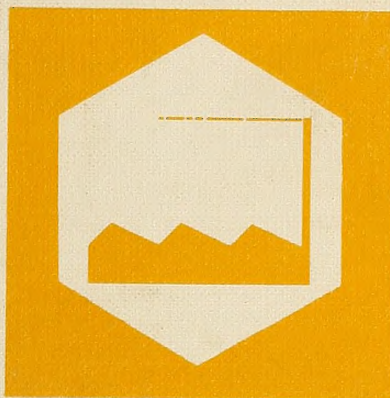


1963

CENSUS OF
MANUFACTURES



II

INDUSTRY
STATISTICS

part 1

MAJOR GROUPS 20 to 28

CENSUS REGIONS AND GEOGRAPHIC DIVISIONS



F THE UNITED STATES





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Acknowledgments

The 1963 Census of Manufactures was conducted under the direction of Maxwell R. Conklin, Chief, and Owen C. Giffen, Assistant Chief, of the Industry Division. Within the Industry Division, program responsibility along industry lines was shared by the following individuals who participated importantly in the entire census program: William A. Johnson, Food, Textiles, and Apparel; Lynn M. Waters, Lumber, Paper, and Chemicals; and Paul F. Berman and Clarence H. Olson, Machinery, and Equipment. Edward A. Robinson was responsible for the concepts and definitions of establishment-type data, for preparation of the industry text to the volumes, and for planning the content of the statistical tables in the text and subject reports.

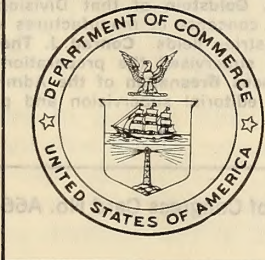
Louis J. Owen, Assistant Chief for Production and Process Statistics, was responsible for the concepts followed in the product and materials industries and for the data on industrial water consumption and fuels and electric energy used. Jack L. O'Neil, Assistant Chief for Statistical Methods, assisted by Donald F. Clark, Elmer S. Bliss, and William A. Johnson, was responsible for reviewing the tabulations and statistics and much of the editing of the text. Frank A. Hannon, a statistician in the Industry Division, was responsible for the editing of the text.

William R. Gray and Kenneth R. Schinnerer made similar contributions to the work of the Industry Division. Alan J. Blum coordinated the work of the Division's professional staff at the Jeffersonville, Ind., Operations Office. The preparation of the text and the editing of the text were the responsibility of Angela R. Day.

Professional personnel in the commodity areas of the Industry Division developed the various industries reviewed the tabulations and prepared the subject reports. The following individuals are listed in the order in which they were assigned to the various industries: Robert J. Berman, Food; John W. Berman, Textiles; Robert J. Berman, Apparel; Robert J. Berman, Lumber; Robert J. Berman, Paper; Robert J. Berman, Printing; Robert J. Berman, Chemicals; Robert J. Berman, Nonmetallic Minerals; Robert J. Berman, Primary Metals and Intermediate Metal Products; Robert J. Berman, Machinery, Electrical, and Electronic Machinery and Transportation Equipment; Robert J. Berman, Instruments and Related Equipment; Robert J. Berman, Miscellaneous. The names of the commodity areas are shown in the order in which they were assigned to the various industries.

The data and procedures used in processing the reports were developed in the Industry Division. The following individuals are listed in the order in which they were assigned to the various industries: Robert J. Berman, Food; John W. Berman, Textiles; Robert J. Berman, Apparel; Robert J. Berman, Lumber; Robert J. Berman, Paper; Robert J. Berman, Printing; Robert J. Berman, Chemicals; Robert J. Berman, Nonmetallic Minerals; Robert J. Berman, Primary Metals and Intermediate Metal Products; Robert J. Berman, Machinery, Electrical, and Electronic Machinery and Transportation Equipment; Robert J. Berman, Instruments and Related Equipment; Robert J. Berman, Miscellaneous. The names of the commodity areas are shown in the order in which they were assigned to the various industries.

The Census Bureau also made contributions to the processing of the reports. The following individuals are listed in the order in which they were assigned to the various industries: Robert J. Berman, Food; John W. Berman, Textiles; Robert J. Berman, Apparel; Robert J. Berman, Lumber; Robert J. Berman, Paper; Robert J. Berman, Printing; Robert J. Berman, Chemicals; Robert J. Berman, Nonmetallic Minerals; Robert J. Berman, Primary Metals and Intermediate Metal Products; Robert J. Berman, Machinery, Electrical, and Electronic Machinery and Transportation Equipment; Robert J. Berman, Instruments and Related Equipment; Robert J. Berman, Miscellaneous. The names of the commodity areas are shown in the order in which they were assigned to the various industries.



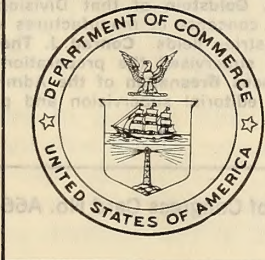
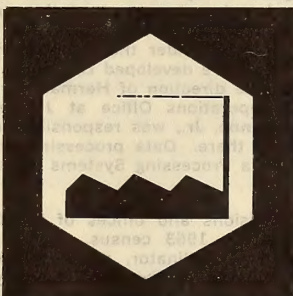
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William H. Shaw, Asst. Secy., Economic Affairs

BUREAU OF THE CENSUS

A. Ross Eckler, Director



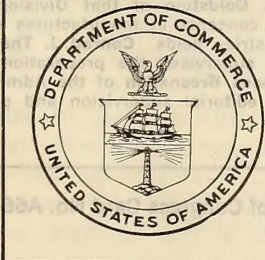
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Acknowledgments

The 1963 Census of Manufactures was conducted under the direction of **Maxwell R. Conklin**, Chief, and **Owen C. Gretton**, Assistant Chief, of the Industry Division. Within the Industry Division, program responsibility along industry lines was shared by the following individuals who participated importantly in the entire census program: **Willis K. Jordan**, Foods, Textiles, and Apparel; **Cyril M. Wildes**, Lumber, Paper, and Chemicals; and **Paul F. Berard** and **Clarence H. Olsen**, Metals, Machinery, and Equipment. **Edward A. Robinson** was responsible for the concepts and definitions of establishment-type data, for preparation of the introductory text to the volumes, and for planning the content of the statistical tables in the area and subject reports.

Louis J. Owen, Assistant Chief for Production and Process Statistics, was responsible for the concepts followed in the product and materials inquiries and for the data on industrial water consumption and fuels and electric energy used. **Jack L. Ogus**, Assistant Chief for Statistical Methods, assisted by **Donald F. Clark**, was responsible for statistical methods and sampling techniques. **Elmer S. Biles** played an important role in developing the criteria for reviewing the tabulated data and supervised the review of the geographic statistics and much of the subject-volume materials for completeness and accuracy. **Frank A. Hanna**, a consultant to the Bureau of the Census, assisted in writing portions of the text.

William Cooper supervised the application of the system of industrial classification of establishments. **Robert Torene** made important contributions to the geographic statistics volume as well as to other phases of the census, and **William R. Gray** and **Kenneth R. Brimmer** made similar contributions to the product and materials inquiries. **Alan I. Blum** coordinated the work of the Division's professional staff at the Jeffersonville, Ind., Operations Office. The preparation of the manuscript for printing, within the Industry Division was the responsibility of **Angela R. Daly**.

Professional personnel in the commodity areas of the Industry Division developed the report forms for the various industries, reviewed the tabulations, and prepared the industry texts that accompanied the data. The respective areas and the individuals in charge during the census were as follows: Foods, **John S. Berube** and **Charles A. Nicholls**; Textiles, **Robert J. Nealon**; Apparel, **Evelyn W. Colburn**; Lumber and Furniture, **Robert E. Bates**; Paper, Printing, and Publishing, **Lawrence J. LaMoore**; Chemicals, **Reese R. Morgan**; Nonmetallic Minerals, **Keith B. Willis**; Primary Metals and Intermediate Metal Products, **Malcolm E. Bernhardt**; Machinery, **Conrad J. Jacobs**; and Electrical Machinery and Transportation Equipment, **Bernard B. Bernsten**. The names of the supporting statisticians in the commodity areas who made significant contributions are shown in the acknowledgment statements appearing in the 80 industry reports published separately prior to their assembly into the Industry Volume.

Systems and procedures used in processing the reports were developed in the former Economic Operations Division. **Marion D. Bingham**, Chief, and in the present Systems Division, **Sol Dolleck**, Chief, assisted by **Samuel Schweid**, **Nathan Lesowitz**, and **Jack Margolis**. **Mary H. Johnson** and **Roger O. Lepage**, assisted by **Paul E. Poissant**, developed and supervised the computer programing under the direction of **Eugene L. Wendt**. Clerical procedures were developed by **Joseph N. Brooks** and **William W. Perry** under the supervision of **Carl Mueller**. Quality control plans and procedures were developed by **George Minton**, **Maxwell R. Jeane**, and **John F. Powell**, under the direction of **Herman H. Fasteau**. **Robert D. Krook**, Executive Officer, Census Operations Office at Jeffersonville, Ind., assisted by **Gene P. King** and **Waller Wynne, Jr.**, was responsible for the phases of the processing operations performed there. Data processing and related operations were performed by the former Data Processing Systems Division under **Robert F. Drury**, Chief.

Staff members in other divisions and offices of the Census Bureau also made significant contributions to the 1963 census. **Arthur Horowitz**, in his capacity as Census of Manufactures Coordinator, made important contributions to the planning and operational phases of the work. **Murray Dessel** of the Economic Research and Analysis Division coordinated the overall processing of the large multiunit companies and provided the statistics on central administrative offices and auxiliaries. **Harold T. Goldstein** of that Division was responsible for coordinating industry coding concepts in manufactures with those followed in the business and mineral industries fields. **Conrad J. Thoren** and **George W. Morris** of the Geography Division supervised the preparation of the maps and charts. **Geraldine Censky** and **Frances Bresnahan** of the Administrative and Publications Services Division provided editorial supervision and publication planning.

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BUREAU OF THE CENSUS

A. Ross Eckler,
Director

Howard C. Grieves
Deputy Director

INDUSTRY DIVISION

Maxwell R. Conklin,
Chief

Preface

This is one of a series of volumes presenting the final results of the 1963 Census of Manufactures. The quinquennial census for 1963 was a large-scale undertaking and its success depended upon important contributions from a large number of private and public individuals and organizations. An essential element in the census was the fine cooperation received from over 300,000 manufacturing establishments in completing the appropriate report forms.

The advice and counsel of trade associations, individual manufacturing companies, government agencies, and research organizations were most valuable in determining the content of the census reports, especially the product and materials inquiries. The Advisory Council on Federal Reports provided special assistance in determining the feasibility of collecting various types of data. Precensus exchanges of ideas with the Census advisory committees of the American Statistical Association, the American Economic Association, and the American Marketing Association contributed significantly to the planning phases of the census. Timely publicity was given the manufactures census by chambers of commerce, local newspapers, trade papers, and television and radio stations.

1963

Census of Manufactures Publication Program

Final results of the 1963 Census of Manufactures are published in three volumes, each containing a specific type of data.

VOLUME I. SUMMARY AND SUBJECT STATISTICS

In addition to a summary chapter presenting the basic data historically for industries and geographic areas, separate chapters present data on a subject basis. Chapter titles are as follows:

1. General Summary
2. Size of Establishments
3. Type of Organization
4. Manufacturers' Inventories
5. Expenditures for Plant and Equipment
6. Power Equipment in Manufacturing Industries
7. Fuels and Electric Energy
8. Selected Materials Consumed
9. Selected Metalworking Operations
10. Water Use in Manufacturing
11. Concentration Ratios in Manufacturing Industries

Three special reports are also included in this volume: Manufacturing Activity in Government Establishments, Shipments of Defense Oriented Industries, and Origin of Exports of Manufactured Products. Each of the chapters in this volume was previously published as a separate report (Series MC63(1)—, numbers 1 to 10. Chapter 11 was issued as a special report for the Senate Subcommittee on Anti-trust and Monopoly.)

VOLUME II. INDUSTRY STATISTICS

This volume contains separate chapters for each of 80 groups of related industries which cover approximately 430 individual industries. Statistics are shown on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures. Selected statistics are included for earlier census years. This volume is published in two parts. Part 1 contains a general summary chapter and chapters for SIC Major Groups 20 to 28, as well as chapters for related industries within these major groups; Part 2 contains chapters for SIC Major Groups 29 to 39 and 19 as well as chapters for related industries within these major groups. A special report, Manufacturing Activity in Government

Establishments, is included in both parts of this volume. The 80 related-industry chapters were previously published as separate reports in series MC63(2)—, 19A to 39D.

VOLUME III. AREA STATISTICS

This volume contains separate chapters for each State and the District of Columbia. The statistics include all-manufacturing totals for the State and its standard metropolitan statistical areas, counties, and cities with populations of 10,000 or more, with industry detail for the larger areas. The volume also includes a summary chapter presenting data for each of the nine geographic divisions and a special report, Manufacturing Activity in Government Establishments. Each State chapter was previously published as a separate report in Series MC63(3)—, 1 to 51.

OTHER REPORTS

Two series of reports have been issued showing the number of manufacturing establishments in each of the approximately 430 manufacturing industries classified according to their employment size class and the State and county within which they are located. The first series places emphasis on the industry, showing data by location (State and county). Nine separate reports present data for 20 major industry groups. The second series places emphasis on the location showing data by industry. Nine reports—one for each of the nine geographic divisions of the United States—were published in this series. The series titles are as follows:

Location of Manufacturing Plants by Industry, County, and Employment Size (MC63(S)—3, numbers 1 to 9)

Location of Manufacturing Plants by County, Industry, and Employment Size (MC63(S)—4, numbers 1 to 9)

The 1963 Census of Mineral Industries Publication Program

The 1963 Census of Mineral Industries was conducted jointly with the census of manufactures. This census was similar in scope and in publication program. Final results are published in two volumes, as follows:

Volume I. Summary and Industry Statistics, contains a summary chapter, 5 subject-type chapters, and 18 chapters showing related mineral industries.

Volume II. Area Statistics, contains separate chapters for each State (Delaware, Maryland, and the District of Columbia are combined).

Selected Statistics on Central Administrative Offices and Auxiliaries, by Major Industry Groups of Establishments Served: 1963

Contents

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The chapters of this volume were published earlier as separate reports in the 1963 Census of Manufactures series MC63(2)-, 19A to 39D.

Data in this volume include all significant corrections uncovered after publication of the separate reports. The 1958 and other historical data include all significant corrections made since the latest publication of these figures.

TABLE COLUMN HEADS: GENERAL SUMMARY TABLES

TABLE 1. General Statistics for Operating Manufacturing Establishments: 1963 and Earlier Years

Year (Selected years, 1849 to 1963)	Establishments		Proprietors and partners (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expend- itures, new (\$1,000)	Index of industrial production 1957-1959- 100
	Total (number)	With 20 employees or more (number)		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)			

TABLE 2. Manufacturing Employment: 1963 and 1958

Code	Major industry group (2-digit major industry groups)	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
			Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)

TABLE 3. General Statistics for Establishments, by Industry Groups and Industries: 1963 and 1958

Code	Industry group and industry	1963								
		Companies (number)	Establishments		Proprietors and partners (number)	All employees		Production workers		Value added by manufacture, adjusted (\$1,000)
			Total (number)	With 20 employees or more (number)		Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)

1963-Continued								1958					Code
Value of shipments	Capital expenditures, new			Inventories end of--		Special-ization ratio	Cover-age ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	

TABLE COLUMN HEADS: GENERAL SUMMARY TABLES--Continued

TABLE 4. Selected Statistics on Central Administrative Offices and Auxiliaries, by Major Industry Groups of Establishments Serviced: 1963

Code	Major industry group and central administrative offices and auxiliaries	Estab-lishments (number)	Employees (number)	Total payroll (\$1,000)	Code	Major industry group and central administrative offices and auxiliaries	Estab-lishments (number)	Employees (number)	Total payroll (\$1,000)
20	All industries, total.....	5,304	726,477	6,615,494	29	Petroleum and coal products--Con.			
	Central administrative offices.....	3,567	515,920	4,740,548		Storage (warehouse).....	20	264	1,585
	Research, development, or testing.....	551	160,348	1,504,696		All other functions.....	18	243	2,370
	Storage (warehouse).....	485	11,012	57,344	30	Rubber and plastics products, n.e.c.	72	11,757	106,739
	All other functions.....	701	39,197	312,906		Central administrative offices....	50	10,940	99,904
	Food and kindred products.....	1,066	71,496	596,779		Research, development, or testing.	3	723	(D)
	Central administrative offices....	625	60,397	518,842		Storage (warehouse).....	16	81	424
	Research, development, or testing.	40	4,369	35,017		All other functions.....	3	13	(D)
	Storage (warehouse).....	113	2,149	12,097	31	Leather and leather products.....	73	7,582	50,240
	All other functions.....	288	4,581	30,823		Central administrative offices....	51	6,434	44,901
						Research, development, or testing.	3	29	(D)

TABLE 5. Detailed Statistics, by Industry Groups: 1963

Item (See "Data Item Guide," page xiii, for items shown)	United States total	Food and kindred products (SIC 20)	Tobacco manu-factures (SIC 21)	Textile mill prod-ucts (SIC 22)	Apparel and related products (SIC 23)	Lumber and wood products (SIC 24)	Furniture and fixtures (SIC 25)
---	---------------------	------------------------------------	--------------------------------	---------------------------------	---------------------------------------	-----------------------------------	---------------------------------

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas: 1963, 1958, and 1954

Geographic area (Data are shown for Divisions, States, and Standard Metropolitan Statistical Areas)	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years

Geographic area	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expendi-tures, new (\$1,000)	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employ-ment	Index of employ-ment change	U.S. index of employ-ment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(percent)	(1958-100)	(1958-100)
United States:												
1963.....	311,921	102,272	16,960,983	99,904,279	12,232,041	24,509,450	62,093,601	192,103,102	11,370,935	(X)	(X)	106
1958.....	303,387	97,563	16,025,219	78,348,893	11,681,143	22,679,219	49,605,180	141,540,618	9,543,528	(X)	(X)	100
1954.....	286,814	90,470	16,098,653	65,866,573	12,372,002	24,334,082	44,590,545	117,032,326	7,816,752	(X)	(X)	100
1947.....	240,807	(NA)	14,293,963	39,695,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	(X)	(X)	89
1939.....	173,802	(NA)	9,527,306	12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	(X)	(X)	59
1929.....	206,663	(NA)	9,659,742	14,284,282	8,369,705	(NA)	10,884,919	30,591,435	(NA)	(X)	(X)	60
1919.....	270,231	(NA)	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	(X)	(X)	61
1909.....	264,810	(NA)	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	(X)	(X)	44
1899.....	204,754	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	(X)	(X)	30
DIVISION AND STATE												

TABLE COLUMN HEADS: 2-DIGIT MAJOR GROUPS

TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963	38 597	14 549	1 714 607	9 233 931	1 098 116	2 228 013	5 159 376	21 825 516	46 784 435	68 466 487	1 249 245
1958	42 843	15 242	1 791 469	8 064 425	1 152 762	2 309 576	4 548 860	17 700 906	(NA)	59 785 310	1 021 204
1954	(NA)	(NA)	1 709 106	6 560 408	1 137 681	2 315 812	3 757 953	13 766 995	(NA)	(NA)	787 649
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963	1 066	436	71 496	596 779	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958	973	352	63 337	442 096	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954	(NA)	(NA)	62 515	360 309	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	37 521	14 113	1 643 111	8 637 152	1 098 116	2 228 013	5 159 376	21 825 516	46 784 435	68 466 487	1 249 245
1958	41 970	14 890	1 718 132	7 622 329	1 152 762	2 309 576	4 548 860	17 700 906	(NA)	59 785 310	1 021 204
1954	42 373	13 648	1 646 591	6 200 099	1 137 681	2 315 812	3 757 953	13 766 995	(NA)	(NA)	787 649
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962	(NA)	(NA)	1 682 697	8 592 490	1 119 225	2 287 220	5 059 706	20 870 394	46 037 120	66 905 954	1 234 541
1961	(NA)	(NA)	1 701 570	8 362 827	1 138 207	2 317 297	4 933 660	20 123 882	44 469 448	64 590 841	1 044 137
1960	(NA)	(NA)	1 719 309	8 210 415	1 154 513	2 347 651	4 856 894	19 753 156	(NA)	(NA)	1 034 146
1959	(NA)	(NA)	1 717 539	7 910 102	1 154 565	2 345 383	4 702 140	18 646 181	(NA)	(NA)	1 078 122
1957	(NA)	(NA)	1 687 615	7 141 257	1 133 212	2 304 005	4 243 838	16 346 999	(NA)	(NA)	922 575
1956	(NA)	(NA)	1 706 226	6 963 936	1 166 898	2 378 425	4 201 459	15 939 217	(NA)	(NA)	886 935
1955	(NA)	(NA)	1 674 255	6 543 568	1 154 115	2 343 504	3 940 184	14 790 062	(NA)	(NA)	797 712

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area (2- and 3-digit industries shown by region, division, and State)	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expendi- tures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
20	FOOD AND KINDRED PRODUCTS, TOTAL . .	37 521	14 113	1 643 111	8 637 152	1 098 116	2 228 013	5 159 376	21 825 516	1 249 245	1 718 132	1 770 096
	NORTHEAST	9 102	3 141	373 163	2 054 640	243 316	495 740	1 193 597	5 147 479	248 888	410 225	4 313 219
	NEW ENGLAND	2 358	741	75 754	375 957	47 876	96 988	207 014	910 797	43 160	85 183	742 700
	MAINE	341	122	11 657	45 055	8 931	17 583	29 579	109 239	5 693	11 462	86 209
	NEW HAMPSHIRE	150	41	2 944	14 092	1 579	3 353	6 565	31 474	1 564	3 129	21 127
	VERMONT	132	37	2 699	13 142	1 740	3 644	7 481	35 022	1 642	2 876	34 294
	MASSACHUSETTS	1 110	369	41 037	208 802	26 176	53 063	117 134	505 007	22 912	48 045	409 697

TABLE 3. Detailed Statistics: 1963

Item	Food and kindred products (SIC 20)	Meat products (SIC 201)	Dairies (SIC 202)	Canned and frozen foods (SIC 203)	Grain mills (SIC 204)	Bakery products (SIC 205)	Sugar (SIC 206)	Candy and related products (SIC 207)	Beverages (SIC 208)	Miscellaneous foods and kindred products (SIC 209)
^a See "Data Item Guide," page xiii, for items shown										

TABLE COLUMN HEADS: INDUSTRY CHAPTER TABLES

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area (Divisions and States)	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						

TABLE 3. Detailed Statistics: 1963

Item (See "Data Item Guide," page xiii, for items shown)	Food products machinery (SIC 3551)	Textile machinery (SIC 3552)	Woodworking machinery (SIC 3553)	Paper industries machinery (SIC 3554)	Printing trades machinery (SIC 3555)	Special industry machines, n.e.c. (SIC 3559)
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TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establish- ments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 3561.—PUMPS AND COMPRESSORS											
Establishments.....number..	642	198	77	100	93	47	61	38	17	10	1
All employees:											
Total.....do....	61,322	336	499	1,361	2,953	3,356	9,932	13,256	11,332	18,297	(D)
Payroll.....\$1,000..	395,769	1,673	2,708	7,409	18,466	20,899	61,891	84,939	73,641	124,143	(D)
Value added, adjusted.....do....	768,787	3,715	5,423	15,331	36,659	44,762	129,437	167,692	154,906	210,862	(D)
Value of shipments.....do....	1,419,081	7,455	10,475	30,836	67,340	83,066	241,587	305,129	262,335	410,858	(D)
Capital expenditures, new...do....	28,417	179	205	413	727	1,776	4,305	6,359	5,633	8,820	(D)
INDUSTRY 3562.—BALL AND ROLLER BEARINGS											

TABLE COLUMN HEADS: INDUSTRY CHAPTER TABLES--Continued

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code (4-digit)	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Roasted coffee (SIC 2095)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Macaroni and spaghetti (SIC 2098)	Other industries
	ROASTED COFFEE INDUSTRY					MACARONI AND SPAGHETTI INDUSTRY—Continued			
	Total shipments and receipts of the industry.....	(X)	1,868,058	(X)		Secondary products	(X)	7,710	(X)
	Primary products.....	1,602,699	1,584,433	18,266		Miscellaneous receipts.....	(X)	11,938	(X)
20951	Roasted coffee, whole bean or ground.....	1,206,392	1,192,696	13,696	99989	Resales.....	(X)	9,892	(X)
20952	Concentrated coffee.....	396,307	391,737	4,570		Other receipts including commission receipts.....	(X)	2,046	(X)

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total production (1,000 pounds)	Total shipments including interplant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment (1,000 pounds)
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)	

(Column structure varies with the industry. Production and interplant transfers are shown if they are significant)

Unit of measure	Production for all purposes including further manufacture (quantity)	Total shipments including interplant transfers		Commercial shipments	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)

Unit of measure	Total shipments including interplant transfers			
	1963		1958	
	Quantity	Value (\$1,000)	Quantity	Value (\$1,000)

TABLE COLUMN HEADS: INDUSTRY CHAPTER TABLES--Continued

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962	1961	1960	1959	1958	1954	1947
------	---------------	------	------	------	------	------	------	------	------

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
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TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material (List of materials varies with each industry)	Basis	Unit of measure	1963			1958		
				Total consumption of materials	Consumption of materials received from other establishments	Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments	Materials made and consumed in same plant
				(Quantity)	Quantity	Delivered cost (\$1,000)	(Quantity)	Quantity	Delivered cost (\$1,000)

(Column structure varies. Production and consumption is shown if important in the industry)

Unit of measure	1963		1958	
	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)

TABLE COLUMN HEADS: INDUSTRY CHAPTER TABLES--Continued

TABLE 7B. **Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962**

Item	Concrete block and brick (SIC 3271)	Other concrete products (SIC 3272)	Ready mixed concrete (SIC 3273)	Lime (SIC 3274)	Gypsum products (SIC 3275)	Cut stone and stone products (SIC 3281)
Total cost of purchased fuels and electric energy.....\$1,000..						
Total cost of purchased fuels.....do....						
Bituminous coal, lignite, and anthracite:						
Quantity.....1,000 short tons..						
Cost.....\$1,000..						
Coke and breeze:						
Quantity.....1,000 short tons..						
Cost.....\$1,000..						
Fuel oil (distillate and residual):						
Quantity.....1,000 barrels of 42 gallons..						
Cost.....\$1,000..						
Gas (natural, manufactured, still, blast furnace, and coke oven):						
Quantity.....million cu.ft..						
Cost.....\$1,000..						
Other fuels.....do....						

Electric energy:
Purchased:
Quantity.....million kw.-hrs..
Cost.....\$1,000..

Generated less sold.....million kw.-hrs..

Aggregate horsepower of prime movers and electric motors
driven by purchased energy (December 31), total.....1,000 hp..

Prime movers, total.....do....

Driving generators.....do....
Not driving generators.....do....

Electric motors, total.....do....

Driven by purchased energy.....do....
Driven by energy generated at establishment.....do....

Aggregate horsepower per 100 production workers.....

TABLE 8. **General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963**

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Appendix A for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2071	CONFECTIONERY PRODUCTS										
	Entire industry.....	1,211	63,643	269,680	52,724	102,402	193,028	635,393	824,052	1,454,512	28,094
	Establishments with—										
	90% or more specialization..	1,141	56,803	243,055	47,152	91,820	174,476	568,175	717,149	1,280,786	25,213
	75-89% specialization.....	26	3,199	10,945	2,762	5,175	8,357	27,786	53,429	81,260	1,527
20711	Bar goods (except solid chocolate bars) (primary product class of estab.).....	48	9,861	45,744	8,161	16,113	32,998	119,607	168,094	287,367	4,974
	Establishments with—										
	90% or more specialization....	21	4,103	21,438	3,176	6,161	14,536	54,533	86,734	141,106	2,286
	75-89% specialization.....	11	2,546	11,112	2,269	4,564	8,968	31,373	33,400	65,060	767

CONTENTS OF VOLUME II, INDUSTRY STATISTICS—DATA ITEM GUIDE TO TABLES IN EACH CHAPTER

(Asterisk (*) indicates historical data also shown)

A - GENERAL STATISTICS

Item	Industry chapters Part 1 - 20A to 28G Part 2 - 29A to 39D and 19A by 4-digit industry-				2-Digit major industry group summary chapters Part 1 - 20 to 28 Part 2 - 29 to 39 and 19			General summary Chapter 1 Part 1 only			
	As a whole	Division and State	Employ- ment size	Degree of special- ization	Industry		Division and State (2- and 3- digit)	Industry as a whole			Division, State, SMSA
					2-digit	3-digit		All manu- facturers	2-digit	2-, 3-, 4 digit	
ALL MANUFACTURING ESTABLISHMENTS											
Companies (number).....	1*3									3	
Establishments, total (number).....					1*			3*			7*
Employment size (number).....					1*			3*			7*
All employees:											
Average for year (number).....					1*			3*	2*		6* 7*
Payroll, total for year (\$1,000).....					1*			3*	2*		6* 7*
ADMINISTRATIVE OFFICES AND AUXILIARIES SERVING MANUFACTURING ESTABLISHMENTS											
Establishments, total (number).....					1*			3	4	3	
Employment size (number).....					1*			3		3	
All employees:											
Average for year (number).....					1*			3*	2*4	3*	6*
Payroll, total for year (\$1,000).....					1*			3*	2*4	3*	6*
OPERATING MANUFACTURING ESTABLISHMENTS											
Primary product specialization ratio.....	1*3 5A*									3	
Coverage ratio.....	1*3 5A*									3	
Establishments, total (number).....	1*3	2	1 2 3 4	8	1*	3	2	1*	5	3	
Employment size (number).....	1*3	2	1 2 3 4		1*	3	2	1*	5	3	
Proprietors and working partners (number).....	3					3		1*	5	3	
All employees:											
Average for year (number).....	1*3	2*	4	8	1*	3	2*	1*	2*5	3	6*
Payroll, total for year (\$1,000).....	1*3	2	4	8	1*	3	2	1*	2*5	3*	6*
Production workers:											
Average for the year (number).....	1*3	2		8	1*	3	2	1*	5	3	7*
By specified month (number).....	3					3			5		7*
Man-hours, total (1,000).....	1*3	2		8	1*	3	2	1*	5	3	7*
By quarter (1,000).....	3					3			5		
Wages (\$1,000).....	1*3	2		8	1*	3	2	1*	5	3	7*
Cost of materials, etc., total (\$1,000)....	1*3	2		8		3			5		
Materials, parts, containers, and supplies consumed (\$1,000).....	3					3			5		
Cost of resales (\$1,000).....	3					3			5		
Fuels consumed (\$1,000).....	3					3			5		
Electric energy:											
Purchased:											
Quantity (million kw.-hrs.).....	3	7B				3			5		
Cost (\$1,000).....	3	7B				3			5		
Generated less sold (million kw.-hrs.).....	3	7B				3			5		
Contract work (\$1,000).....	3					3			5		
Value of shipments (including resales), total (\$1,000).....	1*3 5A* 5B	2	4	8		3			5	3*	
Value of resales (\$1,000).....	3 5B					3			5		
Miscellaneous receipts and contract work (\$1,000).....	5A* 5B										
Value added by manufacture, adjusted (\$1,000).....	1*3	2*	4	8	1*	3	2*	1*	5	3*	7*
Manufacturers' inventories:											
Beginning of year, total (\$1,000).....	3					3			5	3	
Finished products, work-in-process, materials, supplies, fuel, etc. (\$1,000).....	3					3			5		
End of year, total (\$1,000).....	3					3			5	3	
Finished products, work-in-process, materials, supplies, fuel, etc. (\$1,000).....	3					3			5		
Expenditures for plant and equipment,											
total (\$1,000).....	3					3			5		
New, total (\$1,000).....	1*3	2	4	8	1*	3	2	1*	5	3*	7*
New structures and additions to plant (\$1,000).....	3					3			5	3	
New machinery and equipment (\$1,000)....	3					3			5	3	
Used plant and equipment (\$1,000).....	3					3			5		

CONTENTS OF VOLUME II, INDUSTRY STATISTICS—DATA ITEM GUIDE TO TABLES IN EACH CHAPTER

(Asterisk (*) indicates historical data also shown)

B - PRODUCTS AND MATERIALS

Item	Total	By industry of establishment	By area
1. PRODUCTS (Appear in industry chapters 20A to 39D and 19A of the industry to which they are primary):			
Individual products (7-digit):			
Quantity and value of shipments (production and interplant transfers if important).....	6A*		
Product classes (5-digit):			
Value of shipments.....(\$1,000)...	6A* 6C*	5B	6D*
Quantity of shipments (for a limited number of product classes).....	6A* 6C*		
Product groups (4-digit) value.....(\$1,000)...	6A*	5B	
Indexes of production (4-digit and 5-digit).....	6B*		
2. RELATIONSHIP OF VALUE OF SHIPMENTS FOR 4-DIGIT INDUSTRIES AND PRODUCTS:			
Industry shipments, total.....(\$1,000)...	1* 2 3 4 5A* 5B		8
Primary products of industry.....(\$1,000)...	5A* 5B		
Secondary products of industry.....(\$1,000)...	5A* 5B		
Miscellaneous receipts of industry (Resales, contract receipts, installation work, etc. shown separately where significant).....(\$1,000)...	5B		
Specialization ratio (percent of industry shipments accounted for by primary products).....	1* 3 5A*		
Coverage ratio (percent of primary products shipped by establishments in the industry).....	1* 3 5A*		
3. MATERIALS CONSUMED (shown according to industry of establishments consuming them):			
Total cost.....(\$1,000)...		2 3 7A*	8
Specific materials, quantity and cost (produced and consumed shown where important).....		3 7A*	
Electric energy, cost and quantity.....		3 7B	
Fuels, total.....(\$1,000)...		3 7B	
By type (coal, coke, oil, gas, etc.).....(\$1,000)...		3 7B	
Cost of contract work.....(\$1,000)...		3	
Cost of resales.....(\$1,000)...		3	
4. HORSEPOWER OF PRIME MOVERS.....		7B	
5. SPECIAL REPORTS (e.g., machinery in place, departmental operations, methods of distribution, etc.) appear in some industry chapters, usually as table 9.....			9

Industry Chapter Descriptions

Chapters in this volume are coded to industries as classified in the Standard Industrial Classification (SIC) system. Pages are numbered with a chapter identification prefix; for example, the chapter on Weaving Mills in Major

Group 22 will begin on page 22A-1. The list below shows the prefix identification for each chapter and the SIC industries included under each title. Chapters for both parts of this volume are shown.

PART I

Major Group 20—FOOD AND KINDRED PRODUCTS

20A Meat Products

- 2011 Meat slaughtering plants
- 2013 Meat processing plants
- 2015 Poultry dressing plants

20B Dairies

- 2021 Creamery butter
- 2022 Natural and process cheese
- 2023 Condensed and evaporated milk
- 2024 Ice cream and frozen desserts
- 2026 Fluid milk

20C Canned and Frozen Foods

- 2031 Canned and cured seafoods
- 2032 Canned specialties
- 2033 Canned fruits and vegetables
- 2034 Dehydrated foods products
- 2035 Pickles, sauces, salad dressings
- 2036 Fresh or frozen packaged fish
- 2037 Frozen fruits and vegetables

20D Grain Mills

- 2041 Flour mills
- 2042 Prepared animal feeds
- 2043 Cereal preparations
- 2044 Rice milling
- 2045 Blended and prepared flour
- 2046 Wet corn milling

20E Bakery Products

- 2051 Bread and related products
- 2052 Biscuit, crackers, and cookies

20F Sugar and Confectionery Products

- 2061 Raw cane sugar
- 2062 Cane sugar refining
- 2063 Beet sugar
- 2071 Confectionery products
- 2072 Chocolate and cocoa products
- 2073 Chewing gum

20G Beverages

- 2082 Malt liquors
- 2083 Malt
- 2084 Wines and brandy
- 2085 Distilled liquor, except brandy
- 2086 Bottled and canned soft drinks
- 2087 Flavorings

20H Fats and Oils

- 2091 Cottonseed oil mills
- 2092 Soybean oil mills
- 2093 Vegetable oil mills, n.e.c.
- 2094 Animal and marine fats and oils
- 2096 Shortening and cooking oils

20I Miscellaneous Food Products

- 2095 Roasted coffee
- 2097 Manufactured ice
- 2098 Macaroni and spaghetti
- 2099 Food preparations, n.e.c.

Major Group 21—TOBACCO MANUFACTURES

21A Tobacco Products

- 2111 Cigarettes
- 2121 Cigars
- 2131 Chewing and smoking tobacco
- 2141 Tobacco stemming and redrying

Major Group 22—TEXTILE MILL PRODUCTS

22A Weaving Mills

- 2211 Weaving mills, cotton
- 2221 Weaving mills, synthetics
- 2231 Weaving, finishing mills, wool
- 2241 Narrow fabric mills

22B Knitting Mills

- 2251 Women's hosiery, except socks
- 2252 Hosiery, n.e.c.
- 2253 Knit outerwear mills
- 2254 Knit underwear mills
- 2256 Knit fabric mills
- 2259 Knitting mills, n.e.c.

22C Dyeing and Finishing Textiles, Except Wool Fabrics and Knit Goods

- 2261 Finishing plants, cotton
- 2262 Finishing plants, synthetic
- 2269 Finishing plants, n.e.c.

22D Floor Covering Mills

- 2271 Woven carpets and rugs
- 2272 Tufted carpets and rugs
- 2279 Carpets and rugs, n.e.c.

22E Yarn and Thread Mills

- 2281 Yarn mills, except wool
- 2282 Throwing and winding mills
- 2283 Wool yarn mills
- 2284 Thread mills

22F Miscellaneous Textile Goods

- 2291 Felt goods, n.e.c.
- 2292 Lace goods
- 2293 Padding and upholstery filling
- 2294 Processed textile waste
- 2295 Coated fabric, not rubberized
- 2296 Tire cord and fabric
- 2297 Scouring and combing plants

2298 Cordage and twine
2299 Textile goods, n.e.c.

2491 Wood preserving
2499 Wood products, n.e.c.

Major Group 23—APPAREL AND RELATED PRODUCTS

23A Men's and Boys' Apparel

2311 Men's and boys' suits and coats
2321 Men's dress shirts and nightwear
2322 Men's and boys' underwear
2323 Men's and boys' neckwear
2327 Separate trousers
2328 Work clothing
2329 Men's and boys' clothing, n.e.c.

23B Women's and Misses' Outerwear

2331 Blouses
2335 Dresses
2337 Women's suits, coats, and skirts
2339 Women's outerwear, n.e.c.

23C Women's and Children's Underwear; Headwear; Children's Outerwear

2341 Women's and children's underwear
2342 Corsets and allied garments
2351 Millinery
2352 Hats and caps
2361 Children's dresses and blouses
2363 Children's coats and suits
2369 Children's outerwear, n.e.c.

23D Miscellaneous Apparel and Accessories

2371 Fur goods
2381 Fabric dress and work gloves
2384 Robes and dressing gowns
2385 Waterproof outer garments
2386 Leather and sheeplined clothing
2387 Apparel belts
2389 Apparel, n.e.c.

23E Miscellaneous Fabricated Textile Products

2391 Curtains and draperies
2392 Housefurnishings, n.e.c.
2393 Textile bags
2394 Canvas products
2395 Pleating and stitching
2396 Apparel findings
2397 Schiffli machine embroideries
2399 Textile products, n.e.c.

Major Group 24—LUMBER AND WOOD PRODUCTS

24A Logging Camps, Sawmills and Planing Mills

2411 Logging camps and contractors
2421 Sawmills and planing mills
2426 Hardwood dimension and flooring
2429 Special product sawmills, n.e.c.

24B Millwork, Plywood and Prefabricated Structural Wood Products

2431 Millwork plants
2432 Veneer and plywood plants
2433 Prefabricated wood products

24C Wooden Containers and Miscellaneous Wood Products

2441 Nailed wooden boxes and shooks
2442 Wirebound boxes and crates
2443 Veneer and plywood containers
2445 Cooperage

Major Group 25—FURNITURE AND FIXTURES

25A Household Furniture

2511 Wood furniture, not upholstered
2512 Wood furniture, upholstered
2514 Metal household furniture
2515 Mattresses and bedsprings
2519 Household furniture, n.e.c.

25B Office, Public Building, Office and Store Fixtures and Miscellaneous Furniture

2521 Wood office furniture
2522 Metal office furniture
2531 Public building furniture
2541 Wood partitions and fixtures
2542 Metal partitions and fixtures
2591 Venetian blinds and shades
2599 Furniture and fixtures, n.e.c.

Major Group 26—PAPER AND ALLIED PRODUCTS

26A Pulp, Paper, and Board Mills

2611 Pulp mills
2621 Paper mills, except building
2631 Paperboard mills
2661 Building paper and board mills

26B Converted Paper and Paperboard Products, Except Containers and Boxes

2641 Paper coating and glazing
2642 Envelopes
2643 Bags, except textile bags
2644 Wallpaper
2645 Die cut paper and board
2646 Pressed and molded pulp goods
2647 Sanitary paper products
2649 Converted paper products, n.e.c.

26C Paperboard Containers and Boxes

2651 Folding paperboard boxes
2652 Set-up paperboard boxes
2653 Corrugated shipping containers
2654 Sanitary food containers
2655 Fiber cans, tubes, drums, etc.

Major Group 27—PRINTING AND PUBLISHING

27A Newspaper, Periodicals, Books, and Miscellaneous Publishing

2711 Newspapers
2721 Periodicals
2731 Books, publishing and printing
2732 Book printing
2741 Miscellaneous publishing

27B Commercial Printing and Manifold Business Forms

2751 Printing, except lithographic (letterpress, gravure, and screen)
2752 Printing, lithographic
2753 Engraving and plate printing
2761 Manifold business forms

27C Greeting Cards, Bookbinding, and Service Industries

- 2771 Greeting card manufacturing
- 2782 Blankbooks: looseleaf binders
- 2789 Bookbinding and related work
- 2791 Typesetting
- 2793 Photoengraving
- 2794 Electrotyping and stereotyping

Major Group 28—CHEMICALS AND ALLIED PRODUCTS

28A Industrial Inorganic and Organic Chemicals

- 2812 Alkalies and chlorine
- 2813 Industrial gases
- 2814 Cyclic (coal tar) crudes
- 2815 Intermediate coal tar products
- 2816 Inorganic pigments
- 2818 Organic chemicals, n.e.c.
- 2819 Inorganic chemicals, n.e.c.

28B Plastics Materials, Synthetic Rubber, and Man-Made Fibers

- 2821 Plastics materials and resins
- 2822 Synthetic rubber
- 2823 Cellulosic man-made fibers
- 2824 Organic fibers, noncellulosic

28C Drugs

- 2831 Biological products
- 2833 Medicinals and botanicals
- 2834 Pharmaceutical preparations

28D Cleaning and Toilet Products

- 2841 Soap and other detergents
- 2842 Polishes and sanitation goods
- 2843 Surface active agents
- 2844 Toilet preparations

28E Paints and Allied Products and Gum and Wood Chemicals

- 2851 Paints and allied products
- 2861 Gum and wood chemicals

28F Agricultural Chemicals

- 2871 Fertilizers
- 2872 Fertilizers, mixing only
- 2879 Agricultural chemicals, n.e.c.

28G Miscellaneous Chemical Products

- 2891 Glue and gelatin
- 2892 Explosives
- 2893 Printing Ink
- 2895 Carbon black
- 2899 Chemical preparations, n.e.c.

PART II

Major Group 29—PETROLEUM AND COAL PRODUCTS

29A Petroleum Refining and Related Industries

- 2911 Petroleum refining
- 2951 Paving mixtures and blocks
- 2952 Asphalt felts and coatings
- 2992 Lubricating oils and greases
- 2999 Petroleum and coal products, n.e.c.

Major Group 30—RUBBER AND PLASTICS PRODUCTS, N.E.C.

30A Rubber and Miscellaneous Plastics Products

- 3011 Tires and inner tubes
- 3021 Rubber footwear
- 3031 Reclaimed rubber
- 3069 Rubber products, n.e.c.
- 3079 Plastics products, n.e.c.

Major Group 31—LEATHER AND LEATHER PRODUCTS

31A Tanning; Footwear; Industrial Leather Goods

- 3111 Leather tanning and finishing
- 3121 Industrial leather belting
- 3131 Footwear cut stock
- 3141 Shoes, except rubber
- 3142 House slippers

31B Leather Gloves; Luggage; and Miscellaneous Leather Goods

- 3151 Leather gloves
- 3161 Luggage
- 3171 Handbags and purses
- 3172 Small leather goods
- 3199 Leather goods, n.e.c.

Major Group 32—STONE, CLAY, AND GLASS PRODUCTS

32A Glass Products

- 3211 Flat glass
- 3221 Glass containers
- 3229 Pressed and blown glass, n.e.c.
- 3231 Products of purchased glass

32B Cement and Structural Clay Products

- 3241 Cement, hydraulic
- 3251 Brick and structural tile
- 3253 Ceramic wall and floor tile
- 3255 Clay refractories
- 3259 Structural clay products, n.e.c.

32C Pottery and Related Products

- 3261 Vitreous plumbing fixtures
- 3262 Vitreous china food utensils
- 3263 Fine earthenware food utensils
- 3264 Porcelain electrical supplies
- 3269 Pottery products, n.e.c.

32D Concrete, Plaster, and Cut Stone Products

- 3271 Concrete block and brick
- 3272 Other concrete products
- 3273 Ready mixed concrete
- 3274 Lime
- 3275 Gypsum products
- 3281 Cut stone and stone products

32E Abrasive, Asbestos, and Miscellaneous Nonmetallic Mineral Products

- 3291 Abrasive products
- 3292 Asbestos products
- 3293 Gaskets and insulations
- 3295 Minerals, ground or treated
- 3296 Mineral wool
- 3297 Nonclay refractories
- 3299 Nonmetallic products, n.e.c.

Major Group 33—PRIMARY METAL INDUSTRIES

33A Blast Furnaces, Steel Works, and Rolling and Finishing Mills

- 3312 Blast furnaces and steel mills
- 3313 Electrometallurgical products
- 3315 Steel wire drawing, etc.
- 3316 Cold finishing of steel shapes
- 3317 Steel pipe and tube

33B Iron and Steel Foundries

- 3321 Gray iron foundries
- 3322 Malleable iron foundries
- 3323 Steel foundries

33C Smelting and Refining of Nonferrous Metals and Alloys

- 3331 Primary copper
- 3332 Primary lead
- 3333 Primary zinc
- 3334 Primary aluminum
- 3339 Primary nonferrous metals, n.e.c.
- 3341 Secondary nonferrous metals

33D Nonferrous Metal Mill and Foundry Products

- 3351 Copper rolling and drawing
- 3352 Aluminum rolling and drawing
- 3356 Rolling and drawing, n.e.c.
- 3357 Nonferrous wire drawing, etc.
- 3361 Aluminum castings
- 3362 Brass, bronze, copper castings
- 3369 Nonferrous castings, n.e.c.

33E Forgings and Miscellaneous Primary Metal Industries

- 3391 Iron and steel forgings
- 3392 Nonferrous forgings
- 3399 Primary metal industries, n.e.c.

Major Group 34—FABRICATED METAL PRODUCTS

34A Metal Cans, Cutlery, Hand Tools, and General Hardware

- 3411 Metal cans
- 3421 Cutlery
- 3423 Hand and edge tools
- 3425 Hand saws and saw blades
- 3429 Hardware, n.e.c.

34B Heating Apparatus, Except Electric, and Plumbing Fixtures

- 3431 Metal Plumbing fixtures
- 3432 Plumbing fittings, brass goods
- 3433 Heating equipment, except electric

34C Fabricated Structural Metal Products

- 3441 Fabricated structural steel
- 3442 Metal doors, sash, and trim
- 3443 Boiler shop products
- 3444 Sheet metal work
- 3446 Architectural metal work
- 3449 Miscellaneous metal work, n.e.c.

34D Screw Machine Products, Bolts, Metal Stampings, and Metal Services

- 3451 Screw machine products
- 3452 Bolts, nuts, rivets, and washers
- 3461 Metal stampings
- 3471 Plating and polishing
- 3479 Metal coating, engraving, etc.

34E Fabricated Metal Products, N.E.C.

- 3481 Fabricated wire products, n.e.c.
- 3491 Metal barrels, drums, and pails
- 3492 Safes and vaults
- 3493 Steel springs
- 3494 Valves and pipe fittings
- 3496 Collapsible tubes
- 3497 Metal foil and leaf
- 3498 Fabricated pipe and fittings
- 3499 Fabricated metal products, n.e.c.

Major Group 35—MACHINERY, EXCEPT ELECTRICAL

35A Engines and Turbines and Farm Machinery and Equipment

- 3511 Steam engines and turbines
- 3519 Internal combustion engines
- 3522 Farm machinery and equipment

35B Construction, Mining, and Materials Handling Machinery and Equipment

- 3531 Construction machinery
- 3532 Mining machinery and equipment
- 3533 Oil field machinery
- 3534 Elevators and moving stairways
- 3535 Conveyors
- 3536 Hoists, cranes, and monorails
- 3537 Industrial trucks and tractors

35C Metalworking Machinery and Equipment

- 3541 Metal-cutting machine tools
- 3542 Metal-forming machine tools
- 3544 Special dies and tools
- 3545 Machine tool accessories
- 3548 Metalworking machinery, n.e.c.

35D Special Industry Machinery, Except Metalworking Machinery

- 3551 Food products machinery
- 3552 Textile machinery
- 3553 Woodworking machinery
- 3554 Paper industries machinery
- 3555 Printing trades machinery
- 3559 Special industry machines, n.e.c.

35E General Industrial Machinery and Equipment

- 3561 Pumps and compressors
- 3562 Ball and roller bearings
- 3564 Blowers and fans
- 3565 Industrial patterns
- 3566 Power transmission equipment
- 3567 Industrial furnaces and ovens
- 3569 General industry machines, n.e.c.

35F Office, Computing, and Accounting Machines

- 3571 Computing and related machines
- 3572 Typewriters
- 3576 Scales and balances
- 3579 Office machines, n.e.c.

35G Service Industry Machines and Machine Shops

- 3581 Automatic vending machines
- 3582 Commercial laundry equipment
- 3585 Refrigeration machinery
- 3586 Measuring and dispensing pumps
- 3589 Service industry machines, n.e.c.
- 3599 Miscellaneous machinery

Major Group 36—ELECTRICAL MACHINERY

36A Electrical Transmission, Distribution, and Industrial Apparatus

- 3611 Electric measuring instruments
- 3612 Transformers
- 3613 Switchgear and switchboards
- 3621 Motors and generators
- 3622 Industrial controls
- 3623 Electric welding apparatus
- 3624 Carbon and graphite products
- 3629 Electric industrial goods, n.e.c.

36B Household Appliances

- 3631 Household cooking equipment
- 3632 Household refrigerators
- 3633 Household laundry equipment
- 3634 Electric housewares and fans
- 3635 Household vacuum cleaners
- 3636 Sewing machines
- 3639 Household appliances, n.e.c.

36C Electric Lighting and Wiring Equipment

- 3641 Electric lamps
- 3642 Lighting fixtures
- 3643 Current carrying devices
- 3644 Noncurrent carrying devices

36D Communication Equipment, Including Radio and TV, and Electron Components and Accessories

- 3651 Radio and TV receiving sets
- 3652 Phonograph records
- 3661 Telephone; telegraph apparatus
- 3662 Radio, TV communications equipment
- 3671 Electron tubes, receiving type
- 3672 Cathode ray picture tubes
- 3673 Electron tubes, transmitting
- 3674 Semiconductors
- 3679 Electronic components, n.e.c.

36E Miscellaneous Electrical Machinery, Equipment and Supplies

- 3691 Storage batteries
- 3692 Primary batteries, dry and wet
- 3693 X-ray apparatus and tubes
- 3694 Engine electrical equipment
- 3699 Electrical products, n.e.c.

Major Group 37—TRANSPORTATION EQUIPMENT

37A Motor Vehicles and Equipment

- 3713 Truck and bus bodies
- 3715 Truck trailers
- 3717 Motor vehicles and parts

37B Aircraft and Parts

- 3721 Aircraft
- 3722 Aircraft engines and parts
- 3723 Aircraft propellers and parts
- 3729 Aircraft equipment, n.e.c.

37C Ship and Boat Building, Railroad and Miscellaneous Transportation Equipment

- 3731 Ship building and repairing
- 3732 Boat building and repairing
- 3741 Locomotives and parts
- 3742 Railroad and street cars
- 3751 Motorcycles, bicycles, and parts
- 3791 Trailer coaches
- 3799 Transportation equipment, n.e.c.

Major Group 38—INSTRUMENTS AND RELATED PRODUCTS

38A Instruments; Surgical, Dental and Ophthalmic Goods

- 3811 Scientific instruments
- 3821 Mechanical measuring devices
- 3822 Automatic temperature controls
- 3831 Optical instruments and lenses
- 3841 Surgical and medical instruments
- 3842 Surgical appliances and supplies
- 3843 Dental equipment and supplies
- 3851 Ophthalmic goods

38B Photographic Equipment; Clocks, Watches and Watchcases

- 3861 Photographic equipment
- 3871 Watches and clocks
- 3872 Watchcases

Major Group 39—MISCELLANEOUS MANUFACTURING

39A Jewelry, Silverware, and Plated Ware

- 3911 Jewelry, precious metal
- 3912 Jewelers' findings and materials
- 3913 Lapidary work
- 3914 Silverware and plated ware

39B Musical Instruments and Parts; Toys, and Sporting and Athletic Goods

- 3931 Musical instruments and parts
- 3941 Games and toys
- 3942 Dolls
- 3943 Children's vehicles
- 3949 Sporting and athletic goods

39C Office Supplies, Costume Jewelry and Miscellaneous Notions

- 3951 Pens and mechanical pencils
- 3952 Lead pencils and art goods
- 3953 Marking devices
- 3955 Carbon paper and inked ribbons
- 3961 Costume jewelry
- 3962 Artificial flowers
- 3963 Buttons
- 3964 Needles, pins, and fasteners

39D Miscellaneous Manufacturing Industries

- 3981 Brooms and brushes
- 3982 Hard surface floor coverings
- 3983 Matches
- 3984 Candles
- 3987 Lamp shades
- 3988 Morticians' goods
- 3992 Furs, dressed and dyed
- 3993 Signs and advertising displays
- 3995 Umbrellas, parasols, and canes
- 3999 Miscellaneous products, n.e.c.

Major Group 19—ORDNANCE AND ACCESSORIES

19A Ordnance and Accessories

- 1911 Guns, howitzers, and mortars
- 1925 Complete guided missiles
- 1929 Ammunition, n.e.c.
- 1931 Tanks and tank components
- 1941 Sighting and fire control equipment
- 1951 Small arms, 30 mm, and under
- 1961 Small arms ammunition
- 1999 Ordnance and accessories, n.e.c.

Introduction

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I. GENERAL

1. ROLE OF THE CENSUS OF MANUFACTURES

The census of manufactures provides a detailed profile of the largest sector of the American economy. That census obtains, from every manufacturing plant with one employee or more, information on its input of labor and materials, its output of products, its location, and the legal form of organization of the owning firm. This information is obtained in sufficient detail to permit its classification by industry, by size of plant, by the homogeneity of its output and, where desirable, by type of operation, extent of vertical integration, kind of equipment, relationship to other plants of the same firm, and other characteristics.

The census of manufactures is conducted simultaneously with the censuses of mineral industries, wholesale and retail trade and selected services, and transportation.¹ This has facilitated the statistical coverage of the entire range of activities of most enterprises and a consequent improvement in the capability of the Bureau of the Census to deal effectively with the statistical problems of identifying establishments which support manufacturing activity, such as central administrative offices, auxiliaries, and sales branches; and to classify entire enterprises into industrial categories.

¹The 1963 censuses covered the United States, Guam, and the Virgin Islands. Separate censuses of manufactures and business for 1963 were also conducted in Puerto Rico jointly with the Commonwealth Government. The statistics from 1958 onward include establishments in Alaska and Hawaii which achieved statehood in 1959.

General statistics information (i.e., total employment, payroll, production-worker employment, man-hours, wages, cost of materials, value of shipments, inventories, capital expenditures, and value added by manufacture) from the census of manufactures is published by industry, by area, by employment size of establishment, by degree of product specialization within plant, and by type of ownership. Information is supplied on the detailed industrial characteristics of each State and large standard metropolitan statistical area (SMSA); overall measures of manufacturing activity are shown at the county and individual city level down to cities of 10,000 or more population. This information constitutes a periodic inventory of the Nation's manufacturing economy that provides a benchmark for measuring the changes in that structure.

The census of manufactures also provides a benchmark from which more frequent surveys can be developed on a scientific sample basis. In fact, the present legislation specifying that censuses be conducted every 5 years authorizes an annual survey of manufactures on a sample basis during the intervening years. At the end of each 5-year census, a new sample is drawn relying on the overall characteristics described by the census itself. The sample, constituting about one-fifth of the establishments but with complete coverage of all large ones, provides an annual updating of the census of manufactures in terms of broad measures of economic activity. It provides the same basic measures of economic activity of the plant such as employment, payrolls, value of shipments, value added by manufacture, as does the census of manufactures, but contains

less detailed information on products, materials consumption, and equipment.²

The census of manufactures not only is a benchmark for many of the surveys conducted by the Census Bureau itself on a more frequent basis but also is the means of updating other important indicators of the economic activity. It provides very important information on the manufacturing segment used in the national income accounts. Census data on materials consumed and product output are basic to the manufactures sector of the input-output studies of the Office of Business Economics. The information derived from the census of manufactures is also used by the Federal Reserve Board in cooperation with the Census Bureau to develop indexes of industrial production for census years. This index is used as a benchmark for the monthly Federal Reserve Index of Industrial Production—a key monthly indicator of current economic activity.

² Since the annual survey of manufactures is a sample, the cross-classifications by industry and by area are fewer than in the census of manufactures. At the U.S. level, statistics are published in the annual survey for practically all of the 425 industries. However, at the State and SMSA levels, statistics are published only for 3-digit and 2-digit industry groupings, respectively. At the county level, information is published for about 10 percent of the 3,000 counties. These 300-odd counties are the larger ones in terms of manufacturing activity and account for about 80 percent of total manufacturing employment. No information is published at the city level.

The concurrent collection of comparable data on wholesale and retail trades, selected services, manufacturing, and minerals in the censuses beginning with 1954 has permitted the Census Bureau to develop its Enterprise Statistics Program, which relates census company-level data to the establishment data. Thus, a measurement of the integration and diversification of the American enterprise system becomes available. Likewise, through the Enterprise Statistics Program, it is possible to link census establishment-based data on a modified basis to other statistical systems such as the Internal Revenue Service's "Statistics of Income" for corporations.

2. ECONOMIC SIGNIFICANCE OF MANUFACTURING SECTOR

Manufacturing is the largest sector in the country's economy. In 1963, manufacturing establishments employed approximately 17 million persons of a civilian labor force of 75 million. During the 35-year period, 1929 to 1963, income originating in manufacturing has averaged 30 percent of national income (see table A). Wholesale and retail trade, the next largest sector, averaged about 15 percent.

The need for frequent and comprehensive statistics on manufactures derives as

TABLE A. National Income, Total and Amounts Originating in Durable and Nondurable Manufactures, for Selected Years

(Dollar values in billions)

Year	National income	National income originating in--				
		Manufacturing			Manufacturing as a percent of national income	Durable goods industries as a percent of total manufacturing
		Total	Nondurable goods industries	Durable goods industries		
1963.....	481.9	143.8	57.5	86.3	30	60
1962.....	457.7	137.0	55.6	81.4	30	59
1961.....	427.3	125.1	52.8	72.3	29	58
1960.....	414.5	125.8	52.2	73.6	30	59
1959.....	400.0	124.0	51.1	72.9	31	59
1958.....	367.8	107.7	45.7	62.0	29	58
1957.....	366.1	116.3	46.4	69.9	32	60
1956.....	350.8	113.1	46.2	66.8	32	59
1955.....	331.0	107.9	44.0	63.8	33	59
1954.....	303.1	94.6	39.7	54.9	31	58
1953.....	304.7	100.4	40.3	60.1	33	60
1952.....	291.4	92.5	38.2	54.3	32	59
1951.....	278.0	90.2	38.4	51.8	32	57
1950.....	241.1	76.2	33.3	42.9	32	56
1949.....	217.5	64.8	30.5	34.2	30	53
1947.....	199.0	59.5	28.0	31.5	30	53
1943.....	170.3	58.3	19.6	38.6	34	66
1939.....	72.6	18.1	9.1	9.0	25	50
1935.....	57.2	13.4	7.3	6.1	23	46
1933.....	40.3	7.7	4.9	2.8	19	36
1932.....	42.8	7.3	5.2	2.1	17	29
1929.....	86.8	21.9	10.6	11.3	25	52

Source: Survey of Current Business, August 1965, pp. 42-45, and July 1966, p. 15.

TABLE B. National Income by Industry Division for Selected Years

Industry	1929	1933	1939	1947	1954	1958	1963
In billions of dollars							
All industries, total.....	86.8	40.3	72.6	199.0	303.1	367.8	481.9
Manufacturing.....	21.9	7.7	18.1	59.5	94.6	107.8	143.8
Nondurable goods.....	10.6	4.9	9.1	28.0	39.7	45.7	57.5
Durable goods.....	11.3	2.8	9.0	31.5	54.9	62.0	86.3
Wholesale and retail trade.....	13.5	5.6	12.6	37.6	48.3	58.2	73.3
Government and government enterprises.....	5.1	5.3	8.5	18.7	36.1	46.9	64.8
Services.....	8.8	5.1	7.6	18.1	27.8	38.4	54.1
Finance, insurance, and real estate.....	12.8	5.9	8.0	16.1	32.0	40.9	53.6
Contract construction.....	3.8	0.8	2.3	8.4	15.6	19.0	24.1
Transportation.....	6.6	3.0	4.6	11.6	14.6	16.6	20.0
Agriculture, forestry, and fisheries.....	8.5	3.9	6.0	18.9	16.4	18.0	18.6
Electric, gas and sanitary services.....	1.6	1.3	1.8	2.8	5.9	7.4	10.3
Communication.....	1.1	0.7	1.1	2.3	5.1	7.0	9.8
Mining.....	2.1	0.6	1.6	4.2	5.3	5.7	6.0
Rest of the world.....	0.8	0.3	0.3	0.8	1.6	2.0	3.4
Percent of total							
All industries, total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Manufacturing.....	25.2	19.1	24.9	29.8	31.2	29.2	29.8
Nondurable goods.....	12.2	12.2	12.5	14.0	13.0	12.4	12.0
Durable goods.....	13.0	6.8	12.4	15.8	18.1	16.8	17.8
Wholesale and retail trade.....	15.5	13.9	17.3	18.8	15.9	15.8	15.2
Government and government enterprises.....	5.8	13.2	11.7	9.3	11.9	12.7	13.4
Services.....	10.1	12.7	10.4	9.0	9.1	10.4	11.2
Finance, insurance, and real estate.....	14.7	14.5	11.0	8.1	10.5	11.1	11.0
Contract construction.....	4.4	1.9	3.2	4.2	5.1	5.1	5.0
Transportation.....	7.6	7.5	6.3	5.8	4.8	4.5	4.2
Agriculture, forestry, and fisheries.....	9.7	9.6	8.3	9.4	5.4	4.8	3.8
Electric, gas and sanitary services.....	1.8	3.1	2.4	1.4	1.9	2.0	2.1
Communication.....	1.2	1.7	1.4	1.1	1.6	1.9	2.0
Mining.....	2.4	1.5	2.2	2.1	1.7	1.5	1.2
Rest of the world.....	0.9	0.8	0.4	0.4	0.5	0.5	0.6

Source: Survey of Current Business, August 1965, pp. 42-45 and July 1966, p. 15.

much from its sensitivity to cyclical influences as from its relative size. Cyclical changes in income originating in manufacturing tend to be relatively larger than in the economy as a whole.

Within manufacturing, durable goods industries accounted for about 57 percent of all manufactures for that period. However, they tend to be more volatile than nondurable goods, accounting for a smaller percentage of all manufactures during periods of contraction and a larger percentage during periods of expansion. Of the census years since 1919, only 1925, 1935, 1939, 1947, and 1963 have not included some part of a period of contraction and a consequent underrepresentation of durable goods in the total. (See table B.)

Geographic Location of Manufactures.—

The preponderance of manufacturing in the United States is predominantly in the Northeast as is shown in table C, page 4. Over the years, however, there has been a shift to the South and West.

Size Distribution of Manufacturing Plants.—Most manufacturing establishments require a substantial amount of capital and ordinarily a considerable volume of business for efficient operation. While there are many small plants, they account for relatively little of the Nation's production. Thus, as shown in table D, half the plants have less than 10 employees but they account for only 3 percent of the value added by manufacture.

3. EARLIER CENSUSES

The census of manufactures for 1963 is the 27th such census for the United States. The first census of manufactures covered 1809 and, with the exception of 1829, a census was taken at 10-year intervals in connection with the decennial census of population up to and including 1899. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939. The census was suspended during World War II, but it was resumed for 1947. Legislation enacted in 1948 provided for a census every 5 years, cov-

TABLE C. Operating Manufacturing Establishments Employment by Divisions and as a Percent of the United States
Total for Selected Years

Geographic division	Employment (1,000)	Percent	Employment (1,000)	Percent	Employment (1,000)	Percent
	1963		1958		1947	
United States, total.....	16,234	100.0	15,423	100.0	14,294	100.0
New England.....	1,379	8.5	1,360	8.8	1,475	10.3
Middle Atlantic.....	3,811	23.5	3,882	25.2	3,954	27.7
East North Central.....	4,264	26.3	4,084	26.5	4,323	30.2
West North Central.....	975	6.0	933	6.0	786	5.5
South Atlantic.....	2,068	12.7	1,844	12.0	1,524	10.7
East South Central.....	874	5.4	767	5.0	635	4.5
West South Central.....	838	5.2	771	5.0	551	3.9
Mountain.....	279	1.7	225	1.5	140	1.0
Pacific.....	1,746	10.8	1,554	10.1	914	6.4
	1939		1929		1899	
United States, total.....	9,527	100.0	10,198	100.0	5,077	100.0
New England.....	1,121	11.8	1,246	12.2	897	17.7
Middle Atlantic.....	2,758	29.0	3,003	29.4	1,732	34.1
East North Central.....	2,693	28.3	2,949	28.9	1,177	23.2
West North Central.....	491	5.2	567	5.6	297	5.8
South Atlantic.....	1,111	11.7	1,000	9.8	483	9.5
East South Central.....	410	4.3	417	4.1	188	3.7
West South Central.....	331	3.5	341	3.3	122	2.5
Mountain.....	89	0.9	119	1.2	48	1.0
Pacific.....	523	5.5	556	5.5	133	2.6

Note: Detailed figures may not add to totals because of independent rounding.

ering the years ending in "3" and "8," and authorized an annual sample survey for interim years.³ An annual survey of manufactures has been conducted for the intercensal years beginning with 1949 and is a continuing part of the Bureau's program. Table 1, General Summary, provides national totals for manufactures for the censuses and annual surveys since 1849.

The census of manufactures was the public's only source of reliable statistical information on manufactures during the 19th century. During the current century, particularly since the first world war, more frequent statistical series on many aspects of manufactures have been developed. However, the census of manufactures continues to play an essential

³ The census originally scheduled to cover 1953 was conducted for 1954 on the basis of special legislation authorizing this change. A census covering 1958 and this census covering 1963 were conducted under the legislation of 1948. In an effort to spread its workload more evenly over the decennial period, the Bureau of the Census, in 1964, asked for and obtained legislation (P.L. 88-532) specifying that subsequent censuses of manufactures would cover the years ending in "2" and "7." Consequently, the next census of manufactures is scheduled for 1967.

role in the Nation's statistical program, since it remains the only source of comprehensive information on the detailed industrial and geo-

TABLE D. Cumulative Percentage of Number of Manufacturing Establishments and Value Added by Manufacture by Size Class: 1963

Size class	Number of establish- ments	Value added by manufac- ture
All establishments.....	100.0	100.0
Establishments with an average of—		
1 to 4 employees.....	36.5	1.1
5 to 9 employees.....	52.3	2.7
10 to 19 employees.....	67.6	5.9
20 to 49 employees.....	83.0	13.3
50 to 99 employees.....	90.5	21.5
100 to 249 employees.....	96.2	36.5
250 to 499 employees.....	98.4	49.8
500 to 999 employees.....	99.4	63.0
1,000 to 2,499 employees.....	99.8	78.2
2,500 employees and over.....	100.0	100.0

graphical structure of the manufacturing sector which is closely comparable over long periods of time.

4. DEFINITION OF MANUFACTURING

Manufacturing is the mechanical or chemical transformation of inorganic or organic substances into new products. The assembly of component parts of products is also considered to be manufacturing if the resulting product is neither a structure nor other fixed improvement. These activities are usually carried on in plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment.

Manufacturing production is usually carried on for the wholesale market, for transfer to other plants of the same company, or to the order of industrial users rather than for direct sale to the household consumer. However, some manufacturers (e.g., baking, milk bottling, etc.) sell chiefly at retail to household consumers through the mail, through house-to-house routes, or through salesmen. Some activities of a service nature (enameling, binding, platemaking, etc.) are included in manufacturing when they are performed primarily for the trade; but they are considered nonmanufacturing when they are performed primarily to the order of the household consumer. On the other hand, some manufacturing industries include business firms which do not undertake physical production but perform only the entrepreneurial functions of buying the materials, designing, and marketing the product, and have the actual production done on contract (e.g., apparel jobbers).

In addition to the production of goods and manufacturing services, manufacturing plants engage in related and diverse supporting activities. These activities encompass the acquisition of materials to be processed, their movement into the manufacturing facility, their storage at the manufacturing site, the operation and maintenance of plant and equipment, the design of flow of work through the production process, and necessary arrangements for shipment of output to customers. Also included are a host of subsidiary activities associated with the conduct of the establishment as a manufacturing entity; e.g., management and policy formation, product and market orientation, engineering and quality control, record-keeping and accounting, physical security of plant and equipment, and the like. Such subsidiary activities may be performed by personnel located at the manufacturing facility or at an auxiliary unit serving one or more manufacturing locations of the same company. Where these activities are carried on at a different physical location or are performed for more than one plant, they are excluded from the figures for operating manufacturing establishments and are included in the data shown for

central administrative offices and auxiliaries (see sections 8 (form NC-X6) and 11 of the text).

The following types of activities, while having many of the characteristics usually found in manufacturing, are considered as nonmanufacturing and, therefore, are excluded from the census:

(a) Processing on farms when the raw materials are grown on the farm and the manufacturing activities (poultry dressing, milk and butter production, logging) are on a small scale without extensive use of paid labor. Also custom milling, cotton ginning, egg hatching, and similar activities closely associated with agriculture are excluded.

(b) Mineral preparation such as the crushing, screening, and concentrating of ores. However, mining performed as a secondary activity in conjunction with manufacturing is included in the census; for example, stone and clay mining at cement, lime, and clay products plants.

(c) Custom work to the individual order of household consumers. Examples are custom tailoring, wood-working, lettering on monuments, setting of diamonds, and the making of orthopedic appliances.

(d) Repair and other service activities, except specified services performed "for the trade." Repair shops of railroads are also excluded.

(e) Production of coke for own use by establishments owned by public utility companies.

On the other hand, the census of manufactures excludes manufacturing at locations which are not primarily manufacturing plants: (1) Manufacturing by retail establishments which sell most of their products on the premises directly to household consumers, e.g., retail bakeries, ice cream stores, and feed stores; (2) manufacturing by construction contractors at the site, e.g., production of paving mixtures; and (3) manufacturing by educational, eleemosynary, and penal institutions.

Conversely, it is not unusual for manufacturing establishments to engage also in nonmanufacturing activities such as repair work, merchandising of products without further processing, and installation work. Ordinarily, these nonmanufacturing receipts are small in relation to the manufacturing activities and, therefore, it is not difficult to determine that the establishments should be included in the manufactures area. However, if the nonmanufacturing activities account for a significant proportion of total receipts of an establishment, the classification of that establishment

into the appropriate major economic sector is more difficult.

In the 1963 economic censuses, an establishment engaged in a combination of manufacturing and merchandising was assigned either to the manufacturing or the trade industries depending on which of these activities was estimated to account for the larger share of its "value added" or "income produced." This criterion, even though based on an approximation, was considered preferable to reported dollar volume of receipts from each type of activity in determining the primary industry, since manufacturing requires considerably more man-hours, salaries and wages, and other inputs per dollar of receipts than either wholesaling or retailing. However, in classifying establishments engaged in manufacturing and also in mining, repair work, installation, construction or other nonmanufacturing services, dollar receipts were used as the basis of classification because these activities require substantially comparable inputs per dollar of receipts.

Data were obtained on the manufacturing activities during 1963 of establishments owned and operated by the Federal Government (military arsenals, Navy yards, etc.) and of Federal and State prisons for the purpose of presenting complete information on manufacturing operations in the United States. Statistics on the employment, value added by manufacture, and products manufactured by the Department of Defense establishments and the quantity and value of products made in Federal and State prisons are shown in a separate chapter in each manufactures volume. These data are not included in any of the individual industry or industry group totals or area statistics appearing in the census of manufactures volumes. However, information on government-owned, privately operated establishments is included throughout the statistical tables in the appropriate industry on the same basis as privately owned and operated plants.

5. THE STANDARD INDUSTRIAL CLASSIFICATION (SIC)

The specific industry coding and groupings in the 1963 Census of Manufactures follow the structure of the *Standard Industrial Classification Manual*, published by the Bureau of the Budget. This manual, which is a classification structure for the entire national economy, was first issued in 1939.⁴ In the

⁴ For the manufacturing industries, a revised manual was issued in 1945 which, with minor modifications, was used in the 1947 Census of Manufactures. For the 1954 census, the classification structure used in 1947 was again employed, again with minor modifications. In 1957, the SIC system was extensively revised for manufacturing industries and historical comparability of some data was seriously affected. This revision and its effects on census series are described in the introduction and appendixes to the 1958 census volumes. A minor revision of the SIC between 1958 and 1963 introduced some 4-digit industry changes but none of them crossed 3-digit group lines. Also, there were some amendments in industry titles, definitions, and index items, and additions to the index items in the SIC Manual.

manufacturing sector, the manual built upon the Bureau of the Census manufacturing industry classifications developed over the years. The SIC was developed for use in classifying establishments by type of activity in which they are engaged in order to facilitate the collection, tabulation, and publication of data relating to establishments and to promote uniformity and comparability in the presentation of statistical data by government agencies, trade associations, research organizations, and others.

The SIC divides all activities into broad industrial divisions (manufacturing, mining, retail trade, agriculture, etc.). It further subdivides each division into major industry groups, then into industry groups, and finally into detailed industries. The numbering system provides flexibility, permitting use of classification at various levels of detail according to the specific needs and uses desired. Employing a decimal system of coding, the Major Industry Group is assigned two digits (Major Group 20 for Food and Kindred Products), the Industry Group, three digits (Group 201 for Meat Products), and the industry, four digits (Industry 2011 for Meat Packing Plants). Thus, for each 4-digit industry, it is possible to identify the Industry Group to which it belongs by the first three digits of its code and, by its first two digits, the Major Industry Group. For the manufacturing division, the 21 2-digit SIC Major Groups (19 to 39) are subdivided into 149 3-digit SIC Groups (191 to 398) and into 427 4-digit industries (1911 to 3999). While the SIC contains 427 industries, the Bureau of the Census combines three industries in the automotive area into one, for a total of 425 industries.

Most of the 425 manufacturing industries are defined in terms of a specific group of related products. Usually, the products are made of similar materials and by similar processes, and are competitive. In determining the boundaries of product-defined industries,⁵ it is essential that each industry comprise a group of establishments whose output of products defining the industry (primary products) accounts for a relatively high proportion of the total shipments of the industry as well as of the total shipments of these primary products by establishments in all manufacturing industries. Some industries are defined in terms of the processes or equipment used regardless of the final product of the establishment. A small number of industries are basically defined by material used as well as final product of the plant.

⁵ Frequently the business world and other data users look at a group of products from more than one point of view. For example, modern high-speed computers are classified as office machines. This describes the purpose of the product. In a physical sense, however, such computers would be described as electronic devices. Similarly, paper bags, wooden boxes, glass bottles, tin cans, and steel barrels may all be classified as containers or they may be individually grouped with other products of similar materials such as converted paper products, wood products, glass products, etc.

There are wide differences among industries in the extent to which the establishments classified in the industry (a) account for the total production of commodities "primary" to the industry, (b) produce products or services "belonging" to other industries (i.e., secondary products), and (c) use similar materials or processes. (See sections 15, 16, 18, and 24). While these variations are frequently construed to be shortcomings, the fact is that the limitations observed in the classification structure arise from the inherent complexity of our economic system and from the disparity in the methods of production among the individual producing units of which it is comprised. The data collected in the census of manufactures provide a statistical basis for a critical evaluation of the classification system; i.e., for assessing the boundaries between industries, the growth and decline of industries, and the impact of technological change on the classification of industries. Consequently, the census is the primary instrument for effecting revisions in the SIC manufacturing sector.⁶

No general-purpose system of industrial classification can hope to satisfy all users of census data. Some business users will be interested primarily in data relating only to themselves and to their competitors in the production of a narrow range of products; others will wish data relating to all products, including complementary and substitutable products, competing in a particular market; others may wish data relating to the consumers of one or more types of materials. Some may be interested only in the data for plants producing a specific product; others only for those plants producing a "full line" of products. The large number of SIC industries provides the analyst with the "building blocks" for obtaining useful approximations, if not "clean" data, relevant to many of these problems. But, at best, a single general-purpose system of classification can satisfy these diverse needs only partially; a point is soon reached beyond which the adaptation of a system to serve one use somewhat better will reduce its ability, often disproportionately, to serve an alternative use.

Accordingly, users of data frequently regroup detailed SIC industries into broad groupings along lines different from those in the SIC 2- and 3-digit categories. The Federal Reserve Board for many years has made combinations to stress such criteria as durable, nondurable, consumers, producers, finished, intermediate goods, etc. Other public and private agencies also recombine the detailed classes. By and large, the 4-digit industries are susceptible to allocation to such categories, while the 2-digit SIC groups are not.

⁶ See *Industry Classification and Sector Measures of Industrial Production* by James W. McKie, Bureau of the Census Working Paper No. 20, 1965, and *Historical Comparability of Census of Manufactures Industries, 1929-1958* by Harold T. Goldstein, Bureau of the Census Working Paper No. 9, 1959.

To increase the usefulness or improve the editing of the data, the Census Bureau frequently has further classified the basic 4-digit SIC industries into "subindustries." This device is employed where there are wide disparities in the operating ratios of the plants in the industry because of differences in the degree of intraplant vertical integration, technology, methods of distribution, geographic location, types of materials used, etc. This technique was used for about 65 manufacturing industries for editing purposes and many were regarded as sufficiently significant to be used for publication: For example, the bakery industry (SIC 2051) is subdivided into wholesale bakeries, chain-store bakeries, home-service bakeries, and retail multi-outlet bakeries; many apparel industries (Group 23) are subclassified into manufacturers, contractors, jobbers; the lumber industry (2421) by degree of integration, etc.

To provide a further measurement of variations within 4-digit industries, the Bureau also subclassifies establishments by the degree to which they produce the primary products or specific classes of primary products of the 4-digit industry. This is in effect a subindustry classification based on degree of product specialization. (See section 24 for a more complete discussion of product specialization data.)

6. ESTABLISHMENT BASIS OF REPORTING

The census of manufactures is conducted on an establishment basis. That is, a company operating establishments at more than one location is required to submit a report for each location; also, a company engaged in distinctly different lines of activity at one location is required to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

Census tabulations of establishment reports, therefore, differ substantially from those prepared on a company basis; i.e., from consolidated reports which combine various types of activities at different locations (thereby yielding a net sales figure for the industry exclusive of interplant transfers but making meaningful geographic tabulations of employment and value added impossible). These consolidated reports also include nonmanufacturing activities of companies primarily engaged in manufacturing. Census figures will also differ to some extent from other tabulations based on establishment reports where the definition of an establishment, as to location and line of activity, is not applied in the same manner.

The requirement that distinct lines of activity at the same location be separately reported was selectively applied where the establishment produced and shipped significant amounts of products classified in different SIC

industries. In widely varying degrees, this product overlap exists in many manufacturing establishments. Generally, the amounts involved are not of serious proportion so that the filing of separate reports would not be warranted as a practical matter, even if feasible. However, there are a number of locations at which large numbers of employees are engaged in each of two or more distinct lines of manufacturing as defined in the SIC. Frequently, companies organize their operations and their records separately where diverse activities are large and choose to report them as separate plants. When they do not do so on their own initiative, the Census Bureau requests separate reports. For the most part, companies have responded favorably, particularly for very large operations where failure to "split out" the different activities would significantly distort the relationship of the industry and product statistics. Not infrequently, though, the two groups of products were made on the same production lines by many of the same employees and could not be distinguished sufficiently in the companies' records to provide establishment-type reporting.

SIC industry definitions take account of special situations where otherwise separately classifiable activities are frequently combined at one location. For example, in the lumber area the definition of industry 2421, Sawmills and Planing Mills, General, recognizes the situation that sawmills may include logging operations. Similarly, in the pulp and paper area, pulp mills operated in combination with paper mills are included in one report.

In 1963 and 1958, as in earlier years, a minimum size limit was set for including establishments in the census. Reports were required from all establishments employing one or more persons at any time during the census year. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 has not appreciably affected the historical comparability of earlier census figures except for data on number of establishments for a few industries.

A special study of manufacturing plants with no employees in 1958 was made to analyze the amount of manufacturing activity conducted by these very small establishments. While there were over 50,000 manufacturing establishments in this category in that year, they had only about one-quarter of 1 percent of the total value of shipments of all manufacturing.

The SIC coding system operates in such a way that the definitions become progressively narrower with successive additions of numerical digits. At one extreme are

the 21 very broad 2-digit groups and at the other about 10,000 individual 7-digit products. In between are approximately 150 3-digit groups, 425 4-digit industries, and 1,100 5-digit product classes. The 7-digit products and 5-digit product classes are considered the primary products of the industry with the same first four digits as the product code. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of products of any other single industry. The industry code assigned to the establishments is derived from a summation of values for 7-digit product codes to their 4-digit industry and the selection of the largest such value as the establishment's industry classification. However as mentioned earlier, the industry classification of an establishment may be determined not only by the products it makes but also by the processes employed or materials used in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. Therefore, the general statistics (employment, payrolls, inventories, value added by manufacture, total value of shipments, capital expenditures, etc.) shown for an industry (tables 1 to 4 of the industry chapters in Volume II) reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. The product statistics in table 6 of the industry chapters represent the total output of specific products whether they are produced by establishments classified in the same industry as the product or not. For this reason, in relating the industry statistics in the industry chapters, especially the industry total value of shipments (tables 1 to 4), to the product statistics (table 6), the composition of the industry's output as shown in tables 5A and 5B should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the two ratios which are computed from these tables 5A and 5B. The first of the ratios, called the primary product specialization ratio, describes the proportion of product shipments (both primary and secondary) of the industry represented by primary products. The second, defined as the coverage ratio, is the proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

In many industries, establishments making products falling into the same industry category use a wide variety of processes and materials to produce them. Also, within the same industry classification based on end products, may be included those establishments which are vertically integrated and those

which put only the finishing touches on an already highly fabricated purchased item. For example, in the refrigeration industry, there are instances of almost complete process integration in which the production of the compressor and condensing unit, electric motor, and even the castings for those intermediate products, as well as the stamping of the case and the final assembly, are all carried on at one plant. In other plants, the condensing unit, the motor, and the case may be purchased and merely assembled into the finished product.

In some instances, nonintegrated plants have been placed in separate industry categories from the integrated plants. In many industries, the census provides separate statistics on departmental operations or on the production of intermediate commodities made and used in the producing plant. When an industry includes plants which ship a significant proportion of their output to other plants of the same company, separate figures are usually shown on the interplant transfers.

These differences in the integration of production processes, types of operations, and types of materials used should be taken into account when relating the general items (employment, payrolls, value added, etc.) to the product and materials data. For those industries where the integrated type of operations is of consequence, that fact is pointed out in the explanatory text for the industry.

In many industries, there are some large plants with a product-mix such that the value of secondary products is as large as or larger than the value of primary products. In the Annual Survey of Manufactures (ASM), these plants are prevented from shifting back and forth among industries because of only minor shifts in products by the application of a "resistance formula" in assigning industry classifications.

The formula gives approximately equal weight to the need for statistical measurement of change in an industry and the measurement of an industry's status at a point in time.

The resistance technique for large establishments was introduced for the first time in the quinquennial census in 1963 and was applied to certainty cases in the ASM panel for 1963.

The 1963 industrial classification of an ASM plant with 100 employees or more was allowed change from that assigned in 1962 where—

- (1) The new primary activity constituted 60 percent or more of its total value of shipments, or
- (2) The new primary activity, while less than 60 percent, was at least twice as great as the old primary activity in the current year, or

- (3) The new primary activity, if it did not meet either of the first two conditions, exceeded the old primary activity by at least 20 percent in both the current and the preceding year.

Where the establishment's industry classification coded in the "annual survey" manner differed from that developed independently from the 1963 census report, the annual survey code took precedence, except where additional census tests not available in the annual survey justified the census code (e.g., type of materials consumed, type of operations, special inquiries).

7. GEOGRAPHIC AREAS

Census Regions, Divisions, and States.—

For over a century, the Census Bureau has presented data for States and major sections of the United States related not only by geographic proximity but also by similarities of agriculture, industry, and social characteristics. Since the 1909 Census of Manufactures, the present nine Census geographic divisions have been used. Beginning with the 1939 census, the nine divisions were grouped further into four broad geographic regions: Northeast, South, North Central, and West.

Not only are these State groupings convenient for the summary presentation of data below the U.S. level, but they are essential to presenting a maximum of geographic information for those individual industries in which application of the census disclosure law precludes the publication of individual State data. (See the discussion in section 28, Confidentiality of Data for Individual Companies.) The relative importance of manufacturing among the States and divisions is shown in table E.

In Volume III, Area Statistics, industry detail is shown wherever possible under the rules of confidentiality at the regional, State, county, and standard metropolitan statistical area (SMSA) levels, in addition to the all-manufacturing totals. The level of industry detail shown for each area is as follows:

State—2-, 3-, and 4-digit industry detail;

County—2- and 3-digit industry totals, but only for those industry groups which have 500 employees or more in the industry group in the county;

City—information only at the all-manufacturing level for cities of 10,000 or more population according to the 1960 Census of Population or later special censuses conducted by the Bureau of the Census.

Standard Metropolitan Statistical Areas.—The SMSA's for which data are shown are those defined by the Bureau of the Budget

TABLE E. Value Added by Manufacture, Adjusted, by Divisions and States: 1963 and 1958

(Value in millions of dollars)

Division and State	1963		1958		Division and State	1963		1958	
	Value added by manufacture, adjusted	Percent	Value added by manufacture, adjusted	Percent		Value added by manufacture, adjusted	Percent	Value added by manufacture, adjusted	Percent
United States, total.....	192,103	100	141,541	100	South Atlantic--				
New England.....	13,589	7.1	10,440	7.4	Continued				
Maine.....	786	0.4	628	0.4	Virginia.....	3,046	1.6	2,123	1.5
New Hampshire....	636	0.3	491	0.4	West Virginia....	1,887	1.0	1,269	0.9
Vermont.....	309	0.2	236	0.2	North Carolina...	4,567	2.4	3,078	2.2
Massachusetts....	6,404	3.3	5,128	3.6	South Carolina...	2,111	1.1	1,360	1.0
Rhode Island.....	959	0.5	756	0.5	Georgia.....	3,254	1.7	2,102	1.5
Connecticut.....	4,496	2.3	3,200	2.3	Florida.....	2,352	1.2	1,411	1.0
Middle Atlantic....	43,560	22.7	34,814	24.6	East South Central.	9,383	4.9	6,389	4.5
New York.....	19,559	10.2	15,892	11.2	Kentucky.....	2,548	1.3	1,769	1.2
New Jersey.....	9,957	5.2	7,500	5.3	Tennessee.....	3,303	1.7	2,207	1.6
Pennsylvania.....	14,044	7.3	11,423	8.1	Alabama.....	2,515	1.3	1,770	1.3
East North Central.	56,326	29.3	40,962	28.9	Mississippi.....	1,017	0.5	642	0.5
Ohio.....	15,506	8.1	11,472	8.1	West South Central.	10,942	5.7	7,791	5.5
Indiana.....	7,727	3.7	5,502	3.9	Arkansas.....	961	0.5	592	0.4
Illinois.....	14,640	7.6	11,664	8.2	Louisiana.....	1,916	1.0	1,430	1.0
Michigan.....	13,090	6.8	8,364	5.9	Oklahoma.....	979	0.5	725	0.5
Wisconsin.....	5,363	2.8	3,960	2.8	Texas.....	7,086	3.7	5,045	3.5
West North Central.	11,809	6.1	8,870	6.3	Mountain.....	3,472	1.8	2,244	1.6
Minnesota.....	2,806	1.5	2,050	1.4	Montana.....	236	0.1	191	0.1
Iowa.....	2,287	1.2	1,684	1.2	Idaho.....	366	0.2	256	0.2
Missouri.....	4,296	2.2	3,251	2.3	Wyoming.....	82	0.1	63	0.1
North Dakota.....	72	0.1	63	0.1	Colorado.....	1,194	0.6	782	0.5
South Dakota.....	140	0.1	114	0.1	New Mexico.....	150	0.1	108	0.1
Nebraska.....	747	0.4	536	0.4	Arizona.....	627	0.3	360	0.2
Kansas.....	1,460	0.8	1,171	0.8	Utah.....	711	0.4	417	0.3
South Atlantic.....	21,134	11.0	14,355	10.1	Nevada.....	106	0.1	68	0.1
Delaware.....	658	0.3	420	0.3	Pacific.....	22,112	11.5	15,666	11.1
Maryland.....	3,001	1.6	2,394	1.7	Washington.....	3,029	1.6	2,167	1.5
District of					Oregon.....	1,575	0.8	1,222	0.9
Columbia.....	257	0.1	198	0.1	California.....	17,163	8.9	12,048	8.5
					Alaska.....	85	0.1	65	0.1
					Hawaii.....	261	0.1	165	0.1

Note: Detailed figures may not add to the totals because of independent rounding.

in 1964.⁷ An SMSA is a county or group of contiguous counties (except in New England) which contains at least one central city of 50,000 inhabitants or more or "twin cities" with a combined population of at least 50,000. In addition to the county or counties, containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city. In New England, towns and cities rather than counties are the units used in defining an SMSA. Thus an area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, con-

tribute significantly to the industrial counties' labor force and are socially and economically integrated with the central city.

Each SMSA is designated by the name of the principal city of the area. In addition to the name of the principal city, the area title may include one or two additional city names.

Industry group (2- and 3-digit) statistics as well as all-manufacturing totals are published for SMSA's with 40,000 to 190,000 manufacturing employees. Detailed industry (4-digit) statistics are published for SMSA's with more than 190,000 employees. These industry statistics for each area are presented in table 6 in the report for each State. There are 75 SMSA's with more than 40,000 employees, and 15 with more than 190,000.

⁷ Executive Office of the President, Bureau of the Budget, **Standard Metropolitan Statistical Areas**, 1964.

Assignment of Geographic Area Codes.—

In the census of manufactures, as in the entire economic census, each individual establishment (plant) was assigned a geographic code that indicated the State, the county, and the city in which it was located. Most manufacturing activities require a permanent structure and fixed equipment so that the location of a plant usually can be specified with little or no ambiguity. Plants which straddle boundary lines are classified as located within the more populous of the two areas in which some part of the plant is located.

In previous censuses, the geographic code was assigned manually to every report after a clerical review of the physical location reported by the respondent. In 1963, the report form was precoded by high-speed electronic equipment prior to mailing through the use of an extensive file of addresses classified by place. Only those reports which indicated differences between the mailing address and the reported physical location were manually coded after receipt.

8. THE CENSUS REPORT FORMS

The diversity of manufacturing activities in the United States made it necessary to use about 200 different report forms to collect information on the products shipped and materials used by the 425 manufacturing industries. In order to obtain the data essential to the census in a manner consistent with cost considerations and reportability by the respondent, it was decided to require detail information only from larger plants. For the numerous smaller plants, typically having less detailed records and representing a very minor portion of manufacturing activity, data requirements were limited to a relatively few key items on a series of short forms. All plants in the annual survey of manufactures sample reported on standard forms irrespective of their employment size. Using the administrative records of the Social Security Administration in conjunction with existing Bureau of the Census records, it was possible to determine correctly, in most cases, the specific questionnaire each manufacturing establishment should receive.

Information was obtained on all 1963 report forms regarding the physical location, Social Security employer identification number, company affiliation, and legal form of ownership. These kinds of information were necessary to assure control over the completeness of coverage (see section 9, Development of the Mailing List), and also permitted the classification of each establishment by geographic location and type of organization. (See section 26, Special Reports.)

Standard Forms.—All ASM establishments and all of the larger non-annual survey establishments received the standard (long) form which contained the full census detail.

Each standard form called for the same general items regardless of the industry: Total employment, total payrolls, production-worker employment and man-hours by quarter, production-worker wages, material costs, value of shipments, fuel and electric energy costs, inventories by type, and capital expenditures by type. However, the forms differed in the detailed inquiries on the quantity and value of products shipped and the quantity and cost of individual materials consumed. There were also miscellaneous inquiries such as type of operation and equipment used, departmental inquiries, special details on delivery operations, etc., that were unique to an individual industry or industry groups.

Information on the gross book value of total fixed assets in place (structures and equipment combined) at the end of 1962 and at the end of 1963, and on rental expenditures for buildings and for equipment during 1963 was requested of establishments in the 1963 Annual Survey of Manufactures sample panel. This special information will be published beginning with the 1964 Annual Survey of Manufactures.

Short Forms.—A short form was mailed to establishments with less than 6 employees except in a few industries where it was sent to those with less than 10 employees. This form required considerably less detail; e.g., total employment and payrolls without any detail on production workers, cost of materials as a grand total, and value of shipments in terms of broad classes of products. No information was requested on inventories or capital expenditures.

However, for the few industries in which small plants account for a significant proportion of the total value of shipments or employment, special modifications were made to collect some detail on the individual products shipped and less frequently on the types of materials used. These industries consisted of logging and sawmills, concrete products, dairy products, meat products, and several printing and publishing industries.

Form MA-101, Manufacturing Plants Under Construction During 1963.—This form was designed to obtain data on capital expenditures by large manufacturing firms for new plants under construction during 1963 but not yet in operation at the end of the year. It was mailed to all multiestablishment companies with 250 employees or more. It was also mailed to any other company which indicated on one of its establishment report forms, in a special check-box section, that it had a plant under construction but not yet in operation. Each such plant was coded geographically and to a 4-digit industry from the description given of its expected activity. The information obtained on form MA-101 was integrated into

new capital expenditures figures in all tables of the 1963 Census of Manufactures. (For further discussion, see section 22, Expenditures for Plant and Equipment.)

Form NC-X6, Central Administrative Offices and Auxiliary Establishments.—Separate reports were required from each multi-establishment company which indicated that it was operating a separate central administrative office or auxiliary (i.e., a warehouse, a research laboratory, a garage, a repair shop, etc.) serving one or more of its operating establishments. Each auxiliary establishment for which a report on form NC-X6 was submitted was classified as to the nature of the activity it performed and as to the 2-digit industry category of the establishment(s) which it primarily served. The form requested information on employment as of March 15 and payrolls for the year, as well as a percentage breakdown of its employment total, by the type of activity that the employees were performing—administrative work, research and development work, warehousing, direct selling, etc. In addition to this information, the report form also collected data on the total sales that were made for the company from the central office or auxiliary, the cost of research and development work done, value of inventories held, and the capital expenditures for structures and equipment.

The information on the central administrative offices (CAO) and auxiliaries has been tabulated separately and appears as part of the Census Bureau's report, *Enterprise Statistics 1963*, Part 2, Central Administrative Offices and Auxiliaries. In that publication, information will appear not only by 2-digit industry of the establishments served but also by type of function performed and industry category of owning company. In the census of manufactures, the employment and payrolls of central administrative offices and auxiliaries serving manufacturing have been added to the

figures for operating establishments into the State, county, standard metropolitan statistical area, and city all-manufacturing totals. Whenever industry detail is provided, the employment and payroll at the central administrative offices and auxiliaries appear as a separate 2-digit industry category at the end of the list of industries. In the manufacturing sector, in 1963, there were approximately 5,300 such establishments which accounted for 726 thousand employees with payrolls of \$6.6 billion, representing 4 percent and 7 percent, respectively, of the totals of all manufacturing employment and payrolls. It should be noted also that employment of CAO's has been increasing more rapidly than employment of operating establishments, partially the result of the tendency of larger companies to centralize operations formerly carried on a decentralized basis at each plant. (See table F.)

Other Related Forms in the 1963 Economic Censuses:

Form NC-KL, Company Summary Report Form.—This form requested, for the consolidated company, information on payrolls, employment, sales or receipts, inventories, capital expenditures, value of assets, and rental payments. It was restricted to companies with 250 employees or more in the industries included in the economic censuses.

Based on information filed on the establishment reports of the multiestablishment companies, the entire company was classified into 1 of 179 enterprise industry categories developed by grouping the Standard Industrial Classification industries. A special report, *Enterprise Statistics, 1963*, Part 1, General Report on Industrial Organization, provides tables showing the characteristics and diversification of these multiestablishment companies as derived from the information on census establishment reports.

TABLE F. Comparison of Employment and Payrolls at Operating Manufacturing Establishments and Central Administrative Offices and Other Auxiliaries Serving Them

Period	Operating establishments		Central administrative offices and auxiliaries ¹			
	Employees	Payrolls	Employees	Payrolls	As a percent of total ¹	
	(1,000)	(billion dollars)	(1,000)	(billion dollars)	Employees	Payrolls
1963.....	16,234	93.3	726	6.6	4.3	6.6
1958.....	15,423	73.9	602	4.5	3.8	5.7
1954.....	15,645	63.0	453	2.9	2.8	4.4
Percentage increase:						
1958 to 1963.....	6	26	20	47	(X)	(X)
1954 to 1958.....	-1	17	33	54	(X)	(X)

X Not applicable.

¹The total is the sum of operating establishments plus auxiliaries.

Form CB-51, Wholesale Sales Branches and Sales Offices of Manufacturing Companies.—As part of the census of business, information was collected on the sales branches and sales offices of manufacturing companies. In addition to figures on employment and payrolls, these forms requested information on inventories held at and sales, by merchandise line, from these locations. The merchandise lines in the census of business for these wholesale branches and offices are very similar to the classes of products used in the manufacturing area. The totals of the two areas cannot be directly compared inasmuch as the sales from the sales branches and offices include products which were bought and resold as well as those of the company's own manufacture.

Special Surveys Relating to the 1963 Census of Manufactures.—In addition to the information collected on the standard 1963 census of business, manufactures, and mineral industries forms, additional information was collected on special survey forms. The census of manufactures publications also contain the data collected in these various special but related surveys, as described below. The publications, described below, appear as chapters in Volume I, Summary and Subject Statistics.

Form MC-D3, Department of Defense Establishments, and MC-D4, Penal Institutions were used to collect information on government-owned and government-operated manufacturing establishments. These forms were used to collect information on two types of establishments: (1) Manufacturing facilities owned and operated by the Department of Defense, and (2) prison industries (Federal, District of Columbia, and State). The data were prepared with the cooperation of the Department of Defense, the Department of Justice, and the District of Columbia and State prison systems. For Department of Defense installations, information is provided on employment, man-hours, payrolls, cost and value of work done, by industry group and by State. For prison industries, however, only product data is included in the census of manufactures reports. For a detailed description of the methods used to collect this information and the data presented, see the Special Report, Manufacturing Activity in Government Establishments, at the end of this volume.

Form MC-D12, Supplementary Inquiries for 1962.—In order to reduce the burden of the 1963 census on the respondent and the Census Bureau, information on horsepower rating of equipment in place by type of equipment, fuels consumed by the type of fuel, and electric energy was collected for 1962 and restricted to those establishments included in the annual survey of manufactures. In previous censuses, this information had been requested

on the standard census forms. Information is published on these items by industry, by State, and by standard metropolitan statistical area. Within State or standard metropolitan statistical area, 2-digit industry detail is provided wherever possible. For details on this special survey, see Volume I, Summary and Subject Statistics, chapters 6 and 7.

Form MA-175, Report on Shipments to or Receipts for Work Done for the Federal Government Agencies and Their Contractors and Suppliers for 1963.—To measure the impact of government procurement on the economy and on geographic areas, form MA-175 was mailed to approximately 2,500 annual survey of manufactures establishments accounting for over 95 percent of all shipments and receipts of 30 defense-oriented industries which account for the major portion of government procurement. The survey provided information on the value of products shipped to or receipts for work done for Federal agencies, their contractors, subcontractors and suppliers. The information was further subdivided into shipments or receipts on government prime contracts and to other manufacturers in the ultimate performance of Federal Government contracts.

Information on employment and value of shipments by class of product and by Federal agency is provided. Likewise, information is available for States and SMSA's by broad industry groups within each geographic area wherever possible.

Special Survey Form MA-161, Origin of Exports of Manufactured Products.—This report form was mailed to a special subsample of the annual survey of manufactures plants with 100 employees or more and exporting more than \$25 thousand per year. The report provides information on the value of manufacturers' exports by State, standard metropolitan statistical area, and by industry of the producing plant.

MC-D13, Industrial Water Use, 1964.—This special survey, although collecting data for the year 1964, was conducted as part of the 1963 Census of Manufactures. The form was mailed to approximately 10,000 establishments which had indicated on their census of manufactures form consumption of 20 million gallons or more of water in 1963. Information is provided on water intake and discharge by industry and by area.

9. DEVELOPMENT OF THE MAILING LIST

The manufacturing plants included in the census of manufactures were identified as part of the overall program to develop the mailing list for the 1963 censuses of business, manufactures, and mineral industries.

The Internal Revenue Service (IRS) maintains a comprehensive list of names and addresses of legal entities with one employee or more which are required to file quarterly tax returns under the Federal Insurance Contributions Act. To each of these legal entities, IRS has assigned a unique employer identification (EI) number. Arrangements were made to obtain this list of EI numbers for the selection of those companies which were to be included in the 1963 censuses of business, manufactures, and mineral industries. Since this list contained many companies not within the scope of the economic censuses, it was matched to a similar list of EI numbers maintained by the Social Security Administration (SSA). In cooperation with IRS, the SSA assigns an industry code to every EI number based on information reported by the taxpayer when he applied for an EI number. Only those EI numbers with industry codes within scope of the economic censuses were included in the basic mailing list.

This list of EI numbers provided the industry code necessary to select the current report form and a payroll size code to determine whether a standard or a short form was to be mailed. However, the list was defective in one basic respect: The EI number applies to a legal entity and not to an individual establishment, the basic unit for which census data is required.

Therefore, it was necessary to supplement this list by contacting all known or possible multiestablishment companies to obtain a list of their individual plants or business locations. In January of 1963, a prec canvass form (NC-X1, Listing of Establishments) was sent to all companies that had indicated in the 1958 Census of Manufactures or the 1962 Annual Survey of Manufactures that they were operating at more than one location. In addition, all "apparent" single-establishment companies in the IRS-SSA file of EI numbers with sizeable employment were included in this prec canvass.

For the known multiestablishment companies, the Census Bureau prelisted the establishments as they had been last reported to the Census Bureau (the 1958 census except for the manufacturing companies which had reported for their manufacturing establishments in the 1962 Annual Survey of Manufactures). The company was requested to update this list by deleting closed locations, correcting the addresses, reporting the current EI numbers used for each plant, as well as adding any locations operated but not already included in the listing. The EI numbers reported for these multiestablishment companies were excluded from the list of EI numbers obtained from IRS-SSA prior to mailing the 1963 census report forms. Thus, the 1963 Census of Manufactures list for single-establishment companies was obtained from the IRS-SSA, but the list of plants of mul-

tiunit companies was obtained directly from those companies by a special precensus survey.

While the IRS-SSA list was generally adequate in providing sufficient industry and size information to determine the proper form for mailing, a number of the EI numbers did not have precise industry or size information associated with them. A special form (NC-X3, General Report) was mailed to all such companies in the 1963 censuses of business, manufactures, and mineral industries. Since it was assumed that these establishments were quite small, only limited statistics were required. On the basis of the information reported, these establishments were coded and included in the basic tabulations. If the NC-X3 indicated substantial activity, the company was recontacted with a standard census form.

The 1963 census was distributed and returned by mail. The very large complex multiestablishment companies were mailed their report forms in November 1963 to give them as much lead time as possible to meet the substantial demands of the 1963 census on their statistical staffs. Report forms for the smaller companies were mailed in January 1964. Collection was completed by August 1964. All mailing and receiving, including the various reminder mailings as well as routine editing, coding, and card punching, was done at the Census Bureau's Operations Office in Jeffersonville, Ind. The more difficult problem reports and all reports from very large companies were sent to Washington for review prior to punching. The punched data were transmitted to Washington through a telephone computer link-up and all computer processing, review of the tabulated data, and the preparation of the publications were performed there.

10. COMPLETENESS OF COVERAGE AND ACCURACY OF THE DATA

Since the 1963 mailing list was considered to be complete, no field coverage check was conducted. There was a concerted effort to assure completeness of coverage through systematic reminders at 4- to 6-week intervals including the use of certified mail, telegrams and, for the larger companies, telephone calls.

Considerable attention has been devoted to assuring completeness and correctness of the reporting by large companies. In the early stages of processing, the individual establishment reports of the very large companies were reviewed along with the company summary report, form NC-K1, to make certain that the company had included reports for all its establishments and subsidiaries and that there was no duplication in reporting among manufacturing, minerals, central offices, and sales branches and offices. The NC-K1 was also a vehicle for the company to report changes in ownership since the census prec canvass was

conducted in the preceding year. Accurate company affiliation information is necessary, it should be noted, to enable the Census Bureau to review the tabulations to assure confidentiality of the data; to provide statistics for the "enterprise statistics" program; and, in manufacturing, to prepare the company concentration ratios by industry and product class. Part 2 of form NC-K1 required that the parent company reconcile its payroll figures by employer identification numbers filed with the Internal Revenue Service to those reported on the individual censuses of manufactures, business, and mineral reports. As a result of this comparison, omissions were detected as well as duplication of the reporting within the census establishment file.

As part of the computer edit of the data, all "annual survey of manufactures" establishments in the census were matched to the list of establishments in the 1962 Annual Survey of Manufactures. All large unmatched establishments were reviewed to make certain that plants which changed ownership, were newly established, or had been closed down since 1962 were properly handled. Furthermore, during the review of the published data, whenever there was a significant change from the previous year in the totals for each industry or geographic area, the reports were checked out individually to make certain that there was no inadvertent omission or duplication in reporting between years, and that the change was valid.

All report forms in manufacturing were audited by the computer. The figures reported in 1963 by each of the 60,000 annual survey of manufactures establishments were compared to those reported in 1962. Establishments with significant increases or decreases in any data item or with significant changes in selected operating ratios (e.g., cost of materials per dollar of shipments, payroll per employee, production-worker wages per man-hour, etc.) were identified for subsequent review by the Bureau's statisticians. Small establishments with problems were tentatively accepted or modified by the computer but annotated for subsequent examination.

The operating ratios of the 250,000 smaller establishments not in the annual survey of manufactures were edited against industry averages developed from the 1958 Census of Manufactures and brought up to date through the 1962 Annual Survey of Manufactures data. In the review of the tabulations prior to the publication of the final reports, the selected operating ratios for all establishments were analyzed and the mean ratio for all establishments in each industry determined. A frequency distribution of establishments according to operating ratio class was prepared, and those establishments whose ratios were more than two standard deviations from the industry

average were isolated as "outliers," examined and, if necessary, corrected. A similar type of analysis was made for the individual products shipped and the individual materials consumed. A unit value was calculated for each item reported by an establishment. An industry average unit value was also calculated and a frequency distribution tabulation of unit values prepared. Extreme unit-value cases were isolated and corrected during the preliminary and final table review.

II. EXPLANATIONS OF TERMS USED IN COLLECTION AND PUBLICATION OF DATA

11. EMPLOYMENT AND RELATED ITEMS—GENERAL

The census of manufactures provides information on employment and payrolls at operating establishments and central administrative offices and auxiliaries. The standard form for operating establishments collected the number of production workers by quarter and all other employees as of the 15th of March, as well as annual payrolls for production workers and other employees separately. Form NC-X6, Central Administrative Offices and Auxiliaries, collected figures on employment as of March 15 and payrolls for the year.

In presenting the data, the employment and payrolls of central administrative offices and auxiliaries which serve manufacturing plants are included in the all-industries totals in every summary table (U.S., State, standard metropolitan statistical area, county, and city). However, whereas the operating establishments were coded to a 4-digit manufacturing industry, the administrative offices and auxiliaries were coded only to the 2-digit industry group of the establishments they served. Thus, in all tables with industry detail, the administrative offices and auxiliaries are shown as a separate industry group following the industries in Major Groups 39 and 19.

Separate statistics for all central administrative offices and auxiliaries including those of nonmanufacturing companies will be published as part of the 1963 censuses of business, manufactures, and mineral industries in *Enterprise Statistics 1963*, Part 2, Central Administrative Offices and Auxiliaries. In that publication, information will appear not only by 2-digit industry of the establishments served but also by type of function performed and industry category of owning company.

12. EMPLOYMENT OF OPERATING MANUFACTURING ESTABLISHMENTS

All Employees.—The category "all employees" comprises all full-time and part-time employees on the payrolls of operating manufacturing establishments who worked or re-

ceived pay for any part of the pay period which included the 12th and ended nearest the 15th of the months specified on the report form. At the all-industry level, the employees of central administrative offices and auxiliaries are included. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Officers of corporations are included as employees; proprietors and partners of unincorporated firms, however, are excluded from the total.

Production and Related Workers.—

This category comprises workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Supervisory employees above the working foreman level are excluded from this category.

All Other Employees.—"All other employees" are nonproduction personnel of the manufacturing establishment, including those engaged in the following activities: Factory supervision above the working foreman level, sales (including driver salesmen), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and utilized as a separate work force.

Average Employment.—The 1963 Census of Manufactures report forms requested employment figures for "production and related workers" for four selected pay periods (i.e., production worker midmonth employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus, the "annual average" of operating establishments is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."

This approach was initiated in the intercensal annual surveys of manufactures to simplify the schedule format and lighten the reporting burden of respondents, since it was found that the average of these selected pay

periods approximates very closely the average employment for the year that would be obtained from the 12 pay periods for almost all industries.

The employment figure shown for all industries in most tables is the 4-month average.

For a few highly seasonal industries, production-worker figures were collected for all 12 months and are shown in Volume II, table 3, for those industries.

13. PAYROLLS OF OPERATING MANUFACTURING ESTABLISHMENTS

For each industry, this total includes the gross earnings paid in the calendar year 1963 to all employees on the payroll of operating manufacturing establishments. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation such as salaries, wages, commissions, dismissal pay, all bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of these establishments, if a corporation; it excludes payments to the proprietor or partners, if an unincorporated concern. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll of manufacturing establishments.

The 1963 census definition of payrolls, identical to that recommended to all Federal statistical agencies by the Bureau of the Budget, is also the same as the 1958 census definition. It should be noted that this definition does not include employers' Social Security contributions, or other nonpayroll labor costs such as employees' pension plans, group insurance premiums, and workmen's compensation.

As in the case of employment figures, the payrolls of separate central administrative offices and auxiliary units of multiestablishment companies are not included in the totals for individual industries or industry groups.

14. MAN-HOURS OF PRODUCTION AND RELATED WORKERS

This total consists of all plant man-hours of production and related workers as defined above. It represents all man-hours worked or paid for at the plant including actual overtime hours (not straight-time equivalent hours.) It excludes hours paid for vacations, holidays, or sick leave, when the employee was not at the plant. Where employees elected to work during the vacation period, only actual hours worked by such employees were reported.

Man-hours were generally well reported except in some industries, like apparel, where work is commonly performed on a piece-rate basis. However, man-hours were not collected for the very small establishments which were mailed special short forms (see section 8). Experience has shown that these small establishments have difficulty in distinguishing between production and other types of employees. Man-hours were estimated for these small establishments as well as for other nonreporters. Because estimating was largely confined to small establishments, there is no significant qualification to the validity of overall industry and geographic area totals for man-hours, except for sawmills and a few other industries characterized by small establishments. However, the man-hour figures for establishments with fewer than 10 employees, shown in the size of establishment tables, should be interpreted with this factor in mind.

15. MATERIALS

Cost of Materials, Etc., Consumed.—A summary inquiry on the 1963 census report forms requested information on the cost of materials, supplies, semifinished goods, fuels, and electric energy, actually consumed or put into production during the year and the cost of products purchased for resale, by each manufacturing establishment, whether purchased, withdrawn from inventories, or received from other establishments of the company. Included also were the costs of materials supplied by the establishment which were processed elsewhere on contract for the establishment. (The products produced elsewhere under contract for the establishment are included in the value of shipments of the establishments; see section 16, value of shipments).

"Cost" was defined as the direct charges actually paid or payable for items consumed or put into production during the year, after discounts, and including freight charges and other direct charges incurred by the establishment in acquiring the materials.

To arrive at the industry total "cost of materials, etc.," separate figures were obtained for (a) the total delivered cost of all raw materials, semifinished goods, parts, components, containers, scrap, and supplies consumed or put into production in 1963; (b) the amount paid for electric energy purchased; (c) the amount paid for all fuels consumed for heat, power, or the generation of electricity; (d) the cost of work done by others on materials or parts furnished by manufacturing established (contract work); and (e) the cost of products bought and resold in the same condition.

It should be noted that the cost of fuel consumed under "c" above does not include fuel used as a material in the manufacturing process; for example, coal used in the produc-

tion of coke. Such costs were included with other materials cost in category "a" above.

The total excludes the cost of services used, such as advertising, insurance, telephone, etc., and developmental, research, and consulting services of other establishments. It also excludes overhead costs, such as depreciation charges, rent, interest, royalties, etc., and it excludes materials, machinery, and equipment used in plant expansion or capitalized repairs which are chargeable to fixed assets accounts.

For materials received from other plants of the same company or from a central materials depot (whether at the same or different physical location), the respondent was asked to value the items at their full economic value as produced, plus freight and other direct handling charges. The respondent was asked to check, where possible, that reported costs equaled the value of shipments reported for the items by the company's plant which produced and transferred the goods plus the freight and other direct charges (see value of shipments, section 16).

A summation of industry cost of materials figures to industry group totals results in large and unknown amounts of duplication, owing to the addition of costs reported by related industries engaged in successive fabrication stages in the production of finished manufactured products. For this reason, cost-of-materials figures shown at the industry group (2- and 3-digit) and all-industry levels must be used with caution. With some important exceptions (such as refrigeration machinery, radios and television receiving sets, and motor vehicles and parts), this duplication is not significant within individual 4-digit industries.

Individual Materials Consumed.—In addition to the total cost of materials which every establishment was requested to report, quantity and cost information was collected on 633 specific materials.

Of these materials, 314 were "complete coverage" materials; i.e., every industry that consumed appreciable quantities of the material was canvassed so that the data would represent at least 90 percent of manufacturing consumption. For the remaining 319 "partial coverage" materials, information on consumption was obtained on a more limited basis, generally only in those industries in which the materials were important inputs. Consumption information was also collected for an additional 492 items which were produced and consumed in the same plant as part of the product sections of the report forms.

Because American industry uses an enormous variety of materials, the number of materials for which "complete coverage" consumption data (90 percent or higher) were ob-

tained had to be strictly limited. The selection of a particular material for such coverage was, therefore, based on the following criteria:

- (1) The importance of the material as measured by the total value of U.S. consumption of the material;
- (2) The percentage of total consumption accounted for by manufacturing establishments;
- (3) The availability of consumption information from manufacturers' records; and
- (4) In certain instances, other factors such as the strategic importance of the material or the availability of historical data on the use of the material.

The materials included on a limited coverage basis were chosen not only because they constituted important inputs for particular industries but frequently because they provided information necessary to classify plants by SIC industry.

The individual materials are shown by industry of the consuming establishment in Volume II, table 7's. In Volume I, Summary and Subject Statistics, information is shown for most of the complete-coverage materials according to industry and geographic area of consuming establishment.

The data on materials consumed relate generally to the quantity and cost of materials purchased or transferred from other plants of the same company. However, for selected materials which are also importantly produced for use within the same establishment, information was requested on such "captive" production in quantity terms only.

Some undercoverage exists in the statistics for most individual materials. The undercoverage results from the fact that:

- (1) Individual materials consumption information was obtained only from establishments using one of the census of manufactures standard forms, except on industries for which the short forms were modified to request consumption of a limited number of important materials. For the most part, therefore, plants with a very small number of employees are not represented in these statistics.
- (2) Establishments consuming less than a specified amount of material were not requested to report consumption of the material separately. For the majority of individual materials, the minimum amount was \$5,000.

The use of such cutoffs, as well as the use of short forms, is not believed to have had a significant effect on the totals for most materials. However, for industries where a sizeable proportion of the activity is accounted for by small establishments or where a specified material is used in relatively small quantities, the above limitations may be of some consequence.

16. PRODUCTS

Value of Shipments.—Except in a few industries, the respondents were instructed to report net selling values, f.o.b. plant, after discount and allowances and excluding freight charges and excise taxes. In a few industries, specifically noted in the text of the industry chapters, Volume II, delivered prices were acceptable if delivery was included as an integral part of the plant operations, such as in the milk and bakery industries.

Manufacturers were asked to include as products shipped, not only the products made in the establishment but also those made elsewhere under contract from the materials owned by the establishment. Included were all products sold, transferred to other plants of the same company, or shipped on consignment.

In addition, manufacturers reported receipts for contract work performed for others, resales (i.e., the value of all products resold without further processing), receipts for miscellaneous activities such as sale of scrap and refuse, and the value of installation and repair work performed by the plant employees. Although the value of products bought and resold without further processing is included in the value of shipments totals for each industry, it is excluded from the figures for individual products or classes of products.

Multiestablishment companies were asked to report value information for each establishment as if it were a separate economic unit. They were instructed to report the value of all products transferred to other plants of the company at their full economic value; i.e., to include, in addition to direct cost of production, a reasonable proportion of company overhead and profits.

Individual Products.—In the 1963 census program, information was collected on the output of approximately 10,000 individual product items. The term "product" as used in the census of manufactures represents the finest level of detail for which output information was requested. Consequently, it is not necessarily synonymous with the term product as used in the marketing sense. In some cases it may be much more detailed and in other cases it is more aggregative. For example, "pharmaceutical preparations" was distributed

into nearly 100 items, whereas, "automotive gasoline" was reported as a single item.

Some 6,000 of the product items were listed separately on the 1963 census report forms. Data for the remaining 4,000 products were obtained in the monthly, quarterly, or annual surveys comprising the Current Industrial Reports series of the Census Bureau.⁸ Totals for the year 1963 for these items as derived from the commodity surveys are shown in the "products shipped" table (table 6) in the industry chapters of Volume II together with the tieline total value collected in the census for reconciliation. Appendix F contains a complete listing of the surveys in the Current Industrial Reports program with page references in Volume II where the data appear.

The list of products for which separate information was collected was prepared after consultation with industry and government representatives. Comparability with previous figures was given considerable weight in the selection of product categories so that comparable 1958 information is presented for most products.

Typically, both quantity and value of shipments information was collected. However, if there was no meaningful physical quantity measure that could be reported by manufacturers, only value of shipments was collected.

As mentioned earlier, shipments include both commercial shipments and transfers of products to other plants of the same company. For industries in which a considerable portion of the total shipments are transferred to other plants of the same company, separate information on interplant transfers was also collected. Moreover, for products which are used to a large degree within the same establishment as materials or components in the fabrication of other products, total production and often consumption of the item within the plant was collected. Typically, the information on production was also collected for products for which there are significant differences between total production and shipments in a given year because of wide fluctuations in finished goods inventories. Alternate measures of output of products, such as value of work done for products with long production cycles, were used as appropriate and feasible.

Classes of Products.—For the purpose of summarizing the product information, the separate products were aggregated into classes of products which were, in turn, grouped into all primary products of each industry. The code structure used is a 7-digit number for the individual product, a 5-digit code for the class of product, and a 4-digit code for the total pri-

mary products in an industry (see section 6 for application of coding structure to the assignment of SIC codes for establishments).

The 10,000 product items in the 1963 census (including products from the Current Industrial Reports program) were grouped into approximately 1,100 separate classes. Products were grouped into product classes to bring out significant differences in the broad types of products within a 4-digit industry. General similarity of the kind or purpose of the products or of the manufacturing processes, type of markets, or of materials used, were the basis for product combinations. The economic significance of the class was also taken into account; residual products of an industry were grouped when the products were not sufficiently significant in dollar value to warrant separate classes.

As a result of the increased number of respondents included in the product-class shipments totals, these categories lend themselves to many more cross tabulations than do the 7-digit products, without disclosing information about the operations of individual companies. In the industry chapters of Volume II, table 6D provides information on the value of shipments of product classes by State; and table 5B, by industry of the establishment producing them. The latter table is the best vehicle for showing the primary and secondary product mix of an industry, as well as the interrelationship between the 4-digit industry value of shipments and the 4-digit product group value of shipments. In table 8, the product class is used to provide finer industry-type general statistics by classifying establishments within an industry according to the degree to which they specialize in producing a specific class of products.

The class of product concept was incorporated by the Census Bureau into its own program with the 1947 Census of Manufactures after it developed the technique in the compilation of World War II production statistics. Product classes formed the basis of collecting product information in the annual survey of manufactures when that survey was initiated in 1949. The classes have been revised over the succeeding years to improve the balance and significance of product combinations within each industry and to keep abreast of the growth and decline of products.

17. INDEXES OF PRODUCTION AND UNIT VALUE.

Based on the type of quantity and value statistics shown in table 6A's of the Industry Volume, preliminary indexes of production and unit value (value of shipments divided by quantity of shipments) have been constructed for the primary products of the industry produced or shipped by all producers, including those in other industries. These indexes are shown in table 6B's of the industry

⁸ See 1963 Census of Manufactures, MC63-2, Numerical List of Manufactures Products, and MC63-1, Alphabetic List of Manufactures Products.

chapters. The 1958 unit values were used as weights in construction of a weighted aggregative production index. A unit-value index, weighted by quantity of production or shipments, was also constructed. The latter index was used, where necessary, to deflate value of shipments of products for which no satisfactory quantity data were available.

A special census of manufactures report will be issued, in cooperation with the Federal Reserve Board, on indexes of production, consolidating the information shown in the 6B tables into group and total indexes and discussing in some detail the objectives and methodology of the indexes and the data problems and limitations. That report will contain revisions of the table 6B indexes and will include indexes for some industries not previously published.

18. INDUSTRY AND COMMODITY APPROACHES TO VALUE OF SHIPMENTS

In the census of manufactures tables, value of shipments figures are shown for 4-digit industry and 4-digit product groups which are primary to an industry. Both categories are identified by the same 4-digit number and title. However, the two sets of figures must be distinguished carefully in use.

Under the industry approach, each plant is assigned to one or the other of the approximately 425 4-digit industries. This is done primarily to secure information on pay-rolls, man-hours, cost of materials, value added by manufacture, and other matters which relate to the operations of the entire plant. As part of this process, the entire shipments of the plant are also assigned to a particular industry. This will include its output not only of products classified in the industry (primary products) but of products classified in other industries as well (secondary products) and miscellaneous receipts and resales. The value of shipments on an industry basis appears in tables described as "General Statistics" (e.g., most tables in Volume I; and tables 1, 2, 3, 4, and 8 in Volume II).

Tables 6A through 6C in the industry chapters of Volume II are tabulated on a commodity basis and provide value-of-shipments figures for 4-digit product groups as well as 5-digit product classes and 7-digit products on a wherever-made basis. The 4-digit value figures are derived by aggregating the values of individual products (or product classes) shipped, irrespective of the industry code of the establishment shipping them. Thus, the 4-digit product-group total avoids the complications of secondary products and miscellaneous receipts inherent in the 4-digit industry value of shipments.

From census to census, the value figures for some 4-digit product groups show

greater stability than the comparable 4-digit industry value of shipments. The latter includes the contribution of some establishments which are highly diversified and only marginally coded to the industry. Minor and temporary shifts in product mix could reclassify such establishments from one industry to another without any substantial or permanent change in their operations. In the annual survey of manufactures and the 1963 Census of Manufactures, this erratic shifting was minimized by the application of a resistance factor which required that large establishments (100 employees or more) be reclassified only if there was a very substantial shift in product mix or evidence that the newer product mix remained stable over a number of years. (See also section 6 above.)

19. DUPLICATION IN COST OF MATERIALS AND VALUE OF PRODUCTS

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. With some important exceptions, such as motor vehicles and parts, this duplication is not significant within individual 4-digit industries. However, it is significant at the 2-digit and 3-digit industry groups because these totals often include industries which represent successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the "Food Group" and the addition of pulp mills to paper mills in the "Paper and Allied Products Group" of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication—the value of finished manufactures—tends to approximate two-thirds of the total value of products reported in the census of manufactures.

Because the amounts of duplication contained in the cost of materials and value of products figures cannot be measured with any degree of precision, these data are not shown in the geographic area tables (Volume III) and caution is urged with their use when they are provided at the 2- and 3-digit industry group level in Volumes I and II.

Even where no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry.

The difference between the industry and the commodity approach can be illustrated by the example of fabricated structural steel.

While the major share of the output of these products comes from plants which are principally engaged in their production, substantial quantities are also manufactured by plants classified in other industries, such as boiler-shop products, sheet-metal work, and miscellaneous metal work. At the same time, plants classified in the fabricated metal products industry also manufacture products of other industries. The resultant overlapping is evident from the excerpt from table 5B in the Industry Volume, below.

Thus, it will be seen that of the total shipments of \$1,916 million by plants classified in the fabricated structural metal industry, \$1,432 million consisted of products of this industry, while \$237 million consisted of products of other industries, and \$247 million of miscellaneous receipts. Shipments of fabricated structural steel products totaled \$1,604 million, of which \$172 million was contributed by plants classified in other industries.

It should be noted that the figures shown in table 5B for the total value of shipments of the 5-digit product classes and the 4-digit product groups are the subtotals and totals of the individual products in table 6A which bear the same first 5-digit and 4-digit code numbers.

In order to measure the extent to which industry and product statistics may be compared, two measures have been developed—the “specialization ratio” and the “coverage ratio.” The specialization ratio measures the extent to which the plants in an industry spe-

cialize in making the products primary to that industry. It is derived by dividing the total output (both primary and secondary products) of the industry's plants into their output of products primary to the industry. Thus, in the above illustration, the specialization ratio is 0.86; that is, shipments of fabricated structural steel products account for 86 percent of all products made and shipped by plants in that industry ($1,432 \div 1,669 = .86$). The coverage ratio measures the extent to which the products primary to an industry are shipped by plants classified in that industry. In the illustration, the coverage ratio is 0.89; that is, 89 percent of all shipments of fabricated structural steel products was made by plants primarily engaged in the manufacture of these products ($1,432 \div 1,604 = .89$). These ratios appear in tables 1 and 5A in the industry chapters, Volume II, and in appendix B, industry descriptions, Volumes I and III.

In table G, industries are grouped by 1963 specialization and coverage ratios. In 1963, as in 1958, approximately 95 percent of manufacturing employment is included in industries with specialization of 80 percent or higher. Nine of 412 industries, for which the industry (primary product) specialization ratio was published for 1963, had ratios of 100 percent and 218, with 56 percent of the employment in all industries for which the ratios were published, had ratios between 90 and 99 percent. Only 29 of the 412 industries showed ratios below 80 percent. The higher the ratio, the smaller the output of secondary products; conversely, the lower the industry specialization

Excerpt from table 5B in Industry Chapters— INDUSTRY PRODUCT ANALYSIS—VALUE OF SHIPMENTS: 1963
(Millions of dollars)

Product class code	Class of products and miscellaneous receipts	All industries	Fabricated structural metal (SIC 3441)	Other industries
	Total shipments of the industry.....	(X)	1,916	(X)
3441-	Fabricated structural steel, total.....	1,604	1,432	172
34411	Fabricated structural metal for buildings.....	984	894	190
34412	Fabricated structural metal for bridges.....	225	210	215
34413	Other fabricated structural metal.....	287	221	366
34410	Fabricated structural metal, n.s.k.....	108	107	1
.....	Secondary products.....	(X)	4237	(X)
.....	Miscellaneous receipts (contract work, repair work, sales of scrap, resales, etc.).....	(X)	247	(X)

¹Includes \$21 million shipped from industry 3443, boiler shop products; \$11 million shipped from industry 3444, sheet-metal work; \$10 million from industry 3449, miscellaneous metal work, n.e.c.; and \$7 million from industry 3731, shipbuilding and repair.

²Includes \$2 million shipped from industry 3443, boiler shop products.

³Includes \$9 million shipped from industry 3443, boiler shop products, and \$2 million from industry 3446, architectural metal products.

⁴Includes the following products: 34421, metal doors and frames (except storm doors), \$7 million; 34422, metal window sash and frames (except storm sash), \$3 million; 34432, fabricated steel plate, \$31 million; 34438, metal tanks and vessels, custom fabricated at the factory, \$7 million; 34441, sheet-metal roofing, siding, and drainage equipment, \$15 million; 34442 culverts, flumes, irrigation pipes, \$8 million; and 34443, other sheet metal work, \$8 million.

TABLE G. Frequency Distribution of Industries by 1963 Primary Product Specialization and Coverage Ratios

Ratio class	Primary product specialization ratio			Coverage ratio		
	Number of industries	Employees		Number of industries	Employees	
		Number (1,000)	Percent of total		Number (1,000)	Percent of total
Total.....	¹ 412	15,937	100	² 413	15,494	100
100 percent.....	9	163	1	15	583	4
90 to 99 percent.....	218	8,954	56	186	8,220	53
80 to 89 percent.....	156	5,760	36	121	4,021	26
70 to 79 percent.....	21	631	4	45	1,436	9
60 to 69 percent.....	6	409	3	23	672	4
Under 60 percent.....	2	20	(³)	23	562	4

¹Excludes 13 industries with 297 thousand employees.

²Excludes 12 industries with 740 thousand employees.

³Less than 0.5 percent.

ratio, the higher the output of secondary products. Lower industry specialization ratios give evidence of diversity of output by an industry and overlap with other industries. Over time, decreasing industry specialization ratios would be a manifestation of the need for revision of the classification structure.

20. VALUE ADDED

Value added by manufacture is derived by subtracting the total cost of materials (including materials, supplies, fuel, electric energy, cost of resales and miscellaneous receipts) from the value of shipments (including resales) and other receipts and adjusting the resulting amount by the net change in finished products and work-in-process inventories between the beginning and end of the year.⁹

⁹ For a few industries (e.g., aircraft, ship building) where value of work done is substituted for value of shipments, no adjustment is made for change in inventories. In a few other industries where value of production is collected, the inventory adjustment is made only on the basis of change in work-in-process inventories.

Value added avoids the duplication in the value of shipments figure which results from the inclusion of the shipments of establishments producing materials and components along with the shipments of establishments producing finished products. It does not exclude, as described in the paragraph below, purchased services. Nevertheless, it is considered to be the best value measure now available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Value added by manufacture should not be confused with "national income originating in manufacturing," as presented in the national income by industrial origin estimates compiled by the Office of Business Economics (OBE), Department of Commerce. (See tables H and I.) The latter measure is the sum of factor costs incurred by an industry in production and is, therefore, a more "net" concept of value added than that used in the census of manufactures. "Income originating" excludes,

TABLE H. Comparison of National Income Originating in Manufacturing and Value Added by Manufacture

(In billions of dollars)

Year	National income originating in manufacturing ¹	Value added by manufacture	Col. (1) divided by col. (2)	Year	National income originating in manufacturing ¹	Value added by manufacture	Col. (1) divided by col. (2)
1963.....	143.8	192.1	0.75	1956.....	113.1	144.9	0.78
1962.....	137.0	179.3	0.76	1954.....	94.6	117.0	0.81
1961.....	125.1	164.2	0.76	1947.....	59.5	² 74.3	0.80
1960.....	125.8	164.0	0.77	1939.....	18.1	24.5	0.74
1959.....	124.0	161.3	0.77	1935.....	13.4	18.5	0.72
1958.....	107.7	141.5	0.76	1933.....	7.7	14.0	0.55
1957.....	116.3	147.8	0.79	1929.....	21.9	30.6	0.72

¹Source: National Income and Product Accounts of the U.S., Survey of Current Business, August 1965, p.42; July 1966, p. 15.

²1947 and earlier figures are unadjusted value added.

TABLE I. Comparison of National Income Originating and Value Added, by Major Industry Group: 1963

(In billions of dollars)

Code	Industry group description	National income originating ¹	Value added by manufacturing	Col. 1 divided by col. 2
	Manufacturing.....	143.8	192.1	0.75
	Nondurable goods.....	57.5	83.4	0.69
20	Food and kindred products.....	13.4	21.8	0.61
21	Tobacco manufactures.....	1.2	1.7	0.71
22	Textile mill products.....	4.7	6.1	0.77
23	Apparel and other fabricated textile products.....	5.6	7.9	0.71
26	Paper and allied products.....	5.1	7.4	0.69
27	Printing, publishing, and allied industries.....	7.3	10.5	0.70
28	Chemicals and allied products.....	10.4	17.6	0.59
29	Petroleum refining and related industries.....	4.6	3.7	1.24
30	Rubber and miscellaneous plastics products.....	3.3	4.6	0.72
31	Leather and leather products.....	1.7	2.1	0.81
	Durable goods.....	86.2	108.7	0.79
24	Lumber and wood products, except furniture.....	3.5	4.0	0.88
25	Furniture and fixtures.....	2.3	3.1	0.74
32	Stone, clay, and glass products.....	5.0	7.0	0.71
33	Primary metal industries.....	11.5	15.3	0.75
34	Fabricated metal products.....	9.2	11.8	0.78
35	Machinery, except electrical.....	14.0	17.3	0.81
36	Electrical machinery.....	12.3	17.0	0.72
19	{ Transportation equipment and ordnance, except motor vehicles.....	10.4	25.6	0.87
37		11.8		
38		3.5		
39		2.5		
	Miscellaneous manufacturing industries.....		3.6	0.69

Source: Survey of Current Business, July 1966 p. 15.

in addition to cost of materials, such other costs as depreciation charges, State and local taxes (other than corporate income taxes), allowance for bad debts, and purchases of services from nonmanufacturing enterprises, such as contract costs involved in maintenance and repair, services of development and research firms, services of engineering and management consultants, advertising, telephone and telegraph expense, insurance, royalties, patent fees, etc.

In part, the national income originating estimates are prepared from company rather than establishment data. This method results in the inclusion of some part of the net value added by nonmanufacturing establishments of companies classified as being primarily manufacturing, and conversely, in the exclusion of some part of the net value added by manufacturing establishments of companies classified as primarily *nonmanufacturing*. It is believed that for manufacturing as a whole the net effect increases income originating. (In fact, in the Petroleum and Coal Products major industry group, nonmanufacturing activities of manufacturing companies are so significant that this is the one major industry group in

which OBE "income originating" exceeds Census "value added by manufacture.")

Figures are not available to permit a reconciliation of the estimates for value added in manufacturing and the national income originating in manufacturing for the current period. However, in 1957, the Census Bureau conducted a special survey, MC-D11, "Selected Costs and Assets of Manufacturing Establishments," which collected information on some of the costs included in value added for services purchased from other sectors or excluded from the national income estimates. These specific costs which accounted for about \$15 billion of the \$148 billion of value added in 1957 were maintenance and repairs, \$4.5 billion; insurance, \$.7 billion; property taxes, \$1.5 billion; rental payments, \$1.4 billion; and depreciation, \$7.3 billion. The residual value added, \$132 billion was approximately \$16 billion in excess of national income of \$116 billion.

Table J presents an approximate reconciliation of national income and value added figures for manufacturing in 1957. The national income estimates for payrolls and other fac-

TABLE J. 1957 Comparative Statistics on Value Added and National Income in Manufacturing

(In billions of dollars)

Item	Value added	National income ¹
Total.....	\$147.8	\$112.5
Payrolls.....	89.4	87.9
Payrolls of operating manufacturing establishments.....	76.4	} ² 80.6 ³ 7.2
Supplements to wages in operating manufacturing establishments.....	6.0	
Payrolls of central administrative offices and auxiliaries, sales branches and offices of manufacturing companies.....	47.0	
Other factor incomes (Corporate profits, proprietary income).....	24.6	24.6
Costs of manufacturing establishments reported on MC-D11.....	15.4	(X)
Not part of national income:		
Depreciation.....	7.3	(X)
Property taxes.....	1.5	(X)
Probably included in other sectors:		
Maintenance and repairs.....	4.5	(X)
Rental payments.....	1.4	(X)
Insurance.....	0.7	(X)
Other costs (Company overhead (other than payrolls included above); e.g., depreciation, business taxes, and services purchased at the company level; and services purchased directly by plants (adver- tising, legal, accounting, and other professional services; com- munications, patent fees, royalties, travel costs, etc.).....	18.4	(X)

(X) Not applicable.

¹Prior to 1958 revisions of national income.²Payrolls.³Supplements to wages.⁴Estimated based on figures reported for 1958 in the census of business, manufactures, and minerals.

tor income in that year are based on the unrevised national income figures which are somewhat lower than the revised estimates appearing in table H. It should be noted that the labor costs included in national income and value added are reasonably close despite the fact that they are computed on a slightly different basis. If the proprietary and profit incomes of the company-based national income estimates are allocated to the establishments included in the census of manufactures, value added exceeds national income by \$35 billion of which \$15 billion is attributable to costs reported on survey MC-D11. Somewhat more than half of the \$35 billion excess represents the inclusion in value added by manufacture of purchased business services arising in other economic sectors; the remainder reflects conceptual differences arising from the inclusion in value added of indirect business taxes and depreciation which are excluded by definition from national income.

21. INVENTORIES

The value of beginning-of-year and end-of-year inventories, respectively, held by each manufacturing establishment was obtained in the 1963 census. Separate inventory figures

were requested for (1) finished products; (2) work in process; and (3) materials, supplies, fuel, and other inventories.

Respondents were asked to report their inventories at approximate current costs, if feasible; otherwise "at book values." Since different methods of inventory valuation are used (LIFO, FIFO, etc.), the definition of the value of inventories aggregate for all establishments in an industry is not precise. The figures on change in inventory between the beginning and the end of the year are of considerably greater significance.

In using inventory data by stage of fabrication for all industries and at the 2-digit industry level, the following should be noted: An item treated as a finished product by an establishment in one industry may be reported as a raw material by another establishment in a different industry. For example, the finished product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and all manufacturing which are merely aggregates of figures reported by establishments in specified

industries. Further, the total finished goods inventory for "all manufacturing" includes items that are not finished manufactured products.

For a few industries in the food group, there are special problems in the handling of inventories by stage of fabrication. These are industries in which the production cycle is short, the products are usually stored under controlled conditions, and the products are aged. Included among such types of products are meat products, stemmed and dried tobacco, cheese, and whiskey. It is not clear whether such products should be treated as finished goods inventories or as work in process while in storage.

In the meat processing industries, establishments were allowed to report finished products and work in process combined as finished products. In the distilling industry, products stored for aging were to be reported as finished products. In all foods industries, substantial finished goods inventories have been reported. These data have been summarized in the inventory tables in a consistent manner for all of the years included in this report.

22. EXPENDITURES FOR PLANT AND EQUIPMENT

In the 1963 census, manufacturers were asked to report expenditures made during the year for permanent additions and major alterations to their plants, as well as for new machinery and equipment purchases, that were chargeable to fixed asset accounts of manufacturing establishments and were of a type for which depreciation accounts are ordinarily maintained. Expenditures for machinery and equipment were to include those made for replacement purposes, as well as for additions to plant capacity. Excluded from such expenditure totals are costs of maintenance and repairs charged as current operating expense; new facilities and equipment leased from non-manufacturing concerns; new facilities owned by the Federal Government but operated under contract by private companies; and plant and equipment furnished to the manufacturer by communities and organizations.

In addition to total capital expenditures, respondents were requested to indicate the following subtotals: (a) New structures and additions to plant (including major alterations and capitalized repairs and improvements); (b) new machinery and new equipment (including capitalized repairs and improvements); and (c) expenditures for used plant and used equipment acquired from others (including the U.S. Government). In most tables of these publications, the statistics on capital expenditures are confined to a total of new plant and equipment (items "a" and "b" above). However, in table 3 of the industry chapters in Volume II, and in Expenditures for Plant and Equipment, chapter

5 in Volume I, separate figures are shown for each type of expenditure.

The figures include (a) the expenditures made at manufacturing plants that were in operation during any part of the year, plus (b) expenditures made at plants that were not as yet in production. The data on capital expenditures for plants not in production at the end of 1963 were collected on a separate report form (MA-101) requesting companies to report the value of new plant and new equipment put in place during the year. The form also requested description of the type of products that would be made so that the establishment could be classified into a 4-digit industry. This form was sent to (a) the 1,500 largest manufacturing companies; (b) all other companies which indicated on the census of manufactures establishment report form or the "Listing of Establishments" Form NC-X-1 that they had one or more manufacturing plants under construction but not yet in operation at the close of 1963.

The Census Bureau estimates of capital expenditures tend to be lower than those published in the joint Office of Business Economics-Securities and Exchange Commission survey. (See table K below.) In addition to normal sampling variation, a major source of differences is to be found in the scope of the two series. Census data relate only to manufacturing establishments, whereas the OBE-SEC series cover all establishments of manufacturing companies—nonmanufacturing as well as manufacturing. This factor is particularly important in the petroleum industry where company expenditures for developing new wells and new distribution facilities are ordinarily much larger than their capital expenditures at refineries. On the other hand, manufacturing establishments of companies engaged primarily in non-manufacturing activities are excluded from the OBE-SEC series but included in Census figures.

TABLE K. Expenditures for New Plant and Equipment for Manufacturing—OBE-SEC and Census of Manufactures Compared

(In billions of dollars)			
Year	OBE SEC	Census	Census as percent of OBE SEC
1963.....	\$15.7	\$11.4	0.73
1962.....	14.7	10.0	0.68
1961.....	13.6	9.8	0.72
1960.....	14.5	10.0	0.69
1959.....	12.1	9.3	0.77
1958.....	11.4	9.6	0.84
1954.....	11.0	8.2	0.74
1947.....	8.7	¹ 6.0	0.69

Source: U.S. Department of Commerce, Office of Business Economics Business Statistics, 1963, and the Census of Manufactures.

¹Excludes plants under construction but not yet in operation.

Both series, it should be noted, exclude expenditures for plant and equipment at establishments owned by the Federal Government but operated under lease or contract by private companies.

23. FUELS, ELECTRIC ENERGY, AND POWER EQUIPMENT

In industry table 7B, Volume II, and in chapter 6, Volume I, information on the use of detailed fuels and electric energy and on the horsepower of power equipment in place is provided for the year 1962. This information was collected as part of the 1963 Census of Manufactures on a special sample survey, "MC-D-12, Supplementary Inquiries for 1962." The information was collected for the year prior to the regular census in order to reduce the reporting burden on the respondents and the tabulation burden on the Bureau of the Census during a major census year. The survey report form was mailed to all establishments included in the 1962 Annual Survey of Manufactures. Insofar as these figures are based on a sample, they must be considered approximations and subject to sampling error. A more complete discussion of the compilation and limitations of these data appear in the introductory text to chapter 6, Volume I.

Totals for prime movers and electric motors are shown separately. The horsepower ratings for "prime movers" include information for such types of power equipment as internal combustion engines, steam and hydraulic turbines, and reciprocating steam engines. The totals for prime movers are further separated between those driving electric generators and those used for other purposes. The statistics for prime movers not driving generators exclude data for automobiles, trucks, and other highway equipment.

The aggregate horsepower figure represents the unduplicated rating for total installed equipment and thus provides a measure of the mechanical power available in manufacturing establishments. The figure is derived by summing the horsepower rating of prime movers and that for electric motors driven by purchased electricity. To secure the latter figure, the total horsepower for electric motors was distributed, by establishment, into two categories: Motors driven by purchased electricity and motors driven by energy generated at the establishment. For the relatively small number of establishments which both generate and purchase electricity, the total horsepower for electric motors was prorated on the basis of the ratio of the net quantity purchased to the net total for electricity consumed.

As in past censuses, respondents were requested to report horsepower of stand-by equipment as well as equipment in operation at the end of the year, including all prime movers and motors in mobile (except automo-

biles, trucks, and other highway equipment) as well as in stationary equipment.

Separate data are shown for coal, coke, fuel oil, gas, and other fuels used for heat and power; purchased electric energy; electric energy generated by manufacturing establishments; and energy generated less sold. Total figures for purchased fuels and electric energy were published as part of the 1962 Annual Survey of Manufactures at the 2-digit major group and selected 3-digit industry group levels.

24. PLANT SPECIALIZATION DATA

As discussed above, the relationship between the product output and the statistics on employment, payrolls, cost of materials, and value of shipments for an industry can be measured by the specialization ratio and the coverage ratio for the industry. At the aggregate industry level, these data relationships are presented in tables 5A and 5B of the industry reports. For each establishment, two measures of its degree of specialization are prepared: (1) A 4-digit primary product-specialization ratio which is the sum of the values of all the plant's primary products divided by the sum of all its primary and secondary products; and (2) a 5-digit primary product-class specialization code which is the sum of the largest 5-digit product-class value divided by the sum of its primary and secondary products (contract work and miscellaneous receipts and resales are not included in these calculations). For example, assume that an establishment reported the following:

Total value of shipments	\$1,000
Miscellaneous receipts and resales	15
Total products shipped	985
32721 Concrete pipe products	100
32722 Precast concrete products	785
32730 Ready mixed concrete	100

This plant would be coded into the 4-digit SIC industry 3272, *Concrete Products*, with a primary product specialization ratio of 90 percent ($\$885 \div 985$); it would be subclassified into the 5-digit class 32722, *Precast Concrete*, with a primary product class specialization ratio of 80 percent.

In the census of manufactures, general statistics (employment, payrolls, cost of materials, value of shipments, etc.) have been tabulated to 4-digit industry and 5-digit primary product-class levels on the basis of assigning the plant totals to the principal 4- and 5-digit codes representing its output. Table 8 of the industry chapter, Volume II, provides general statistics for those 4- and 5-digit industry categories with subtotals for the two largest specialization classes (90 percent and over, 75 to 90 percent). Not all industries and product classes can be shown in table 8 without disclosing figures for individual companies.

Certain product classes are primary to more than one industry. The industry classification of establishments primarily producing such classes of products is determined on the basis of the kind of operation performed in the establishment; e.g., making the product from purchased materials or from materials produced at the same location. In the plant specialization data (table 8), product classes primary to two or more industries are shown in each of the respective industries. For each industry, the specialization data by industry and product class include only those establishments producing the class of product in the manner defined (e.g., lubricating oils from purchased materials).

Table 8 of the Industry Volume permits analysis of an industry in terms of the differences introduced by variation among establishments in the degree of specialization in the products of the industry or a subgroup (5-digit). For example, where the ratios of various statistics tend to be different for establishments specializing to different degrees in the products of the industry or in different product classes, the ratios for the industry as a whole would be significantly affected by shifts in product mix. It should be noted that for those industries in which a production process results in the manufacture of byproducts or other similarly higher correlated products which are separate product classes in the census, the degree of specialization in each of the product classes tends to be somewhat lower.

Differences in the degree of integration of production processes within establishments are often more important than the element of product mix. A partial measure of differences arising from this factor can be derived for some industries through the metalworking operations or other equipment data. For some other industries, data on the production and use of products within the same establishments may be used as an approximate measure.

III. SPECIAL INQUIRIES, REPORTS, AND PROCEDURES

25. SPECIAL INQUIRIES

Selected Metalworking Operations.—For all industries in SIC Major Groups 35 and 37, and for selected 4-digit industries in Groups 19, 33, 34, 36, and 38, the 1963 census included a special inquiry on "Selected Metalworking and Related Operations" to provide a measure of certain metalworking and related facilities in manufacturing. The following operations were included in this inquiry: foundry (iron or steel); foundry (nonferrous, except die castings); die casting (nonferrous metal only); forging—presses, hammers, or upsetters; electroplating and other plating; gal-

vanizing and other hot-dip coating; heat treating of metals for production purposes; automatic screw machine department; machine shop; tool and die shop, if separate from machine shop; pattern shop (foundry patterns only—metal, wood, etc.); plate or structural fabrication; stamping, blanking, and forming of metals; painting, lacquering, and enameling of metals; plastics molding; assembly of product; and shipping department (including packing and crating).

In Volume I, Chapter 9, Selected Metalworking Operations, the number of establishments performing these operations and the number of production workers engaged in these operations classified by size of the specific operation are shown by industry in table 1 and, for selected operations, by geographic division and State in table 2. The size distribution is based on the number of production workers usually employed in the operation. In addition, for selected industries, the actual number of man-hours worked by production workers in specified operations is also shown. The metalworking operations data by industry are also presented in table 9 of the industry chapters in Volume II.

Information on selected metalworking operations was obtained for practically all industries where such operations are important. For individual industries or groups of industries, the inquiry on metalworking and related operations was tailored to fit the principal operations that were characteristic of those industries.

In many industries, however, small establishments reported on a short form that did not include the inquiry on metalworking operations. Also, a few larger establishments that filed standard forms did not report their metalworking operations. This has resulted in an understatement of the number of establishments maintaining specific operations, primarily in the smallest size class, and to a much smaller degree an understatement of the total number of production workers in the operation.

An approximation of the coverage in terms of number of production workers is provided for both industry and geographic totals. The coverage for most industries is over 90 degree an understatement of the total number larger establishments predominate.

For foundry operations, the number of plants operating foundries consists of the number reporting the operation for each industry plus the number of establishments classified in the foundries industries. For forgings operations, the number of plants operating forge shops consists of the number reporting the operation for each industry plus the number of establishments classified in the forgings industries. In footnotes to table 1,

1963 data are shown for the number of establishments classified in these industries. For example, in addition to establishments shown in the table as operating foundries and die casting facilities, the number of establishments classified in the foundry industries is given in the footnote. In the State table, separate columns have been included giving the number of establishments classified in these industries in each State. Similarly, the form used by respondents in industry 3471, Planting and Polishing, did not include the metalworking inquiry. Consequently, data for establishments in these latter industries were presented in the same manner as for the foundry industries.

A limited inquiry covering machine shops and pattern-shop operations was included for the foundry industries, and an inquiry covering machine shops and tool and die shops was included for the forgings industries.

Selected Equipment Data.—An inventory of textile equipment in place was obtained for a number of the important machines used in the basic textile industries. These data, grouped by type of operation or industry activity of the plant, are shown in a separate chapter in the Industry Volume. Information regarding the coverage of the inquiry is also shown.

Special Departmental Reports.—For paper plants, stone and clay plants, steel plants, aluminum rolling mills, brass mills, and nonferrous wire drawing and insulating plants, where vertically integrated activities are characteristic of establishment operations, selected employment information regarding certain departmental activities was obtained in the 1963 census, as had been done in the 1958 census. Information relating to pulping departments, printing employment, and presses in paper and paperboard converting plants, quarrying activities, and selected operations in steel plants, aluminum rolling mills, brass mills, and nonferrous wire drawing and insulating plants is shown in the chapters for these industries in the Industry Volume.

Distribution of Products or Sales.—There was a series of special inquiries which collected information on the distribution of specific products; e.g., sales of packaged milk by retail and wholesale routes; the number and payroll of delivery employees engaged in the milk, bakery, soft drink, and beer industries; sale of books and storage batteries by class of customer; the circulation of periodicals by type of periodical and frequency of issue; production of shoes and slippers by type of construction.

The data resulting from these selected special inquiries on the standard census forms appear in the chapters for the industry in Volume II.

26. SUBJECT REPORTS SHOWN IN VOLUME I, SUMMARY AND SUBJECT STATISTICS

In Volume I, there are several summary reports on inventories, capital expenditures, size of establishments, type of organization, power equipment in place, fuels and electric energy, materials consumed, water use, shipments of defense-related products, operations of government-owned establishments, exports of manufactured products, and the degree of concentration in manufacturing.

Most of these chapters are merely summarizations or special compilations of data reported on the standard census forms and presented in the industry or area chapters. Others, however, are the result of information collected on special surveys. The introduction to each of these latter reports describes the report form used, and the sampling or compilation techniques used to assemble the data.

The following chapters which are re-compilations of basic data reported on the census of manufactures report forms should be noted.

Size of Establishment.—Each establishment in the census is coded not only to an industry and geographic location but also by its size based on the average number of employees for the year. These size tabulations provide significant insight into the variations in operating ratios among plants within an industry and between industries. Information on the number of establishments, employment, payrolls, value added, value of shipments, and capital expenditures is presented for 10 employment size classes in each industry in table 4, Volume II, and in chapter 2, Summary Volume I. In Volume I, size information at the 2-digit industry and all-manufacturing levels is presented.

Type of Organization:

Multiunit, Single-Unit Establishments.—Information on whether plants are independent or part of multiestablishment companies contributes importantly to our knowledge of the structure of manufactures in the United States. However, this classification is affected by the way the census of manufactures is conducted. Prior to the 1954 census, the census of manufactures was conducted independently and the multiunit classification was assigned if the company operated more than one manufacturing plant. Beginning in 1954, it has been part of the overall census of business, manufactures, and mineral industries and the multiunit classification applies to companies that may have only one manufacturing plant but also operate separate retail, wholesale, service, or minerals establishment, or a separate administrative office.

The proportion of employees and of value added by manufacture accounted for by multiunit plants has grown rapidly since 1947. (See table L.)

TABLE L. Multiunit Plants as a Percentage of Total Manufacturing

Year	Employees	Value added by manufacture
1963.....	68	76
1958.....	65	74
1954.....	61	68
1947.....	56	59

However, some of the increase from 1947 to 1954 was a consequence of taking the censuses of manufactures, mining, trade, and services simultaneously in 1954, but not in 1947.

Legal Form of Organization.—Each establishment was asked to report the forms of organization of the company which operated it; e.g., corporation, partnership, proprietorship, cooperative. In chapter 3, Volume I, selected general statistics are shown for each 4-digit industry for each of these forms of business organization. Cooperatives are combined with “other” forms of business organization because of the disclosure problems. In manufacturing, about half the plants are operated by corporations but these plants account for about 95 percent of value added by manufacture.

Concentration Ratios in Manufacturing.—In chapter 11 of Volume I, information is provided on the share of all manufacturing accounted for by the 50, 100, 150, and 200 largest manufacturing companies ranked by their total value added in manufacturing for 1963, 1958, 1954, and 1947. Information is also shown for the share of value of shipments in each 4-digit industry accounted for by the 4, 8, 20, and 50 largest companies in each of these industries. A description of the methods used in compiling these data accompanies the tables in Volume I.

27. IMPUTATION OF DATA

Each “key” census total called for on the standard forms had its counterpart in the various short forms. The short forms, however, did not require the detailed distribution of such totals (see section 8, The Census Report Forms). It was necessary, therefore, to impute figures for these missing detail items in order to publish universe totals of manufacturing activity.

Imputation of missing items, which was done on an industry basis, was made feasible

by use of the Census Bureau’s high-speed electronic computer. The procedures for imputation were of two types: (1) Production workers, production-worker wages, and man-hours were imputed from fixed ratios specified in advance from historical relationships of these items to total employees and total payroll; (2) other items, such as capital expenditures and inventories, were imputed on the basis of their historical relationship to value of shipments. Missing detail was generally imputed on the basis of the historical relationship of the item to its respective total.

For industries characterized by establishments of some size, the percentage of imputation of general measures such as employment and payrolls, cost of materials, inventories, expenditures, and the like is negligible; for the industries in which small establishments account for a significant portion of the total, the percent may go as high as 10 or 25, but this occurs only in a handful of industries. Of the various statistics, man-hours worked tended to have a higher degree of imputation than the other items due to difficulties in reporting those data by small and medium-size establishments.

The major exceptions to the imputation procedure for missing data were the detailed products and materials, metalworking operations, and equipment inquiries. The value of products and the cost of materials, parts, supplies and containers for establishments not reporting the detailed inquiries were treated as “unspecified” materials or products in the appropriate tables. For metalworking operations and equipment, the statistics were based on establishments reporting data, with appropriate measures of coverage shown in the tables.

28. CONFIDENTIALITY OF DATA FOR INDIVIDUAL COMPANIES

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. In the 1963 census, as in previous censuses, preference was given to geographic regions and divisions over individual States in applying disclosure rules; similarly, States took precedence over standard metropolitan areas, while such areas were given preference over counties, and counties over cities. In tables showing industry detail, major industry group (2-digit) totals were given preference over industry group (3-digit) totals which, in turn, had precedence over individual (4-digit) industries. Similarly, in product tables, 4-digit product groupings took precedence over 5-digit product classes; the latter were given precedence over individual 7-digit products.

Such order of precedence was used because (1) it was considered preferable to show

regional data for an industry, even at the cost of withholding data for some (usually the least significant) State in a region, rather than to show all publishable data for the individual States and group the disclosure States throughout the United States in an "all other" category as was done in the 1939 and earlier censuses; and (2) by giving preference to industry group statistics over individual industries within each State, the extent to which individual States can be compared within the SIC industry classification framework is increased.

For each producing State not shown separately in table 2 of the Industry Volume, a footnote gives the number of establishments and either an employment range or the actual employment figure. The employment is shown in a range if the State had less than 1,000 employees, and the employment data represented the total for only one or two companies, or if the exact figure would permit deriving (by subtraction) the number of employees in other States represented by only one or two companies. In addition, figures for States with less than 100 employees are shown only in the footnote together with the number of establishments and employment in a range.

In the Area Volume, figures are not shown for a county or for an industry within a State, metropolitan area, or principal industrial county if the publication of such statistics would disclose information for individual companies. In table 4 of that Volume, however, the number of establishments is shown for every county and the number of employees for most counties represented by three or more companies. Moreover, all counties having manufacturing establishments are included in table 7, showing for each county, the distribution by employment size of establishments in each major industry group.

A special series of publications entitled "Location of Manufacturing Plants" was originally developed for the 1954 census and has been continued in subsequent censuses. In these publications are tables showing the number of establishments cross-classified by 4-digit industry, county, and employment size class. This is the maximum information which can be provided at such narrow industry-area-size categories without disclosing figures for individual companies. These data are designed to meet the needs of (a) those involved in economic development programs at the regional, State, and local area levels, (b) those engaged in industrial market analysis or allocation of

sales territories, and (c) those concerned with industrial dispersion, regional shifts of industry, and similar problems. For a more complete description of the content of these publications, see the publication statement in the introduction of this volume.

For industries with few establishments or considerable geographic concentration, it has frequently been necessary to use geographic regions broader than the traditional nine census divisions in order to show all plants by some geographic grouping. For this purpose the following combinations of Census divisions have been used:

NORTHEAST
New England
Middle Atlantic

NORTH CENTRAL
East North Central
West North Central

SOUTH
South Atlantic
East South Central
West South Central

WEST
Mountain
Pacific

29. ABBREVIATIONS

The following abbreviations and symbols occur frequently in tables and footnotes:

—	Zero
X	Not applicable
NA	Not available
n.e.c.	Not elsewhere classified
n.s.k.	Not specified by kind
lin.	Linear
equiv.	Equivalent
hp	Horsepower
kw.-hrs.	Kilowatt-hours
D	Withheld to avoid disclosing figures for individual companies
SIC	Standard Industrial Classification

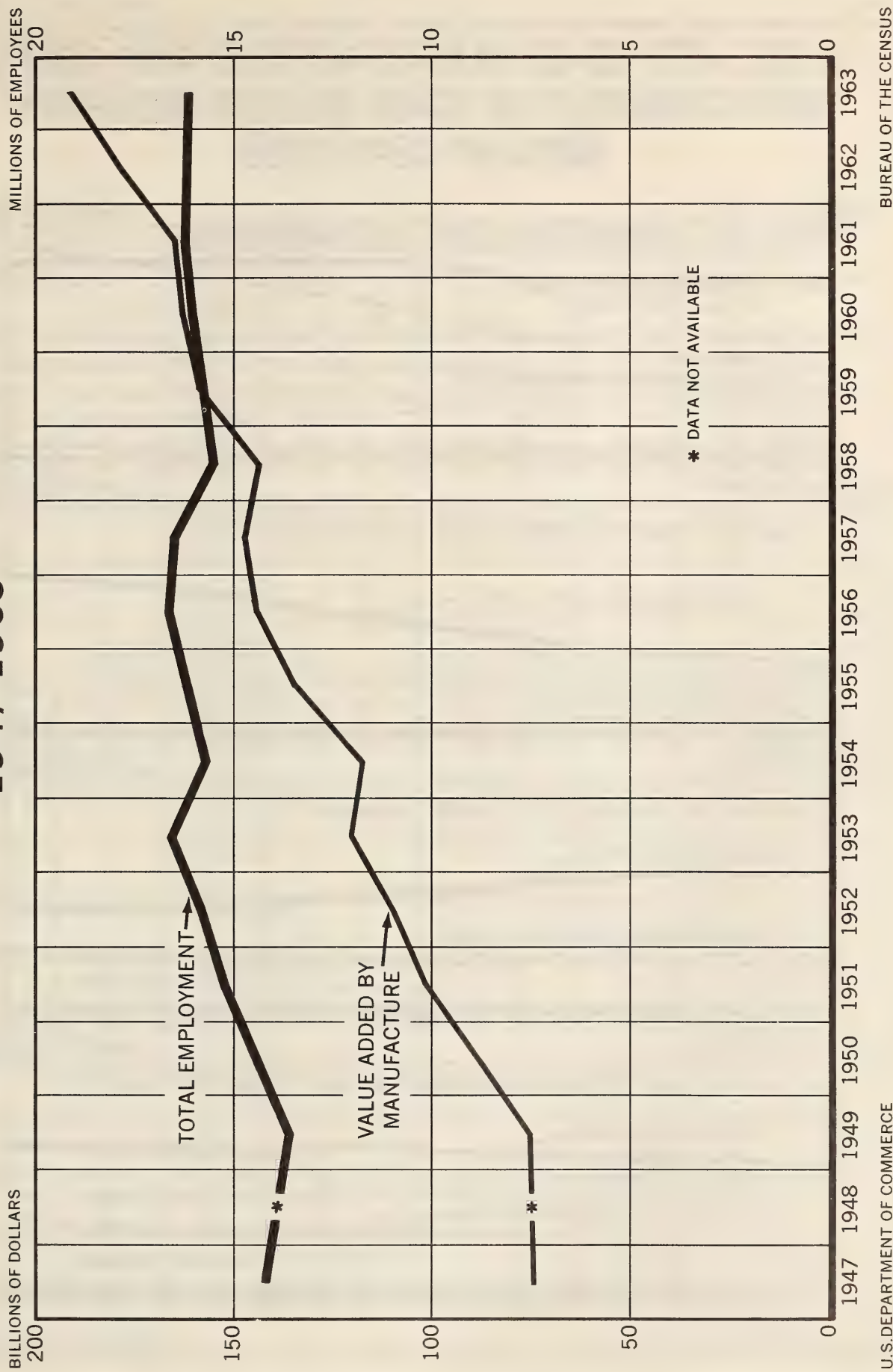
Other abbreviations, such as lb., gal., yd., doz., and bbl., are used in the customary sense. Where the term "tons" only is used, it refers to short tons of 2,000 pounds; where the figures are expressed in tons of 2,240 pounds, the unit of measure is specified as "long tons" or "gross tons."

Charts and General Summary Tables

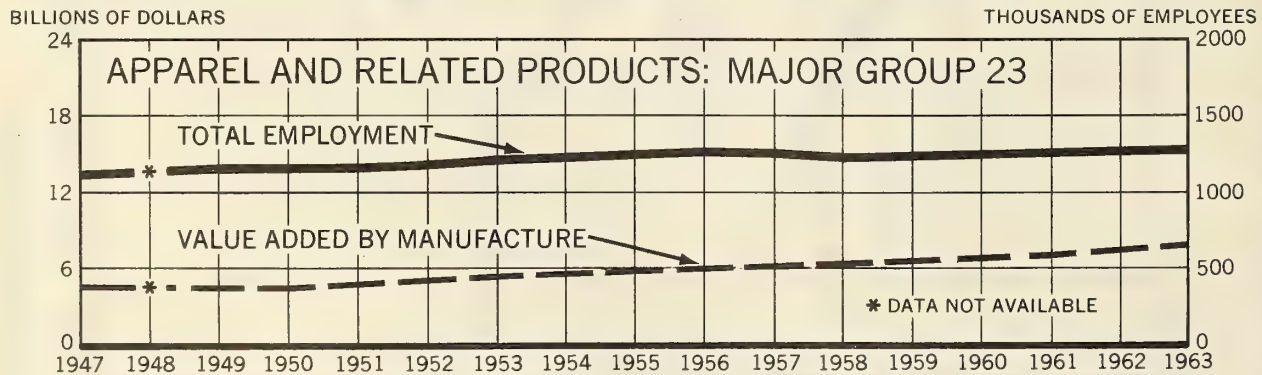
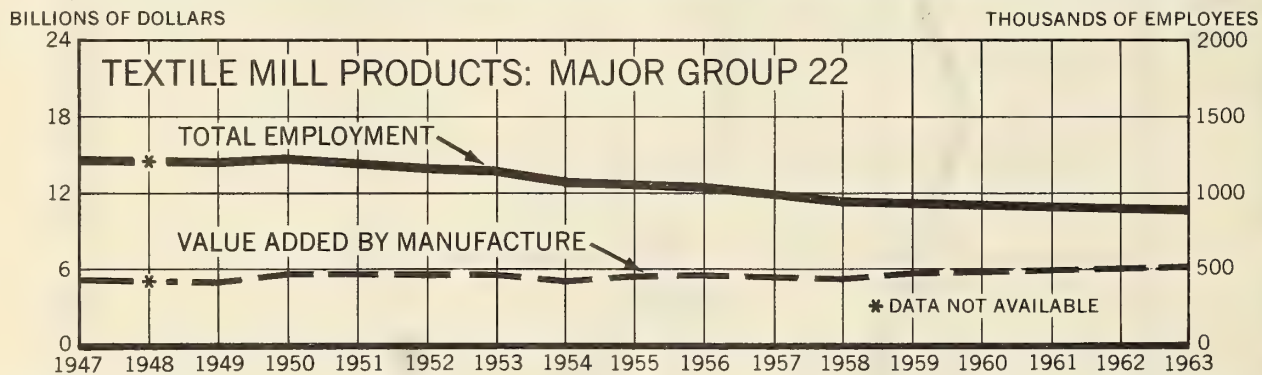
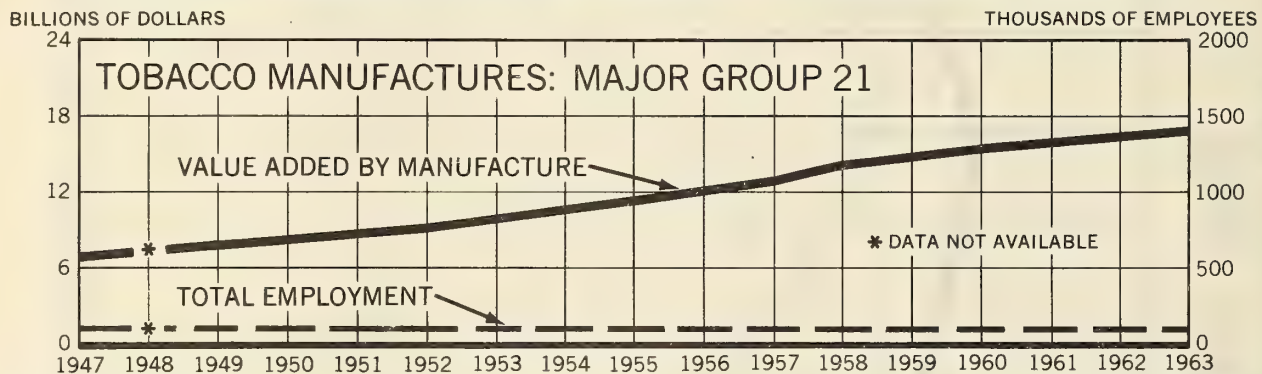
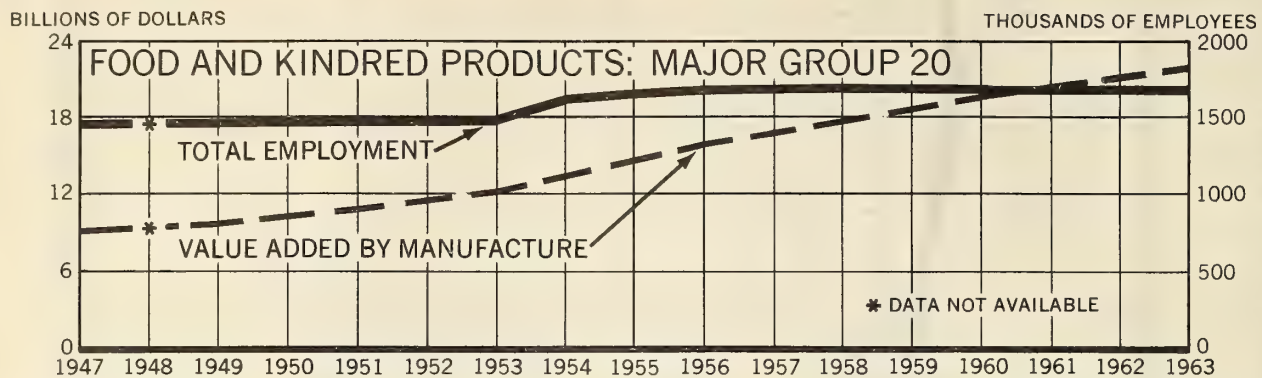
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Chart 1

VALUE ADDED BY MANUFACTURE AND TOTAL EMPLOYMENT: 1947-1963



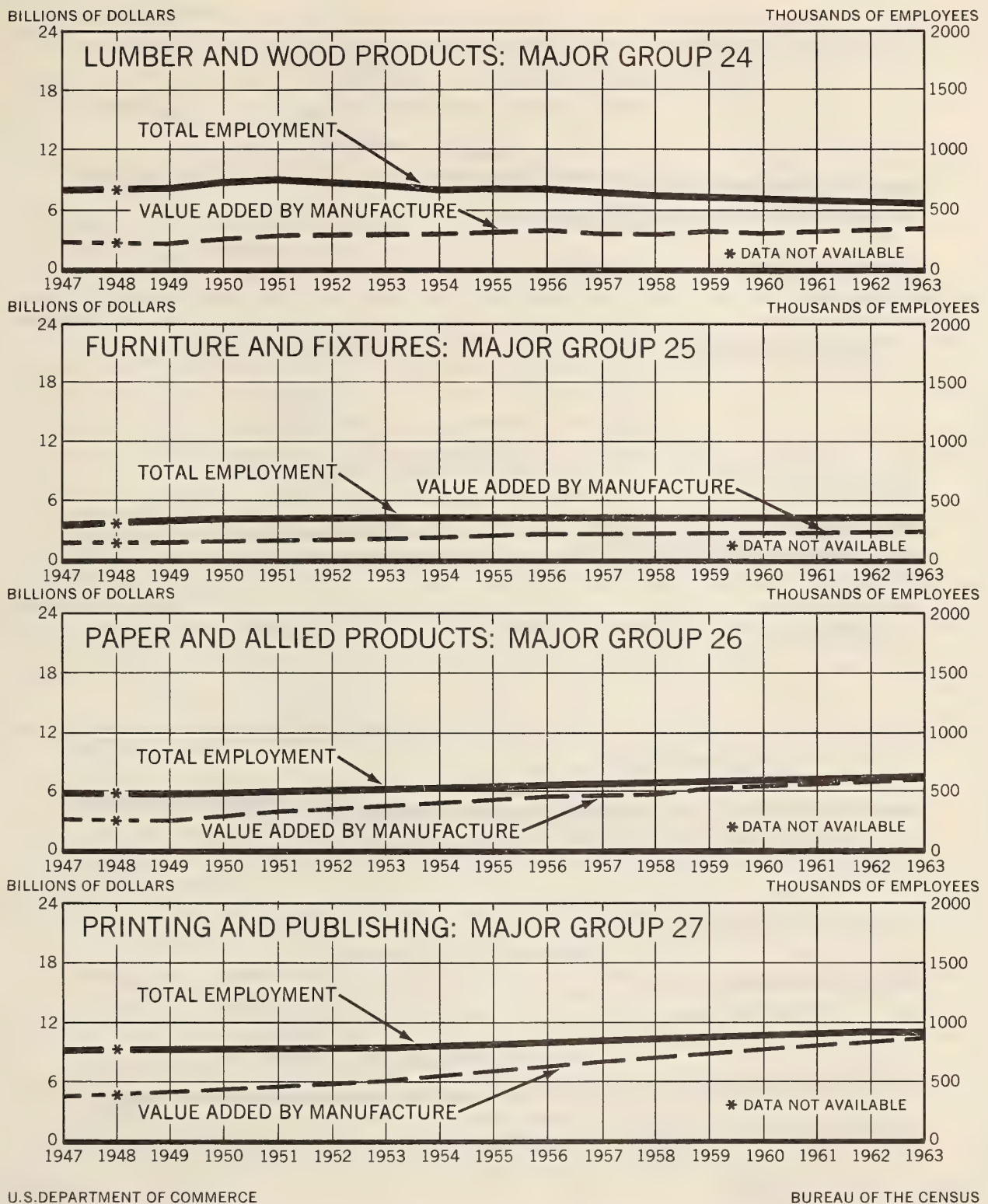
VALUE ADDED BY MANUFACTURE AND TOTAL EMPLOYMENT, FOR EACH MAJOR INDUSTRY GROUP: 1947-1963



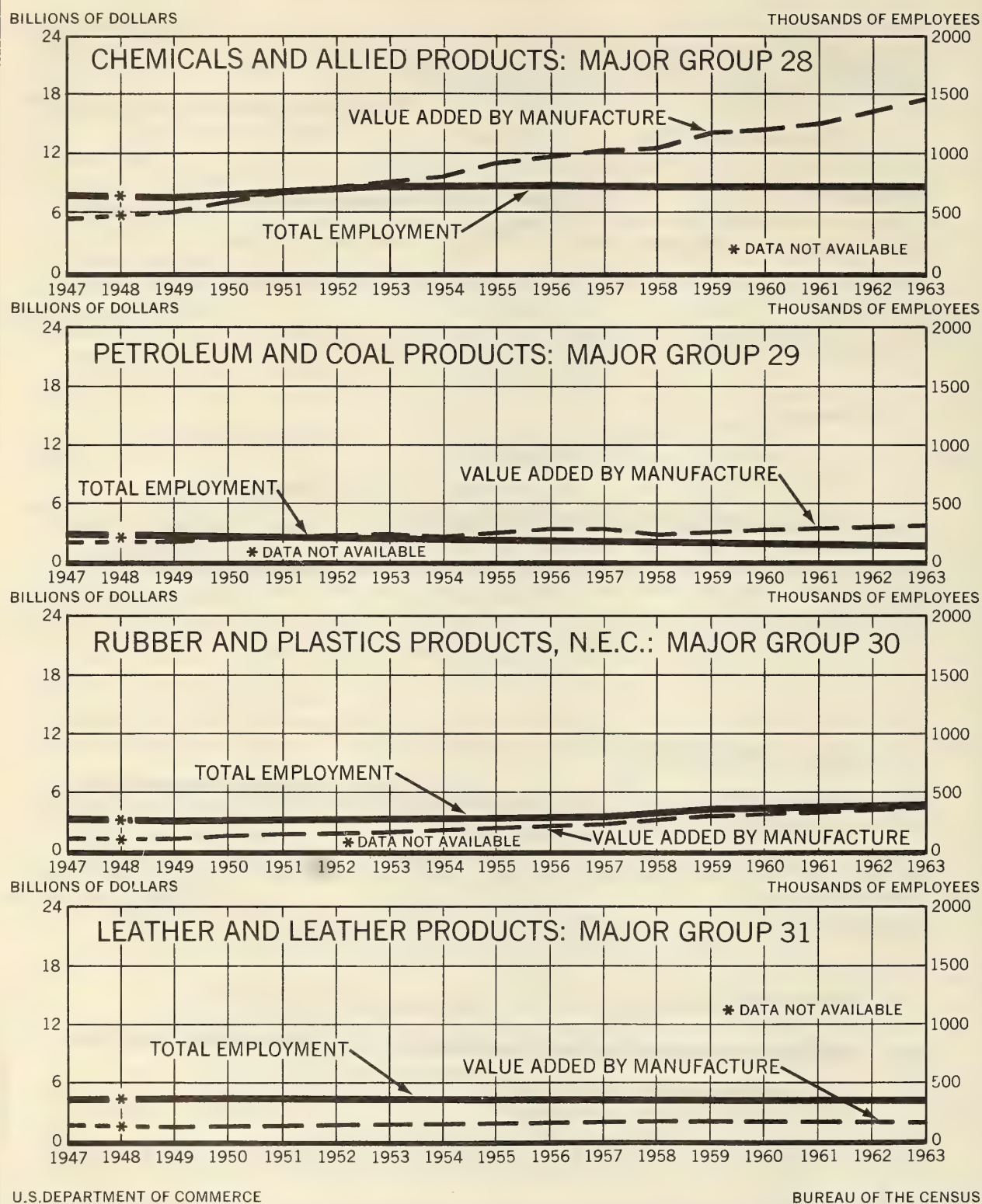
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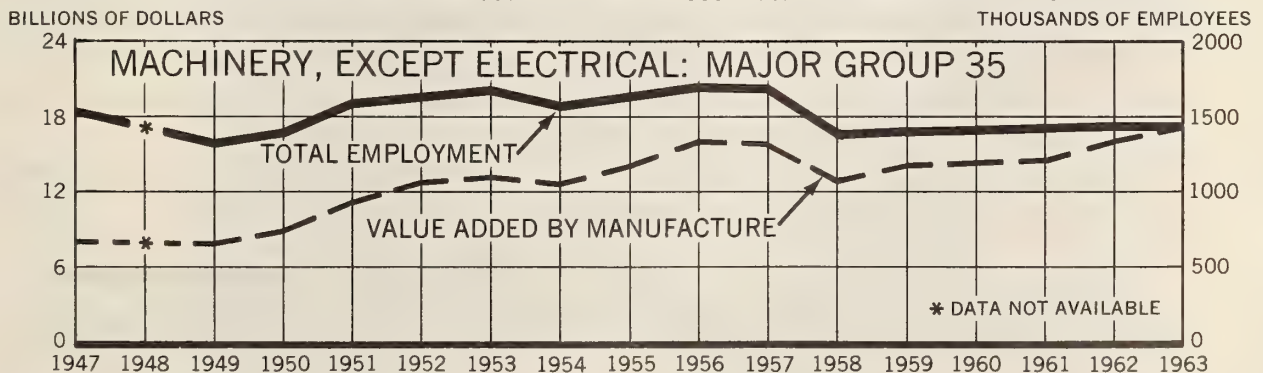
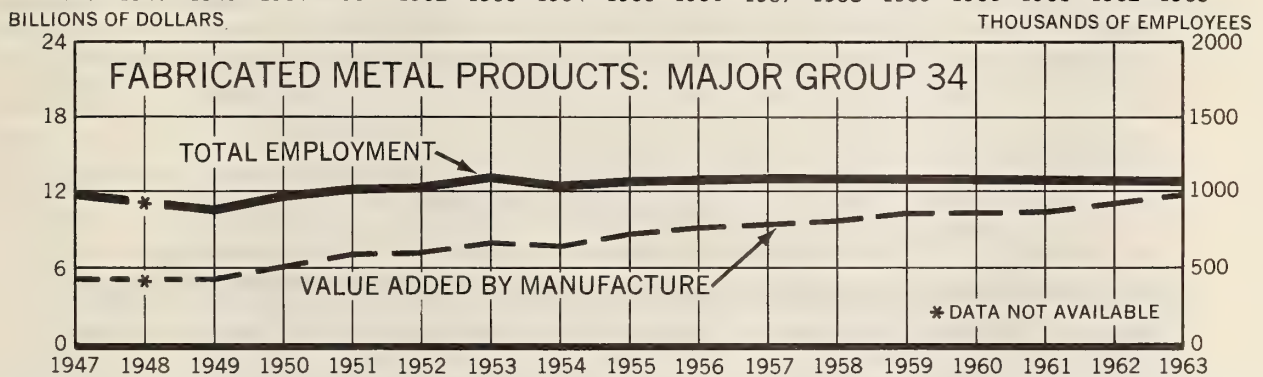
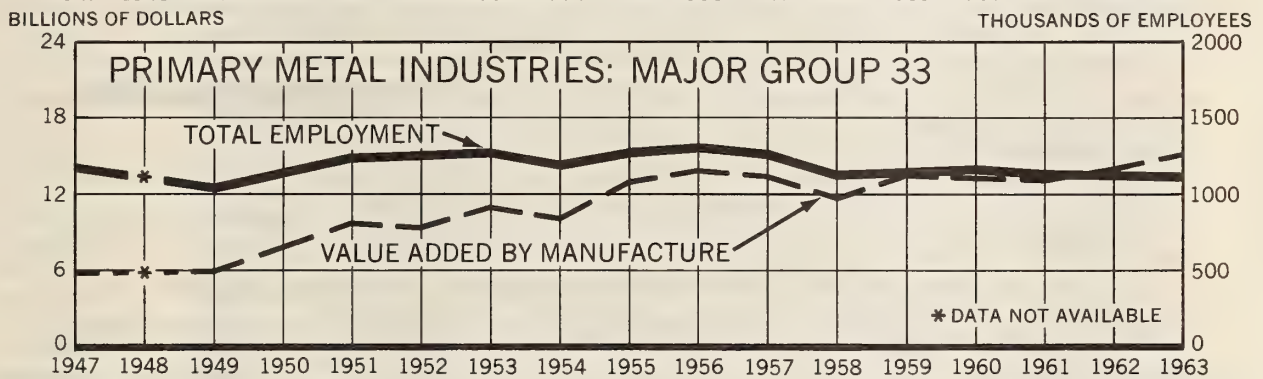
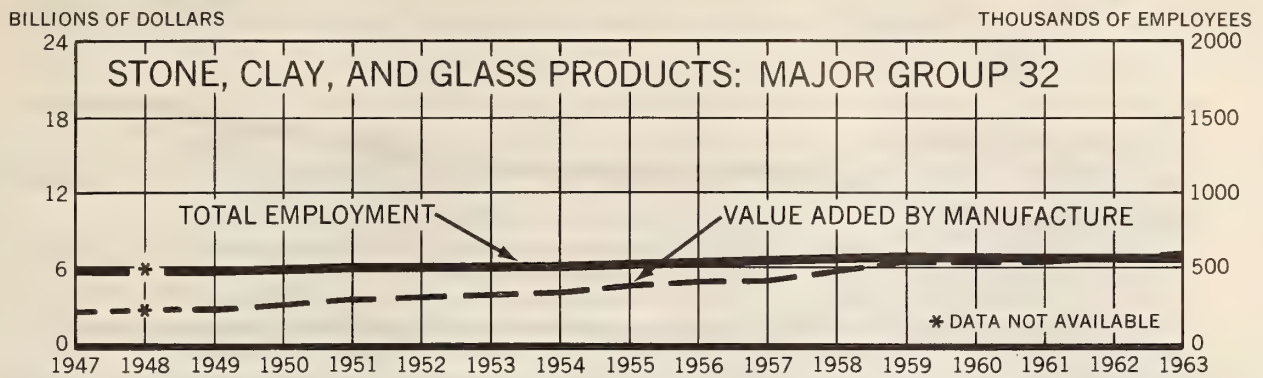
VALUE ADDED BY MANUFACTURE AND TOTAL EMPLOYMENT, FOR EACH MAJOR INDUSTRY GROUP: 1947-1963



VALUE ADDED BY MANUFACTURE AND TOTAL EMPLOYMENT, FOR EACH MAJOR INDUSTRY GROUP: 1947-1963



VALUE ADDED BY MANUFACTURE AND TOTAL EMPLOYMENT, FOR EACH MAJOR INDUSTRY GROUP: 1947-1963



VALUE ADDED BY MANUFACTURE AND TOTAL EMPLOYMENT, FOR EACH MAJOR INDUSTRY GROUP: 1947-1963

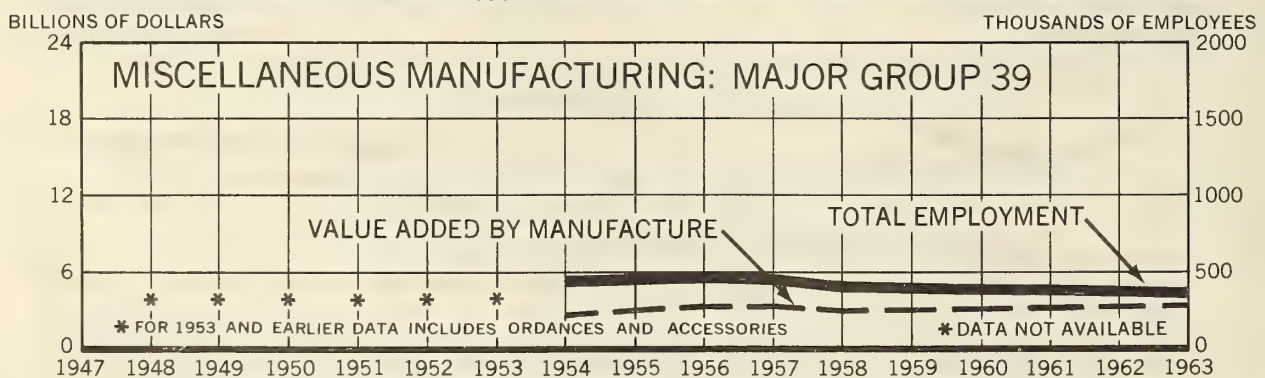
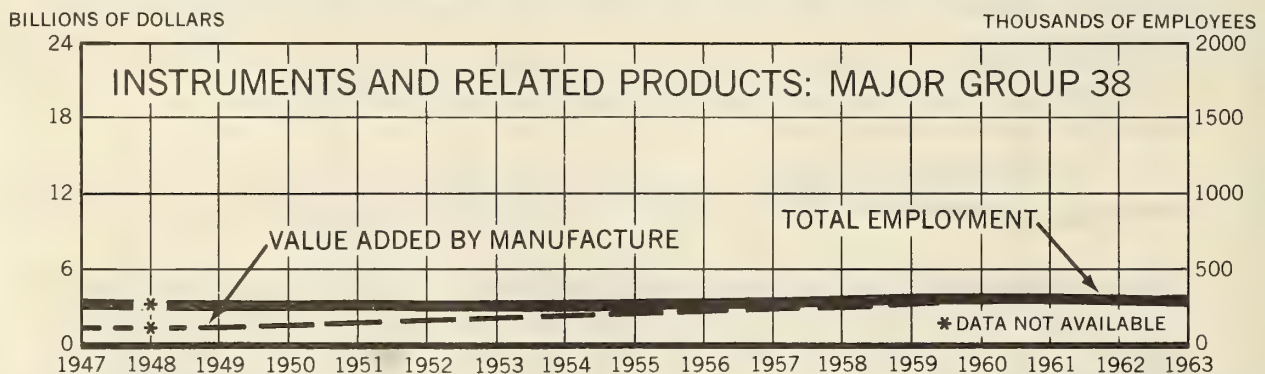
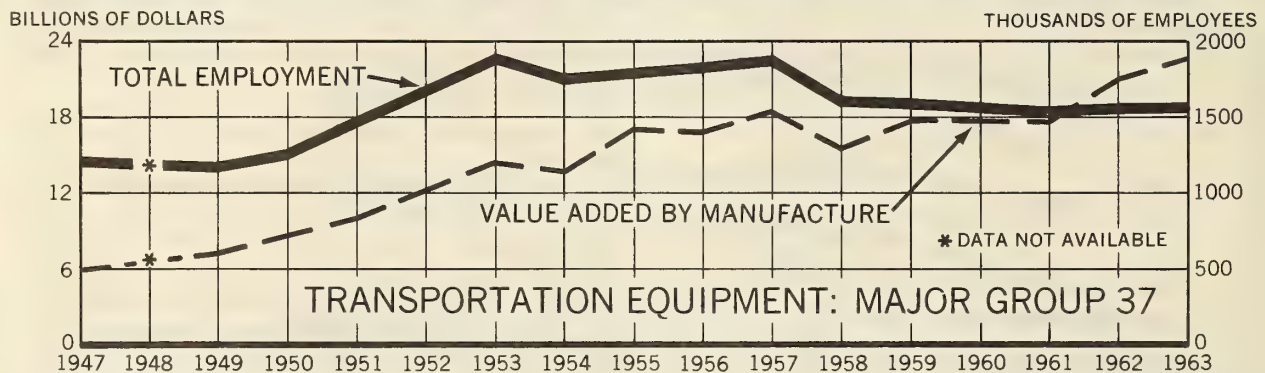
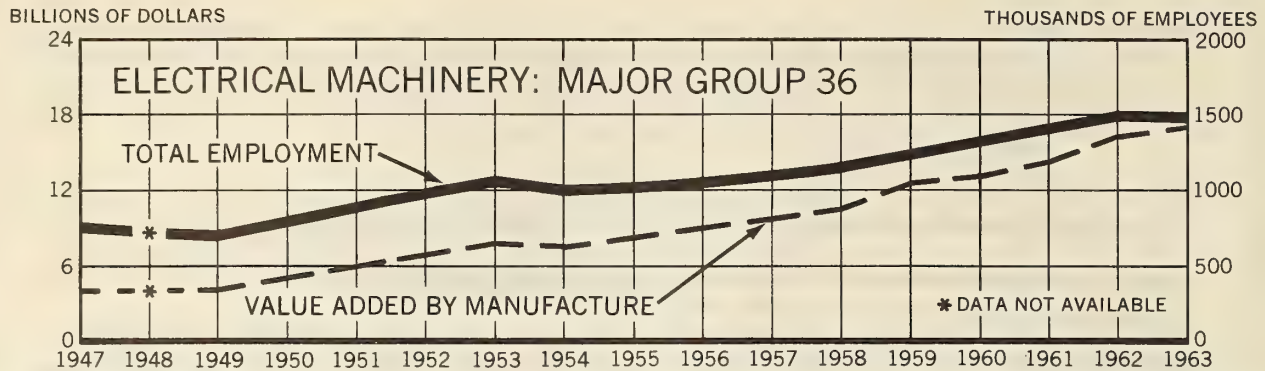
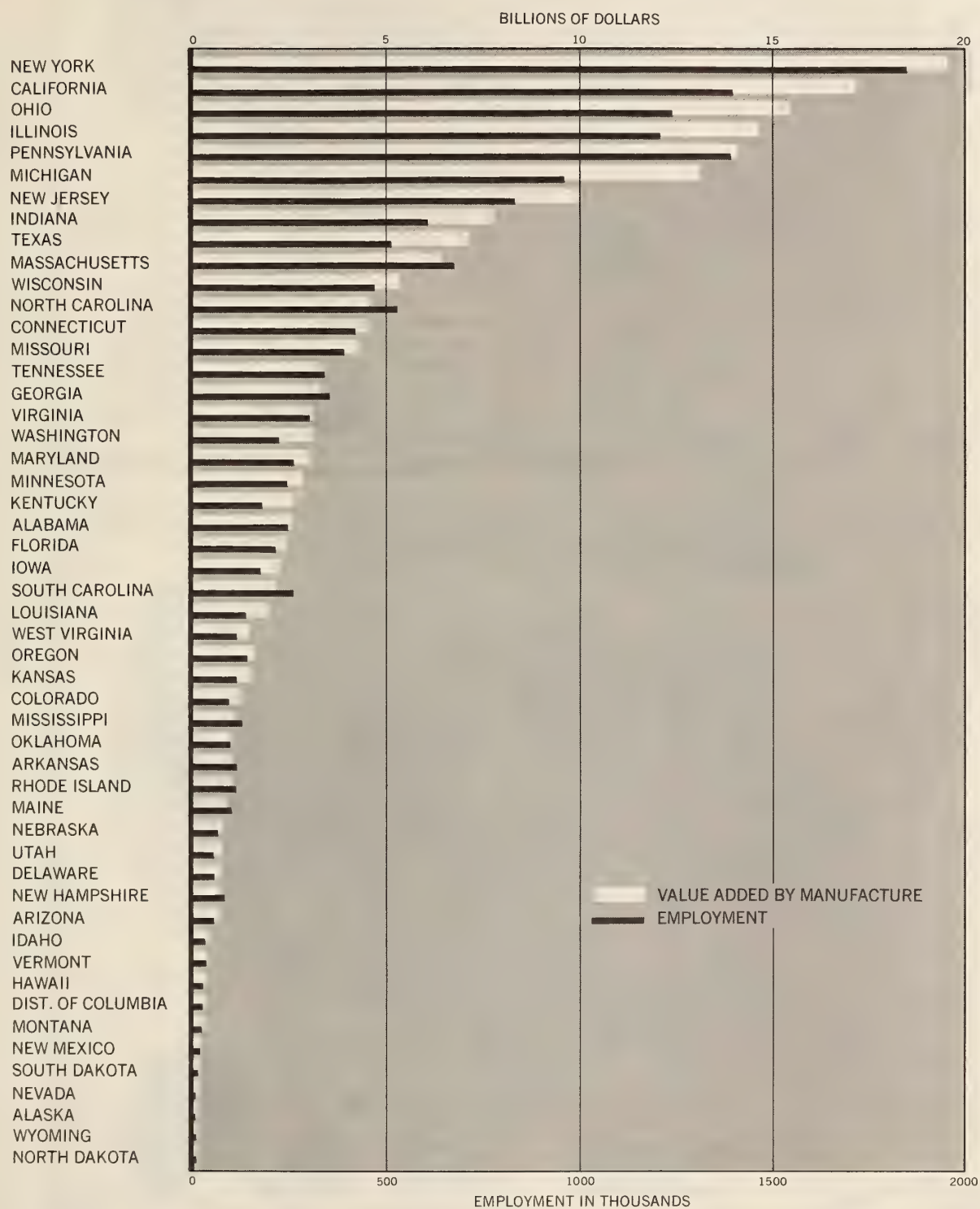


Chart 3

STATES RANKED BY VALUE ADDED BY MANUFACTURE: 1963



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Chart 4

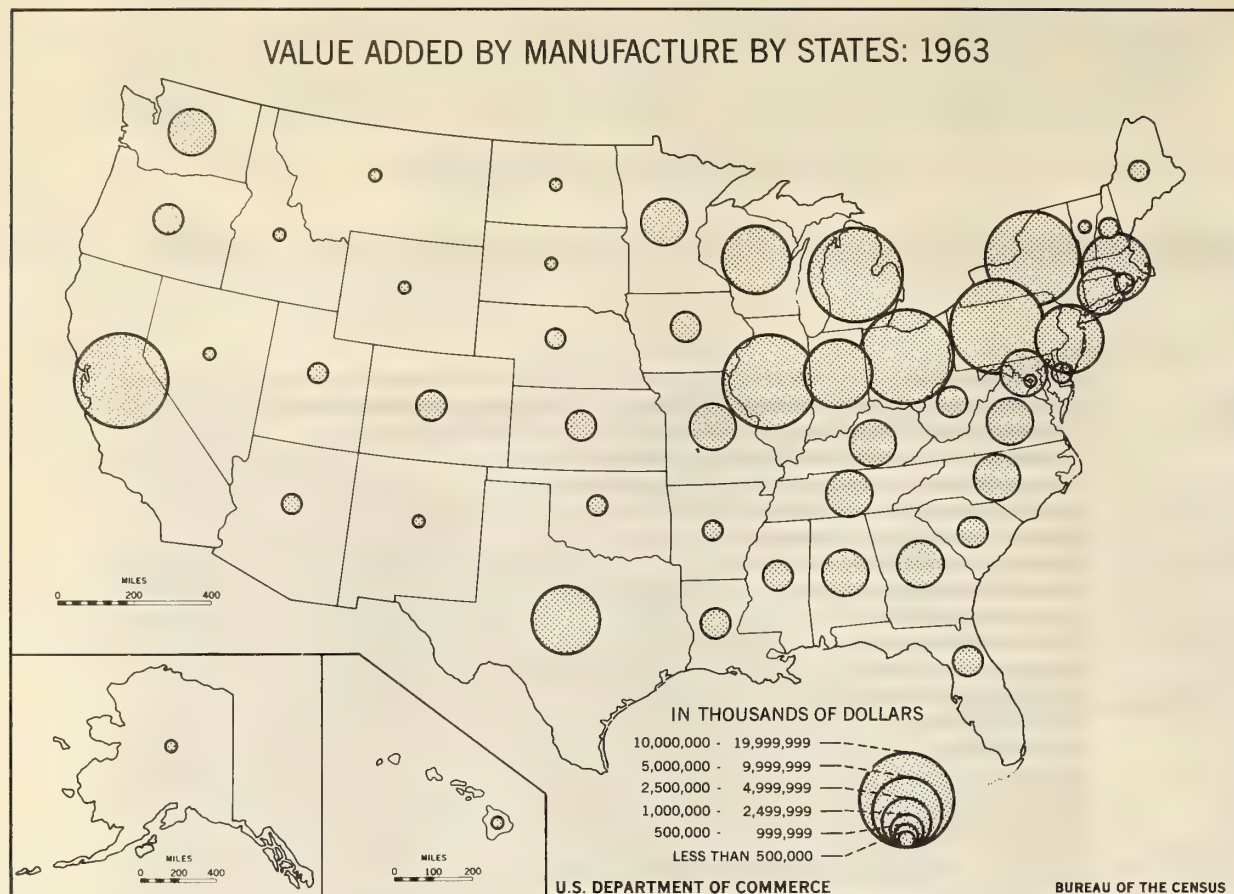


Chart 5

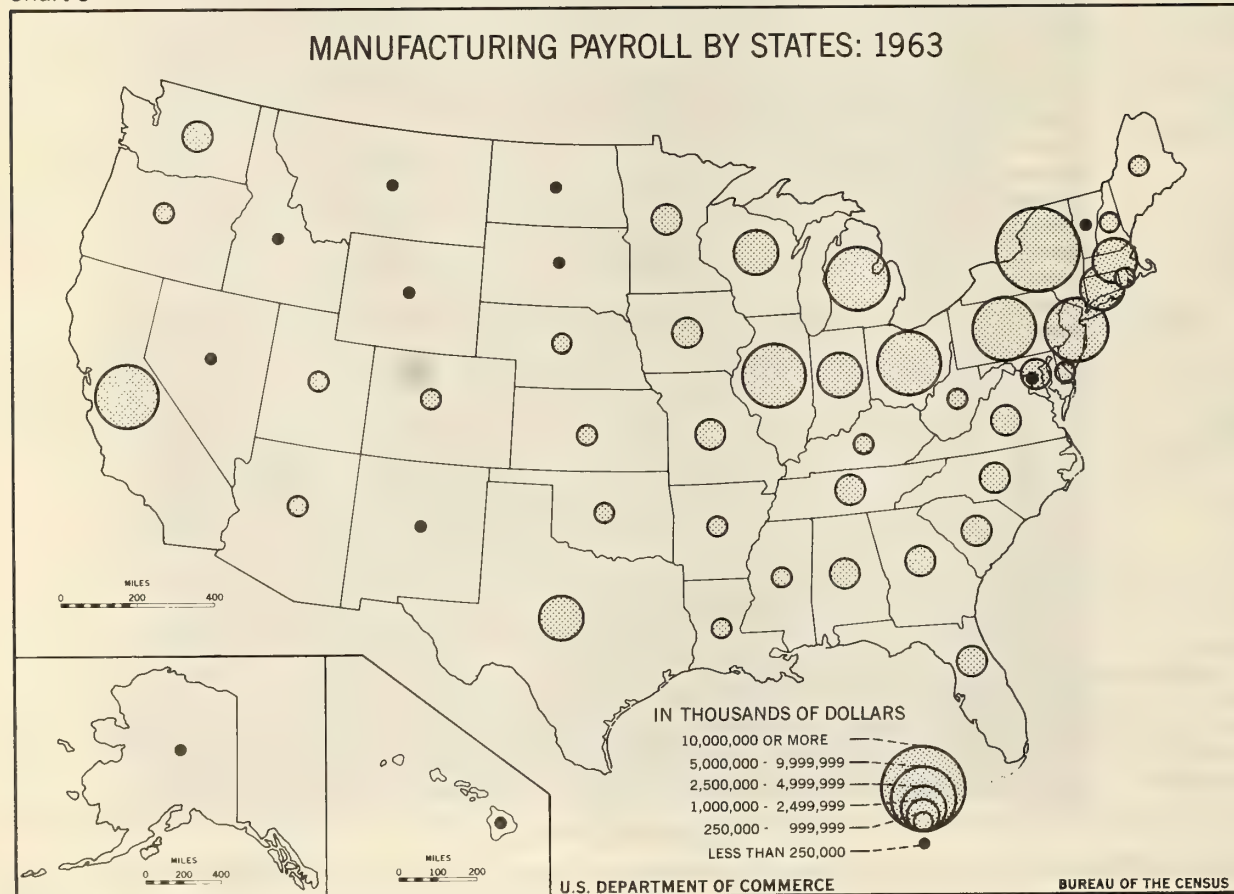


Chart 6

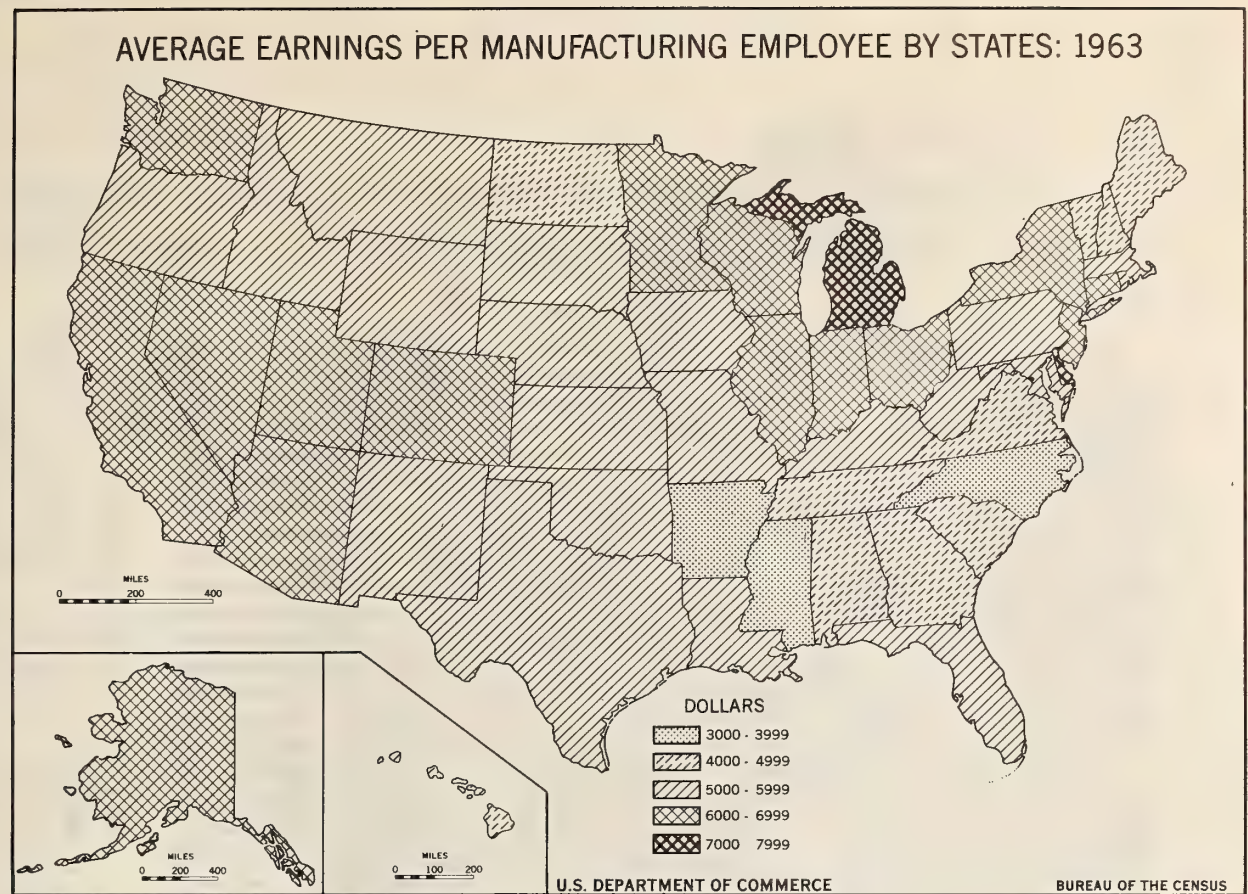


Chart 7

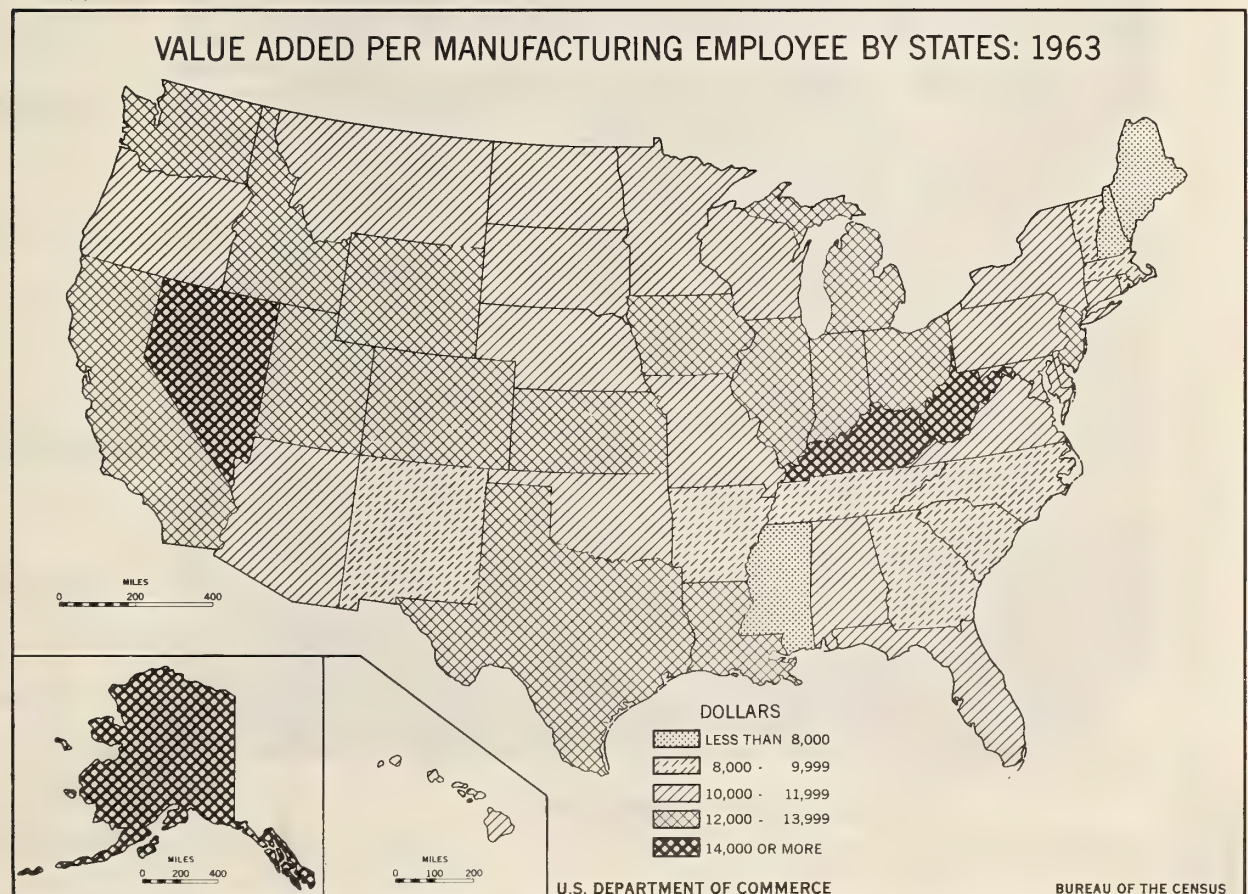


Chart 8

CAPITAL EXPENDITURES IN MANUFACTURING BY STATES: 1963

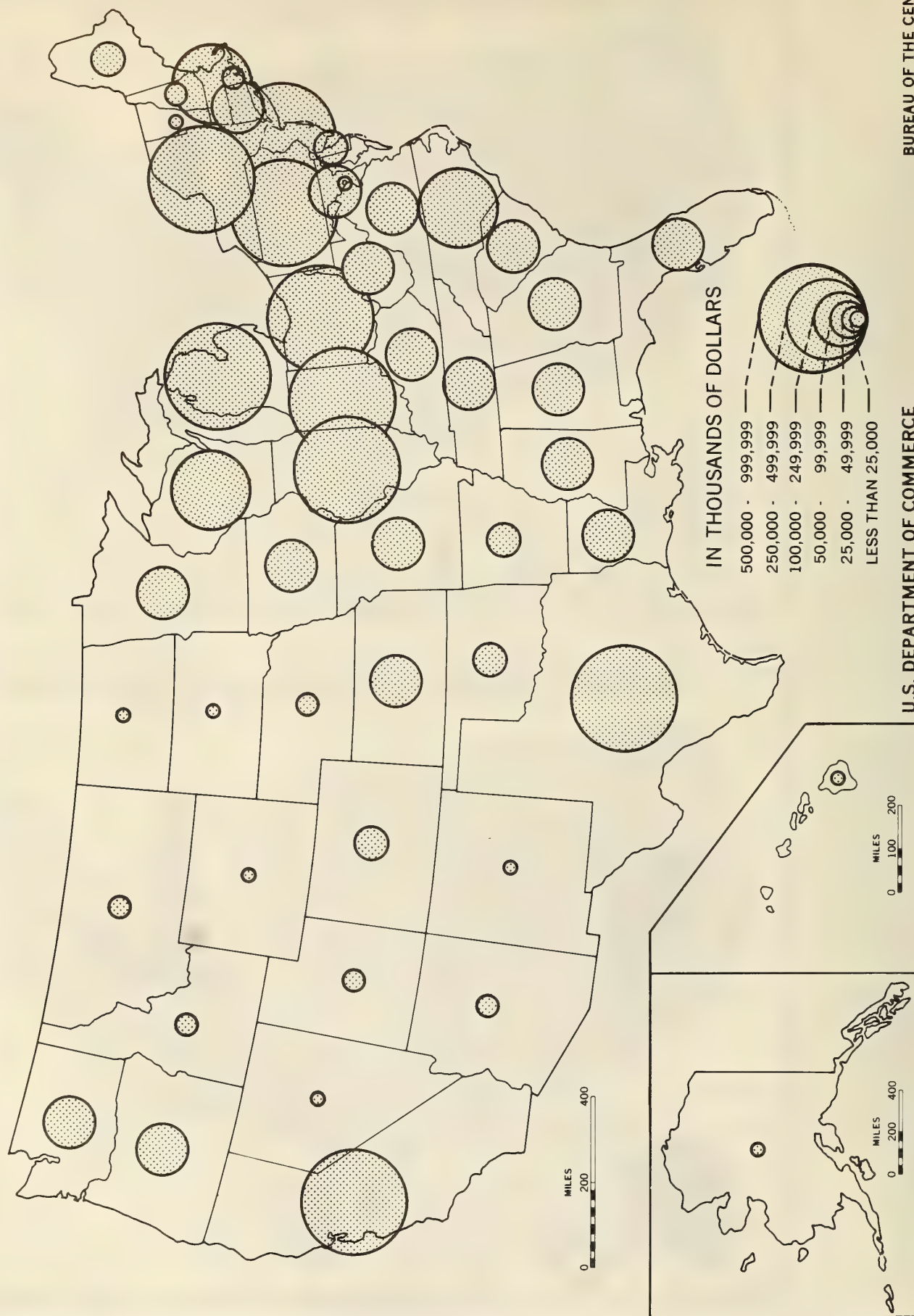
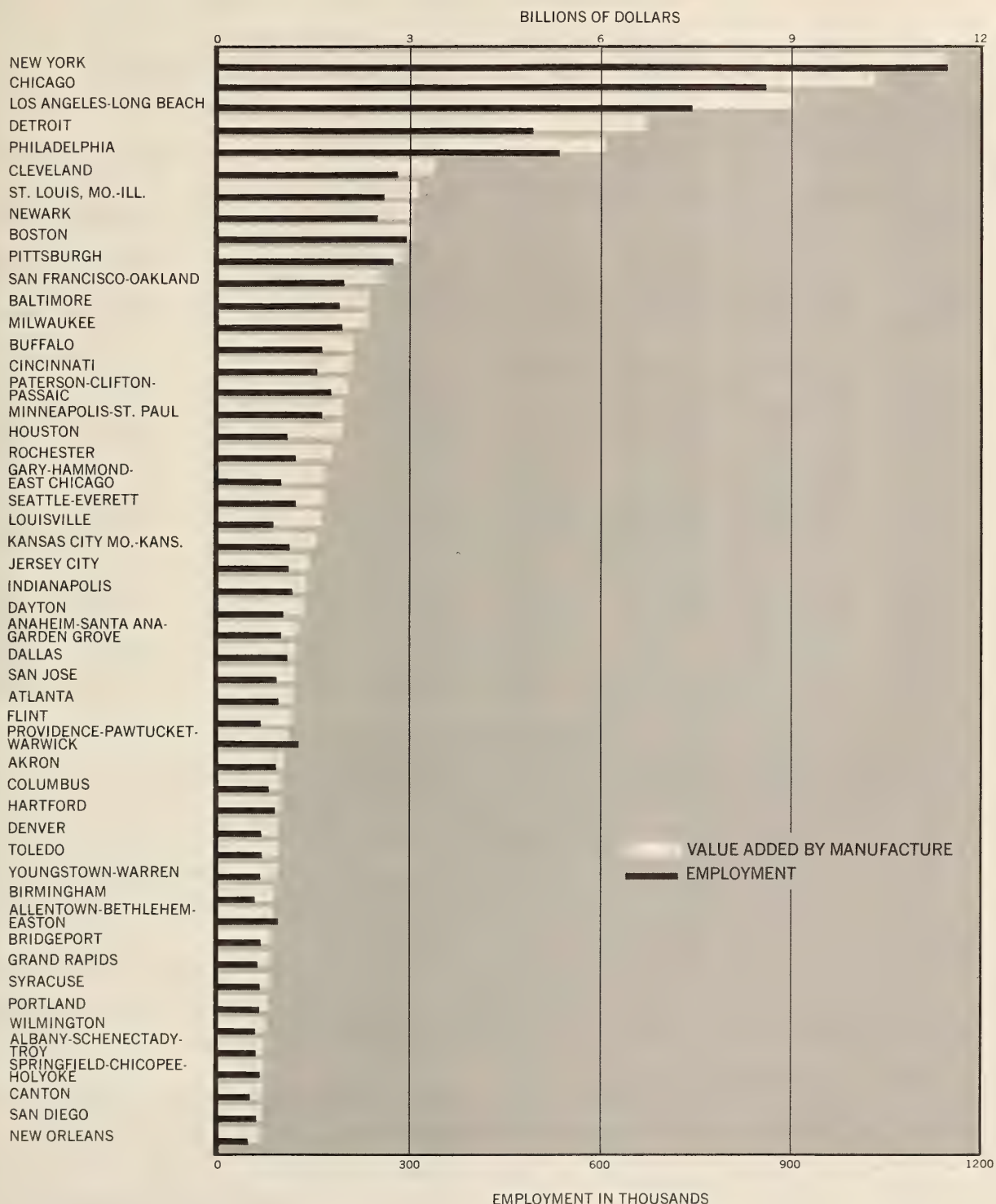


Chart 9

THE FIFTY LARGEST STANDARD METROPOLITAN STATISTICAL AREAS RANKED BY VALUE ADDED BY MANUFACTURE: 1963



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**TABLE 1. General Statistics for Operating Manufacturing Establishments:
1963 and Earlier Years**

Year	Establishments		Proprietors and partners	All employees ¹		Production workers			Value added by manufacture, adjusted ³	Capital expenditures, new ⁴	Index of industrial production ⁵ 1957-1959=100
	Total	With 20 employees or more		Total ²	Payroll	Total ²	Man-hours	Wages			
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
1963.....	306,617	99,352	168,674	16,234,506	93,288,785	12,232,041	24,509,450	62,093,601	192,103,102	11,370,935	124
1962 ⁶	(NA)	(NA)	(NA)	16,154,702	89,819,178	12,126,537	24,269,511	59,134,113	179,071,122	10,436,210	118
1961 ⁶	(NA)	(NA)	(NA)	15,729,570	83,677,413	11,778,518	23,289,389	54,764,619	164,281,080	9,779,800	110
1960 ⁶	(NA)	(NA)	(NA)	16,149,888	83,672,541	12,209,514	24,174,380	55,555,452	163,998,531	10,097,837	109
1959 ⁶	(NA)	(NA)	(NA)	16,062,862	81,203,626	12,272,622	24,443,617	54,714,135	161,535,816	9,139,992	106
1958 ⁷	299,017	95,278	185,732	15,423,112	73,875,152	11,681,143	22,679,219	49,605,180	141,540,618	9,543,528	94
1957 ⁶	(NA)	(NA)	(NA)	16,621,140	76,314,635	12,838,889	25,208,002	52,569,022	147,838,425	12,143,965	101
1956 ⁶	(NA)	(NA)	(NA)	16,694,433	74,015,123	13,131,313	26,088,501	52,040,794	144,909,346	11,233,177	100
1955 ⁶	(NA)	(NA)	(NA)	16,335,526	69,096,569	12,954,392	25,898,324	49,217,925	135,022,505	8,233,138	97
1954.....	286,814	90,470	197,850	15,645,491	62,962,664	12,372,002	24,334,082	44,590,545	117,032,326	8,200,739	86
1953 ⁶	285,000	(NA)	(NA)	16,693,076	66,492,872	13,500,934	27,065,569	48,979,102	121,659,136	8,047,892	91
1952 ⁶	267,000	(NA)	(NA)	15,732,722	59,598,225	12,706,032	25,617,613	43,763,640	109,162,079	7,883,369	84
1951 ⁶	262,000	(NA)	(NA)	15,309,638	54,741,463	12,508,914	25,263,764	40,654,832	102,085,814	7,781,731	81
1950 ⁶	260,000	(NA)	(NA)	14,467,149	46,642,786	11,778,803	23,716,536	34,600,025	89,749,765	5,041,299	75
1949 ⁶	(NA)	(NA)	(NA)	13,566,949	41,482,008	11,016,301	21,769,728	30,253,971	75,366,527	5,066,941	65
1947.....	240,807	(NA)	188,948	14,293,963	39,659,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	66
1938 ⁸	173,802	(NA)	⁹ 123,655	¹⁰ 9,527,306	¹⁰ 12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	38
1937.....	166,794	(NA)	99,268	9,786,402	12,829,749	8,569,231	(NA)	10,112,883	25,173,539	(NA)	40
1935.....	167,916	(NA)	81,521	8,262,295	9,564,754	7,203,794	(NA)	7,311,329	18,552,553	(NA)	31
1933.....	139,325	(NA)	72,267	¹¹ 6,557,925	¹¹ 6,237,800	5,787,611	(NA)	4,940,146	14,007,540	(NA)	24
1931.....	171,450	(NA)	(NA)	(NA)	(NA)	6,163,144	(NA)	6,688,541	18,600,532	(NA)	27
1929.....	206,663	(NA)	132,686	9,659,742	14,284,282	8,369,705	(NA)	10,384,919	30,591,435	(NA)	38
1927.....	187,629	(NA)	132,151	9,072,052	13,123,135	7,848,070	(NA)	10,099,465	26,325,394	(NA)	33
1925.....	183,877	(NA)	132,971	9,142,417	12,957,707	7,871,409	(NA)	9,979,649	25,667,624	(NA)	32
1923.....	192,096	(NA)	147,958	9,474,658	12,996,460	8,194,170	(NA)	10,148,624	24,569,487	(NA)	30
1921.....	192,059	(NA)	172,291	7,557,364	9,870,199	6,475,474	(NA)	7,451,299	17,252,775	(NA)	20
1919.....	270,231	(NA)	249,865	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	25
1914.....	268,436	(NA)	258,560	7,514,186	5,015,977	6,602,287	(NA)	3,782,322	9,385,622	(NA)	(NA)
1909.....	264,810	(NA)	272,421	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	(NA)
1904.....	213,444	(NA)	225,115	5,674,957	2,990,937	5,181,660	(NA)	2,440,851	6,019,171	(NA)	(NA)
1899.....	204,754	(NA)	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	(NA)
1899 ¹²	509,490	(NA)	(NA)	5,478,301	2,595,566	5,097,562	(NA)	2,206,547	5,474,892	(NA)	(NA)
1889.....	353,864	(NA)	(NA)	4,586,494	2,209,058	4,129,355	(NA)	1,820,854	4,102,301	(NA)	(NA)
1879.....	253,852	(NA)	(NA)	(NA)	(NA)	2,732,595	(NA)	947,954	1,972,756	(NA)	(NA)
1869.....	252,148	(NA)	(NA)	(NA)	(NA)	2,053,996	(NA)	620,467	1,395,119	(NA)	(NA)
1859.....	140,433	(NA)	(NA)	(NA)	(NA)	1,311,246	(NA)	378,879	854,257	(NA)	(NA)
1849.....	123,025	(NA)	(NA)	(NA)	(NA)	957,059	(NA)	236,755	463,983	(NA)	(NA)

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 to 1963 include data for employees at manufacturing establishments who were engaged in distribution and in construction work. The extent to which data for such employees were included in the figures for earlier years is not known. In addition to the employment and payroll for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company. These figures were collected by the Bureau of the Census for 1963, 1958, and 1954. The data for 1963 and 1958 are shown in table 2.

²The method of compiling these figures has varied, as follows: All employees: for 1955-1963, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August and November, plus all other employees for the payroll period ended nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: for 1949-1963, figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of 12 monthly figures.

³For the period 1954 to 1963 value added by manufacture represents adjusted value added and for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process inventories between the beginning and end of the year. For 1849-1933, cost of contract work was not subtracted from value of shipments in calculating value added by manufacture.

⁴The figures for 1951 to 1963 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

⁵Based on current Federal Reserve Board bulletins.

⁶These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁷The 1958 and subsequent years figures include establishments classified in industry 3273, Ready Mixed Concrete, and establishments classified in industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939 to 1957, but are included for 1929 and earlier years. The 1954 to 1963 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. These establishments were not included in the figures for earlier census years. In addition, beginning with 1954, the figures include data for Logging Camps and Contractors, industry 2411, which were not included within the scope of the 1947 census. There were also a number of changes in the definition of manufacturing industries during earlier census years that affect the comparability of the historical series. Among the more important of these were the following: Figures for 1935 and later years exclude data for railroad repair shops and manufactured gas which were included in 1899 to 1933 figures; the minimum size of establishment included for 1947 to 1963 was 1 employee; for 1921 to 1939, manufacturing establishments reporting value of shipments of \$5,000 or more were within scope whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

Footnotes for Table 1--General Summary--Continued

⁸The figures for 1939, but not for earlier years, have been revised on the basis of retabulation of the returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947. Value added by manufacture for 1939, prior to revision and on a basis comparable with 1937 and previous years, was \$24.7 billion.

⁹Not revised to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing beginning with 1947.

¹⁰The 1939 figures for "all employees" were revised on the basis of estimates rather than by retabulation of the 1939 reports. The estimates were made in the following manner: for number of employees, by multiplying the retabulated figure for number of production workers by the ratio of all employees to production workers computed from the unrevised 1939 statistics; for salaries and wages, by multiplying the retabulated wage figure by the ratio for salaries and wages also derived from the unrevised 1939 statistics.

¹¹Not including data for salaried officers of corporations and their salaries and, therefore, not strictly comparable with figures for other years.

¹²These figures for 1899 and earlier years represent hand and neighborhood manufacturing operations.

TABLE 2. Manufacturing Employment: 1963 and 1958

Code	Major industry group	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
			Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)
	All industries, total.....	1963	16,960,983	99,904,279	16,234,506	93,288,785	726,477	6,615,494
		1958	16,025,219	78,348,893	15,423,112	73,875,152	602,107	4,473,741
20	Food and kindred products.....	1963	1,714,607	9,233,931	1,643,111	8,637,152	71,496	596,779
		1958	1,781,469	8,064,425	1,718,132	7,622,329	63,337	442,096
21	Tobacco manufactures.....	1963	83,841	381,306	77,330	330,498	6,511	50,808
		1958	91,988	341,714	84,467	294,650	7,521	47,064
22	Textile mill products.....	1963	883,170	3,537,958	863,246	3,385,031	19,924	152,927
		1958	918,612	3,043,136	903,245	2,942,907	15,367	100,229
23	Apparel and related products.....	1963	1,290,536	4,508,783	1,279,534	4,423,033	11,002	85,750
		1958	1,188,530	3,637,728	1,181,011	3,586,570	7,519	51,158
24	Lumber and wood products.....	1963	568,714	2,385,442	563,135	2,338,733	5,579	46,709
		1958	591,049	2,042,249	585,372	2,007,451	5,677	34,798
25	Furniture and fixtures.....	1963	381,221	1,767,114	376,548	1,726,707	4,673	40,407
		1958	357,170	1,435,969	354,165	1,413,687	3,005	22,282
26	Paper and allied products.....	1963	613,829	3,746,389	588,014	3,508,185	25,815	238,204
		1958 ¹	573,592	2,920,858	551,338	2,759,387	22,254	161,471
27	Printing and publishing.....	1963	925,093	5,611,539	913,243	5,514,816	11,850	96,723
		1958	871,725	4,533,889	864,607	4,489,245	7,118	44,644
28	Chemicals and allied products.....	1963	853,121	6,013,617	737,414	4,969,843	115,707	1,043,774
		1958	783,870	4,604,479	698,312	3,940,461	85,558	664,018
29	Petroleum and coal products.....	1963	219,903	1,762,860	153,486	1,133,765	66,417	629,095
		1958 ¹	247,440	1,655,855	179,166	1,116,673	68,274	539,182
30	Rubber and plastics products, n.e.c....	1963	426,716	2,470,772	414,959	2,364,033	11,757	106,739
		1958	356,109	1,785,542	347,842	1,723,295	8,267	62,247
31	Leather and leather products.....	1963	335,071	1,278,064	327,489	1,227,824	7,582	50,240
		1958	358,484	1,192,168	349,165	1,145,965	9,319	46,203
32	Stone, clay and glass products.....	1963	602,764	3,462,465	573,859	3,212,495	28,905	249,970
		1958	574,790	2,754,013	552,522	2,586,373	22,268	167,640
33	Primary metal industries.....	1963	1,166,953	8,148,976	1,126,536	7,734,129	40,417	414,847
		1958	1,129,512	6,600,300	1,091,927	6,280,469	37,585	319,831
34	Fabricated metal products.....	1963	1,110,649	6,643,976	1,082,102	6,387,508	28,547	256,468
		1958	1,090,280	5,634,162	1,060,506	5,425,260	29,774	208,902
35	Machinery, except electrical.....	1963	1,520,574	10,146,582	1,459,377	9,570,984	61,197	575,598
		1958	1,385,781	7,577,634	1,350,257	7,314,261	35,524	263,373
36	Electrical machinery.....	1963	1,612,178	10,207,142	1,511,819	9,284,279	100,359	922,863
		1958	1,218,645	6,323,389	1,140,807	5,755,220	77,838	568,169
37	Transportation equipment.....	1963	1,689,737	12,735,609	1,601,158	11,858,240	88,579	877,369
		1958	1,641,860	9,793,175	1,562,429	9,185,696	79,431	607,479
38	Instruments and related products.....	1963	316,443	2,010,423	305,452	1,912,472	10,991	97,951
		1958	293,787	1,564,037	286,351	1,509,525	7,436	54,512
39	Miscellaneous manufacturing	1963	397,638	1,869,648	390,760	1,812,104	6,878	57,544
		1958	370,920	1,515,697	364,613	1,467,379	6,307	48,318
19	Ordnance and accessories.....	1963	248,225	1,981,683	245,934	1,956,954	2,291	24,729
		1958	198,598	1,322,867	195,870	1,302,742	2,728	20,125

Note: See appendix A for explanation of terms used.

n.e.c. Not elsewhere classified.

¹The 1963 and most of the 1958 figures represent data for establishments located in the conterminous United States, Alaska, and Hawaii. However, when the 1958 figures were previously published they did not include data for Alaska and Hawaii since these areas did not achieve statehood until 1959. The addition of the 1958 Alaska and Hawaii figures to the previously published figures for major industry groups 26 and 29 would have resulted in a disclosure. Therefore the 1958 Alaska and Hawaii data are excluded from these major groups but are included at the "all industries" level.

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963										Value added by manufacture, adjusted (\$1,000)
		Companies	Establishments		Proprietors and partners	All employees		Production workers				
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages		
											(number)	
		(number)	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(1,000)	(1,000)	
	All manufacturing establishments, including central administrative offices.....	(NA)	311,921	102,272	168,674	16,960,983	99,904,279	12,232,041	24,509,450	62,093,601	192,103,102	
	Operating manufacturing establishments.....	(NA)	306,617	99,352	168,674	16,234,506	93,288,785	12,232,041	24,509,450	62,093,601	192,103,102	
20	Food and kindred products.....	(NA)	37,521	14,113	20,781	1,643,111	8,637,152	1,098,116	2,228,013	5,159,376	21,825,516	
21	Tobacco manufactures.....	(NA)	394	231	149	77,330	330,498	68,579	132,035	271,496	1,680,594	
22	Textile mill products.....	(NA)	7,104	4,368	2,865	863,246	3,385,031	775,330	1,568,126	2,768,414	6,122,982	
23	Apparel and related products....	(NA)	28,457	13,011	17,830	1,279,534	4,423,033	1,132,859	2,052,569	3,482,286	7,861,011	
24	Lumber and wood products.....	(NA)	36,150	5,765	32,567	563,135	2,338,733	497,409	978,665	1,943,287	4,020,600	
25	Furniture and fixtures.....	(NA)	10,478	3,313	5,894	376,548	1,726,707	314,762	639,698	1,289,989	3,068,287	
26	Paper and allied products ³	(NA)	5,713	3,552	1,113	588,014	3,508,185	467,795	988,582	2,551,148	7,395,677	
27	Printing and publishing.....	(NA)	38,090	7,215	23,567	913,243	5,514,816	559,843	1,083,179	3,190,988	10,476,433	
28	Chemicals and allied products...	(NA)	11,996	3,985	2,856	737,414	4,969,843	474,141	963,361	2,779,938	17,586,138	
29	Petroleum and coal products ³	(NA)	1,839	689	318	153,486	1,133,765	109,448	216,679	745,123	3,713,231	
30	Rubber and plastics products, n.e.c.....	(NA)	5,728	2,449	1,651	414,959	2,364,033	328,785	658,464	1,672,376	4,653,953	
31	Leather and leather products....	(NA)	4,047	2,073	2,345	327,489	1,227,824	292,339	543,094	982,096	2,078,572	
32	Stone, clay and glass products....	(NA)	15,838	4,655	7,699	573,859	3,212,495	455,818	928,948	2,350,223	7,043,987	
33	Primary metal industries.....	(NA)	6,513	3,583	1,916	1,126,536	7,734,129	922,160	1,838,970	5,933,628	15,261,089	
34	Fabricated metal products.....	(NA)	26,975	9,210	13,700	1,082,102	6,387,508	843,795	1,721,034	4,483,688	11,791,081	
35	Machinery, except electrical....	(NA)	33,703	8,426	17,956	1,459,377	9,570,984	1,045,075	2,151,057	6,209,341	17,310,599	
36	Electrical machinery.....	(NA)	9,948	4,722	2,491	1,511,819	9,284,279	1,049,357	2,090,531	5,405,786	17,010,665	
37	Transportation equipment.....	(NA)	7,196	2,868	3,169	1,601,158	11,858,240	1,150,082	2,450,150	7,731,192	22,765,674	
38	Instruments and related products	(NA)	3,949	1,343	1,410	305,452	1,912,472	208,448	416,555	1,100,718	3,992,131	
39	Miscellaneous manufacturing.....	(NA)	14,723	3,618	8,397	390,760	1,812,104	315,017	613,227	1,253,518	3,562,361	
19	Ordnance and accessories ⁴	(NA)	258	163	41	245,934	1,956,954	122,891	246,512	788,990	2,882,521	
--	Administrative and auxiliary ⁵ ...	(NA)	5,304	2,920	-	726,477	6,615,494	-	-	-	-	
20	Food and kindred products...	(NA)	37,521	14,113	20,781	1,643,111	8,637,152	1,098,116	2,228,013	5,159,376	21,825,516	
201	Meat products.....	(NA)	5,300	2,018	3,525	299,576	1,640,752	238,524	485,425	1,212,177	2,882,580	
2011	Meat slaughtering plants.....	2,833	2,992	976	2,256	180,873	1,146,947	138,356	289,294	847,025	1,908,309	
2013	Meat processing plants.....	1,273	1,341	483	776	48,599	289,405	36,351	75,964	195,232	563,362	
2015	Poultry dressing plants.....	842	967	559	493	70,104	204,400	63,817	120,167	169,920	410,909	
202	Dairies.....	(NA)	7,885	2,885	4,028	256,828	1,394,222	117,195	250,258	584,535	3,184,867	
2021	Creamery butter.....	725	766	178	246	11,992	52,870	8,607	19,471	36,959	132,665	
2022	Natural and process cheese....	982	1,138	206	636	17,956	78,684	14,893	31,082	61,836	179,750	
2023	Condensed and evaporated milk.	167	281	166	37	12,255	66,990	9,533	20,068	50,413	236,250	
2024	Ice cream and frozen desserts.	901	1,081	387	522	29,575	162,799	15,585	32,495	76,557	433,006	
2026	Fluid milk.....	4,030	4,619	1,948	2,587	185,050	1,032,879	68,577	147,142	358,770	2,203,196	
203	Canned and frozen foods.....	(NA)	3,969	1,974	1,660	244,824	959,688	212,474	398,436	736,997	2,778,810	
2031	Canned and cured seafoods.....	345	405	196	171	17,271	66,231	15,453	25,522	52,609	⁶ 174,634	
2032	Canned specialties.....	154	173	77	82	25,156	127,168	20,378	40,691	92,340	⁶ 540,835	
2033	Canned fruits and vegetables..	1,135	1,430	836	522	102,388	382,057	90,749	168,188	303,485	⁶ 1,029,467	
2034	Dehydrated foods products.....	126	176	80	74	9,152	41,650	7,843	15,333	31,243	115,795	
2035	Pickles, sauces, salad dressings.....	541	588	184	310	19,041	83,713	15,426	29,891	58,295	⁶ 249,397	
2036	Fresh or frozen packaged fish.	528	547	255	328	20,066	56,471	17,936	32,147	44,619	⁶ 118,451	
2037	Frozen fruits and vegetables..	566	650	346	173	51,750	202,398	44,689	86,664	154,406	⁶ 550,231	
204	Grain mills.....	(NA)	3,555	1,088	1,654	113,103	646,878	78,605	171,840	418,994	2,271,054	
2041	Flour mills.....	510	618	218	384	22,405	137,663	16,435	38,422	94,942	373,090	
2042	Prepared animal feeds.....	2,150	2,590	711	1,165	54,649	278,729	34,564	75,669	159,079	983,691	
2043	Cereal preparations.....	35	48	30	19	11,358	75,098	9,416	18,829	59,575	365,022	
2044	Rice milling.....	62	74	49	16	4,256	20,255	3,243	7,315	12,704	80,507	
2045	Blended and prepared flour....	140	165	60	58	7,199	45,391	5,135	10,703	27,394	177,826	
2046	Wet corn milling.....	49	60	20	12	13,236	89,742	9,812	20,902	65,300	290,918	
205	Bakery products.....	(NA)	5,366	2,112	3,714	280,144	1,513,350	164,014	335,593	796,621	3,030,822	
2051	Bread and related products....	4,339	5,010	1,904	3,583	236,984	1,300,329	129,909	267,615	645,680	2,403,782	
2052	Biscuit, crackers, and cookies	286	356	208	131	43,160	213,021	34,105	67,978	150,941	627,040	
206	Sugar.....	(NA)	164	160	21	32,003	189,229	25,895	56,684	145,756	590,802	
2061	Raw cane sugar.....	50	74	73	18	8,263	38,796	6,308	14,634	27,929	135,686	
2062	Cane sugar refining.....	16	25	25	2	12,443	90,792	9,499	20,683	66,948	254,418	
2063	Beet sugar.....	11	65	62	1	11,297	59,641	10,088	21,367	50,879	200,698	

See footnotes at end of table.

Groups and Industries: 1963 and 1958

1963-Continued								1958						
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Special-ization ratio	Cover-age ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	Code	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll					
	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)			(percent)	(percent)					(number)
20,528,098	11,370,935	2,965,545	8,405,408	59,912,937	58,066,827	(NA)	(NA)	16,025,219	78,348,893	141,540,618	² 326,722,817	9,543,528		
20,528,098	11,370,935	2,965,545	8,405,408	59,912,937	58,066,827	(NA)	(NA)	15,423,112	73,875,152	141,540,618	² 326,722,817	9,543,528		
58,466,487	1,249,245	336,334	912,911	6,760,747	6,510,720	(NA)	(NA)	1,718,132	7,622,329	17,700,906	² 59,749,032	1,018,303	20	
4,519,954	53,843	12,100	41,743	2,406,503	2,500,521	(NA)	(NA)	84,467	294,650	1,413,460	² 3,867,515	48,391	21	
15,740,545	382,414	67,894	314,520	2,567,434	2,530,414	(NA)	(NA)	903,245	2,942,907	4,869,543	² 12,415,807	212,393	22	
17,096,862	128,582	31,993	96,589	2,164,991	2,051,474	(NA)	(NA)	1,181,011	3,586,570	6,001,148	² 13,573,569	89,713	23	
9,200,039	394,729	129,710	265,019	1,352,730	1,335,911	(NA)	(NA)	585,372	2,007,451	3,212,621	² 7,595,100	286,768	24	
5,884,064	110,180	40,582	69,598	827,228	791,583	(NA)	(NA)	354,165	1,413,687	2,395,986	² 4,765,877	82,248	25	
16,357,102	708,532	118,838	589,694	1,759,327	1,698,554	(NA)	(NA)	551,338	2,759,387	5,668,720	² 12,897,517	634,446	26	
16,165,744	463,904	111,020	352,884	1,315,098	1,199,039	(NA)	(NA)	864,607	4,489,245	7,973,195	² 12,589,037	421,547	27	
17,972,722	1,545,689	354,876	1,190,816	3,825,760	3,702,178	(NA)	(NA)	698,312	3,940,461	12,308,024	² 23,129,493	1,243,939	28	
17,994,742	413,681	283,759	129,902	1,818,020	1,829,302	(NA)	(NA)	179,166	1,116,673	2,518,424	² 15,623,067	681,805	29	
9,116,230	343,466	58,564	284,902	1,189,924	1,159,641	(NA)	(NA)	347,842	1,723,295	3,276,612	² 6,599,638	197,138	30	
4,209,614	34,566	6,257	28,309	551,861	566,439	(NA)	(NA)	349,165	1,145,965	1,898,007	² 3,896,165	31,825	31	
12,289,091	607,581	156,428	451,153	1,522,406	1,471,029	(NA)	(NA)	552,522	2,586,373	5,533,392	² 9,726,543	488,628	32	
35,621,458	1,446,303	386,988	1,059,315	6,057,254	6,014,043	(NA)	(NA)	1,091,927	6,280,469	11,542,204	² 27,323,600	1,543,695	33	
23,065,207	570,077	137,737	432,340	3,954,075	3,783,909	(NA)	(NA)	1,060,506	5,425,260	9,439,843	² 19,230,112	463,594	34	
30,363,095	783,076	170,968	612,118	6,803,006	6,554,398	(NA)	(NA)	1,350,257	7,314,261	12,414,069	² 22,797,650	699,636	35	
29,840,182	701,947	176,031	525,916	5,239,708	5,148,799	(NA)	(NA)	1,140,807	5,755,220	10,624,264	² 19,547,559	468,039	36	
55,428,194	1,022,004	273,140	748,864	7,048,765	6,553,226	(NA)	(NA)	1,562,429	9,185,696	15,315,289	² 38,289,301	629,621	37	
6,117,889	191,865	52,324	139,541	1,177,942	1,121,632	(NA)	(NA)	286,351	1,509,525	2,781,017	² 4,418,690	114,608	38	
6,494,830	131,033	34,101	96,937	1,115,703	1,076,627	(NA)	(NA)	364,613	1,467,379	2,678,314	² 4,965,475	110,585	39	
4,784,047	88,218	25,881	62,337	454,455	467,388	(NA)	(NA)	195,870	1,302,742	1,956,378	² 3,686,316	74,986	19	
-	-	-	-	-	-	(X)	(X)	602,107	4,473,741	-	-	-	--	
58,466,487	1,249,245	336,334	912,911	6,760,749	6,510,720	(NA)	(NA)	1,718,132	7,622,329	17,700,906	² 59,749,032	1,018,303	20	
16,806,600	135,966	45,897	90,069	597,951	579,413	(NA)	(NA)	312,086	1,466,677	2,502,467	² 15,927,441	111,176	201	
12,435,454	80,235	28,265	51,970	408,068	406,687	98	86	201,019	1,068,766	1,749,291	² 11,972,464	65,860	2011	
2,130,275	21,425	6,218	15,207	96,578	91,897	94	38	48,586	236,915	442,058	² 2,066,257	17,237	2013	
2,240,871	34,306	11,414	22,892	93,305	80,829	98	98	62,389	160,813	310,572	² 1,888,166	28,079	2015	
1,199,909	195,971	51,420	144,551	388,710	386,453	(NA)	(NA)	294,805	1,350,915	2,876,113	² 10,081,555	205,430	202	
988,777	9,930	2,261	7,669	28,188	29,899	69	77	17,295	62,895	147,207	² 1,023,460	17,094	2021	
1,170,836	15,866	5,103	10,763	106,274	98,922	93	96	17,032	62,989	133,021	² 873,614	13,739	2022	
937,925	12,113	3,406	8,707	46,760	50,133	80	66	13,445	61,443	202,709	² 820,649	12,746	2023	
1,076,479	31,915	8,059	23,856	60,715	59,314	93	74	34,795	153,950	394,686	² 951,499	26,150	2024	
7,025,892	126,147	32,591	93,556	146,773	148,185	90	95	212,238	1,009,638	1,998,490	² 6,412,333	135,701	2026	
7,300,305	176,282	62,849	113,433	1,815,965	1,859,746	(NA)	(NA)	234,093	775,187	1,969,487	² 5,705,498	106,290	203	
6452,454	6,296	2,389	3,907	88,679	95,578	92	95	17,146	58,057	⁶ 130,648	⁶ 388,642	3,546	2031	
1,169,299	25,582	12,800	12,782	223,419	233,239	80	91	24,186	109,479	⁶ 340,847	⁶ 846,881	16,492	2032	
2,742,787	66,574	18,210	48,364	953,957	986,985	89	91	108,414	340,299	⁶ 849,879	⁶ 2,333,885	43,713	2033	
318,660	16,199	7,180	9,019	89,805	87,939	96	89	7,599	28,338	⁶ 75,529	⁶ 273,286	6,686	2034	
677,268	10,967	2,481	8,486	110,417	107,527	79	82	19,500	70,494	⁶ 164,624	⁶ 525,309	11,197	2035	
6391,174	6,095	1,985	4,110	53,917	49,664	95	94	17,613	41,432	⁶ 83,504	⁶ 310,095	3,673	2036	
1,548,663	44,569	17,804	26,765	295,771	298,814	89	89	39,528	126,804	⁶ 323,789	⁶ 1,025,877	20,952	2037	
8,161,196	127,722	32,605	95,117	722,141	702,211	(NA)	(NA)	118,984	575,775	1,855,613	² 6,889,207	122,929	204	
2,176,529	23,485	4,808	18,677	232,221	255,225	94	78	28,215	140,121	393,053	² 2,086,706	22,109	2041	
3,880,122	53,394	17,744	35,650	231,410	223,149	96	93	57,313	252,346	798,892	² 3,238,414	55,042	2042	
625,058	15,273	3,657	11,616	49,874	44,569	80	86	10,927	61,902	243,088	² 444,132	17,674	2043	
423,022	3,299	1,183	2,116	109,580	86,920	100	100	3,843	14,286	53,152	² 312,061	1,442	2044	
434,023	6,142	770	5,372	33,516	34,023	78	62	4,894	28,353	118,073	² 279,364	8,606	2045	
622,442	26,129	4,443	21,686	65,540	58,325	83	93	13,792	78,767	249,435	² 528,530	18,056	2046	
5,656,144	121,709	23,436	98,273	191,685	184,875	(NA)	(NA)	302,307	1,337,891	2,642,136	² 5,081,157	119,606	205	
4,505,995	95,280	15,673	79,607	130,111	125,502	98	99	257,846	1,158,062	2,118,818	² 4,098,612	104,085	2051	
1,150,149	26,429	7,763	18,666	61,574	59,373	97	95	44,461	179,829	523,318	² 982,545	15,521	2052	
2,214,012	73,611	12,317	61,294	403,066	302,560	(NA)	(NA)	32,864	161,841	383,052	² 1,567,516	42,836	206	
378,710	19,289	2,701	16,588	24,294	14,154	99	100	7,327	28,662	67,835	² 178,016	8,037	2061	
1,271,229	16,209	1,968	14,241	214,599	134,890	100	100	15,213	83,962	184,824	² 997,288	26,829	2062	
564,073	38,113	7,648	30,465	164,173	153,516	100	100	10,324	49,217	130,393	² 392,212	7,970	2063	

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
20	Food and kindred products--Continued										
207	Candy and related products.....	(NA)	1,263	451	1,552	77,944	349,982	63,568	123,788	246,743	956,037
2071	Confectionery products.....	1,142	1,211	411	1,544	63,643	269,680	52,724	102,402	193,028	635,393
2072	Chocolate and cocoa products..	24	28	23	3	8,743	49,305	6,952	13,964	35,936	184,796
2073	Chewing gum.....	20	24	17	5	5,558	30,997	3,892	7,422	17,779	135,848
208	Beverages.....	(NA)	5,018	1,997	2,149	204,621	1,225,494	108,551	218,517	603,712	3,724,834
2082	Malt liquors.....	171	222	180	21	62,643	470,823	42,679	81,901	302,270	1,286,036
2083	Malt.....	29	42	31	6	1,925	15,084	1,456	2,983	10,839	43,979
2084	Wines and brandy.....	194	222	70	97	6,111	35,051	4,176	8,403	20,523	137,281
2085	Distilled liquor, except brandy.....	70	107	89	9	18,009	110,217	14,343	28,138	80,244	623,736
2086	Bottled and canned soft drinks	3,569	3,905	1,530	1,832	106,850	537,743	40,911	86,857	164,715	1,233,629
2087	Flavorings.....	492	520	97	184	9,083	56,576	4,986	10,235	25,121	400,173
209	Miscellaneous foods and kindred products ³	(NA)	5,001	1,428	2,478	134,068	717,557	89,290	187,472	413,841	2,405,710
2091	Cottonseed oil mills.....	115	188	153	21	8,372	38,173	6,569	16,556	26,014	100,815
2092	Soybean oil mills.....	68	102	71	24	6,478	39,893	4,568	10,057	25,715	152,143
2093	Vegetable oil mills, n.e.c....	39	47	22	8	1,952	11,501	1,507	3,189	8,094	42,692
2094	Animal and marine fats and oils.....	65	615	211	241	14,276	78,305	10,260	22,714	51,254	193,326
2095	Roasted coffee.....	261	324	133	86	17,175	111,429	10,112	20,499	55,596	616,407
2096	Shortening and cooking oils...	65	115	86	13	13,511	88,606	8,880	19,001	54,767	264,501
2097	Manufactured ice.....	862	1,199	135	653	10,757	42,872	6,714	14,056	25,905	90,204
2098	Macaroni and spaghetti.....	207	221	70	144	7,270	35,495	5,095	10,368	21,176	96,012
2099	Food preparations, n.e.c. ³	1,977	2,190	547	1,288	54,277	271,283	35,585	71,032	145,320	849,610
21	Tobacco manufactures.....	(NA)	394	231	149	77,330	330,498	68,579	132,035	271,496	1,680,594
2111	Cigarettes.....	7	14	14	-	35,568	183,046	31,966	62,986	158,847	61,310,325
2121	Cigars.....	164	193	82	125	20,731	68,108	18,965	35,044	57,790	192,998
2131	Chewing and smoking tobacco....	45	51	25	15	4,058	18,207	3,101	5,670	11,603	73,975
2141	Tobacco stemming and redrying...	59	136	110	9	16,973	61,137	14,547	28,335	43,256	6103,296
22	Textile mill products.....	(NA)	7,104	4,368	2,865	863,246	3,385,031	775,330	1,568,126	2,768,414	6,122,982
2211	Weaving mills, cotton.....	229	407	350	40	208,993	771,573	195,530	403,379	688,374	1,256,753
2221	Weaving mills, synthetics.....	277	355	300	55	88,157	366,045	79,750	171,378	306,464	661,535
2231	Weaving, finishing mills, wool..	304	361	249	78	47,429	202,892	41,627	85,034	160,188	386,622
2241	Narrow fabric mills.....	350	384	215	100	23,154	91,869	20,647	40,614	72,956	172,493
225	Knitting mills.....	(NA)	2,848	1,664	1,892	220,486	787,498	198,032	373,341	628,819	1,396,022
2251	Women's hosiery, except socks.	363	411	268	271	51,527	170,875	47,074	87,768	144,129	296,346
2252	Hosiery, n.e.c.....	504	528	338	511	43,340	124,114	40,117	71,349	104,550	192,165
2253	Knit outerwear mills.....	1,175	1,185	666	788	68,570	266,650	60,684	113,602	205,833	463,585
2254	Knit underwear mills.....	104	118	104	30	28,364	95,869	25,578	48,103	76,076	170,709
2256	Knit fabric mills.....	487	518	243	206	25,046	117,532	21,364	46,465	88,296	252,908
2259	Knitting mills, n.e.c.....	86	88	45	88	3,639	12,458	3,215	6,054	9,935	20,309
226	Textile finishing, except wool..	(NA)	621	363	126	70,819	336,906	59,687	127,094	258,194	582,268
2261	Finishing plants, cotton.....	220	238	140	50	42,055	190,532	35,537	74,856	146,817	332,290
2262	Finishing plants, synthetic...	193	205	138	24	19,528	105,975	16,222	36,524	81,391	176,819
2269	Finishing plants, n.e.c.....	174	178	85	52	9,236	40,399	7,928	15,714	29,986	73,159
227	Floor covering mills.....	(NA)	349	187	141	35,656	152,366	30,346	63,870	115,169	394,942
2271	Woven carpets and rugs.....	56	64	31	27	13,357	63,018	11,013	23,443	47,042	120,004
2272	Tufted carpets and rugs.....	167	181	121	48	19,854	80,470	17,188	36,359	61,312	259,343
2279	Carpets and rugs, n.e.c.....	103	104	35	66	2,445	8,878	2,145	4,068	6,815	15,595
228	Yarn and thread mills.....	(NA)	712	551	120	102,647	359,121	94,812	191,439	306,001	652,365
2281	Yarn mills, except wool.....	234	317	284	24	61,647	208,091	58,177	117,894	184,789	363,177
2282	Throwing and winding mills....	165	180	110	59	13,559	47,066	12,104	24,080	37,276	93,649
2283	Wool yarn mills.....	136	144	121	22	17,385	66,526	15,769	32,000	55,015	119,718
2284	Thread mills.....	59	71	36	15	10,056	37,438	8,762	17,465	28,921	75,821
229	Miscellaneous textile goods.....	(NA)	1,067	489	313	65,905	316,761	54,899	111,977	232,249	619,982
2291	Felt goods, n.e.c.....	28	36	30	3	4,952	27,011	4,042	8,658	20,016	58,625
2292	Lace goods.....	145	152	51	53	4,912	19,749	4,265	8,094	15,996	31,472
2293	Padding and upholstery filling	168	183	73	55	6,932	33,651	5,718	12,036	25,156	65,588
2294	Processed textile waste.....	137	141	59	45	4,240	17,845	3,589	7,619	12,869	30,961
2295	Coated fabric, not rubberized.	149	162	87	25	13,705	89,235	10,240	22,067	58,844	179,307
2296	Tire cord and fabric.....	12	20	19	3	9,163	35,139	8,347	16,388	30,041	72,267

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958					
Value of shipments (\$1,000)	Capital expenditures, new ¹			Inventories end of--		Special-ization ratio (percent)	Cover-age ratio (percent)	All employees		Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new ¹ (\$1,000)	Code
	Total (\$1,000)	Structures and additions to plant (\$1,000)	Machinery and equipment (\$1,000)	1963 (\$1,000)	1962 (\$1,000)			Total (number)	Payroll (\$1,000)				
													20
² 2,158,441	39,346	10,206	29,140	355,131	351,301	(NA)	(NA)	80,351	300,679	752,419	² 1,861,487	32,381	207
1,454,512	28,094	7,479	20,615	191,504	184,839	95	95	66,504	236,982	512,532	1,229,277	24,872	2071
479,085	8,371	2,458	5,913	118,391	122,318	99	82	8,271	38,427	135,098	447,156	4,129	2072
224,844	2,881	269	2,612	45,236	44,144	88	96	5,576	25,270	104,789	185,054	3,380	2073
² 6,897,950	225,084	51,343	173,741	1,263,325	1,217,114	(NA)	(NA)	206,985	1,044,481	2,856,112	² 5,418,581	163,383	208
2,315,068	86,217	20,095	66,122	153,310	149,406	100	100	71,723	443,337	1,116,703	1,982,664	72,895	2082
183,515	3,002	678	2,324	78,774	88,877	100	95	2,404	16,338	55,087	195,327	3,131	2083
² 368,281	7,303	1,543	5,760	119,955	121,080	98	99	5,941	29,029	114,242	² 263,963	7,921	2084
⁶ 1,090,462	15,480	4,104	11,376	682,046	673,363	98	99	20,528	102,619	⁶ 458,151	⁶ 941,312	9,908	2085
2,210,920	100,771	20,328	80,443	125,028	115,313	98	95	97,082	405,626	862,487	1,558,263	64,153	2086
729,704	12,311	4,595	7,716	104,212	79,075	90	79	9,307	47,532	249,442	477,052	5,375	2087
² 8,071,930	153,554	46,261	107,293	1,022,773	927,047	(NA)	(NA)	135,140	607,410	1,859,053	² 7,206,405	114,272	209
555,188	12,475	2,314	10,161	153,027	129,836	89	91	8,355	31,223	63,587	420,649	6,605	2091
1,473,385	10,238	1,763	8,475	278,955	223,236	89	95	8,095	41,909	139,612	1,080,798	14,668	2092
234,168	1,561	286	1,275	52,244	50,593	84	83	2,252	12,525	42,066	314,695	2,032	2093
473,993	13,659	2,398	11,261	29,900	29,880	94	66	14,575	67,869	151,595	389,298	12,745	2094
1,868,058	23,459	6,218	17,241	151,086	139,638	90	99	18,823	96,564	461,295	2,038,920	23,070	2095
1,324,357	19,490	3,919	15,571	165,949	161,894	88	89	12,489	70,993	221,519	1,239,129	12,389	2096
122,550	5,741	2,603	3,138	2,718	2,776	99	100	14,557	52,498	107,527	149,552	6,368	2097
222,947	4,786	423	4,363	14,815	15,792	96	94	6,825	27,910	67,130	180,190	5,274	2098
1,797,284	62,145	26,337	35,808	174,079	173,402	91	78	49,169	205,919	604,722	1,393,174	31,121	2099
² 4,519,954	53,843	12,100	41,743	2,406,503	2,500,521	(NA)	(NA)	84,467	294,650	1,413,460	² 3,867,515	48,391	21
⁶ 2,655,346	29,651	3,215	26,436	1,226,519	1,267,241	97	100	33,832	142,413	⁶ 1,058,554	⁶ 2,159,987	20,490	2111
⁶ 358,463	4,246	1,747	2,499	61,783	61,441	100	100	29,350	81,882	⁶ 183,140	⁶ 355,048	7,050	2121
⁶ 139,543	927	225	702	41,491	37,885	97	61	6,348	23,693	⁶ 86,188	⁶ 175,770	1,079	2131
⁶ 1,366,602	19,019	6,913	12,106	1,076,710	1,133,954	100	100	14,937	46,662	⁶ 85,578	⁶ 1,176,710	19,772	2141
15,740,545	382,414	67,894	314,520	2,567,434	2,530,414	(NA)	(NA)	903,245	2,942,907	4,869,543	² 12,415,807	212,393	22
3,104,053	113,366	22,230	91,136	625,846	677,316	92	80	243,419	724,481	1,078,592	2,748,584	48,441	2211
1,722,356	35,798	4,315	31,483	303,248	292,874	86	82	81,688	276,655	468,583	1,225,509	15,043	2221
1,010,692	15,539	2,947	12,592	187,457	179,667	86	96	55,952	206,094	336,618	929,040	9,702	2231
349,071	6,907	1,571	5,336	55,753	54,863	91	97	24,587	85,923	142,638	301,482	6,307	2241
² 3,326,076	63,168	10,794	52,374	505,674	478,904	(NA)	(NA)	214,549	653,408	1,111,264	² 2,588,539	44,215	225
² 606,560	16,187	2,235	13,952	107,236	102,410	96	94	103,170	281,102	463,821	² 946,868	19,757	2251
451,098	6,203	766	5,437	75,426	75,390	91	96	20,586	203,998	⁶ 339,914	⁶ 813,577	11,155	2252
1,045,470	17,277	3,241	14,036	135,470	129,635	92	97	60,586	84,818	⁶ 145,592	⁶ 310,817	5,916	2253
364,834	4,772	1,132	3,640	84,345	76,121	89	91	29,207	73,871	147,394	487,185	7,132	2254
817,383	18,409	3,409	15,000	96,942	88,764	95	93	18,356	9,619	⁶ 14,543	⁶ 30,092	255	2256
40,731	320	11	309	6,255	6,584	93	86	3,230					2259
² 1,400,367	47,815	8,063	39,752	158,551	153,148	(NA)	(NA)	73,205	292,977	455,945	² 1,054,838	21,396	226
869,746	29,273	4,075	25,198	108,403	107,794	81	60	49,212	189,866	289,115	886,237	15,672	2261
323,701	13,890	2,928	10,962	30,988	26,083	91	46	16,185	74,297	114,825	210,568	3,607	2262
206,920	4,652	1,060	3,592	19,160	19,271	89	64	7,808	28,814	52,005	158,033	2,117	2269
² 1,143,862	16,125	3,388	12,737	204,991	193,129	(NA)	(NA)	33,668	123,269	260,466	² 707,708	14,527	227
312,473	4,151	533	3,618	84,831	83,156	77	92	18,151	74,395	128,444	335,536	5,854	2271
801,804	11,512	2,796	8,716	116,256	106,090	96	96	11,528	36,313	108,846	317,639	8,007	2272
29,585	462	59	403	3,904	3,883	89	46	3,989	12,561	23,176	54,533	666	2279
² 2,002,552	51,504	8,122	43,382	277,962	253,511	(NA)	(NA)	107,204	308,042	515,888	² 1,481,779	25,639	228
1,067,043	34,706	4,454	30,252	137,132	130,660	96	83	67,836	179,782	292,219	855,363	15,507	2281
319,252	6,231	1,498	4,733	35,149	28,596	95	88	11,862	37,580	67,648	174,646	3,164	2282
422,189	7,256	1,283	5,973	69,468	59,495	85	82	15,977	54,202	91,212	273,584	5,149	2283
194,068	3,311	887	2,424	36,213	34,760	93	90	11,529	36,478	64,809	178,186	1,819	2284
² 1,681,516	32,192	6,464	25,728	247,952	247,002	(NA)	(NA)	68,924	271,925	499,377	² 1,377,916	27,123	229
133,998	1,791	228	1,563	19,907	19,944	86	88	4,573	21,268	44,443	95,435	1,099	2291
53,046	538	39	499	8,201	7,970	98	91	6,689	25,764	34,247	63,282	1,194	2292
156,539	1,934	644	1,290	16,549	17,016	84	81	7,139	29,510	57,303	139,565	2,372	2293
87,482	1,215	318	897	14,851	15,818	95	86	4,607	17,038	31,100	93,459	929	2294
435,743	12,396	2,948	9,448	68,965	66,137	86	83	10,182	53,980	100,420	246,616	8,576	2295
375,689	3,010	461	2,549	37,226	38,067	87	91	12,214	36,063	69,844	375,790	6,029	2296

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
		(number)	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)
22	Textile mill products—Con.										
229	Miscellaneous textile goods—Continued										
2297	Scouring and combing plants...	64	69	38	17	5,798	24,749	5,171	10,615	19,812	45,402
2298	Cordage and twine.....	148	167	76	60	8,920	34,524	7,704	14,835	26,590	57,614
2299	Textile goods, n.e.c.....	127	137	56	52	7,283	34,858	5,823	11,665	22,925	78,746
23	Apparel and related products	(NA)	28,457	13,011	17,830	1,279,534	4,423,033	1,132,859	2,052,569	3,482,286	7,861,011
2311	Men's and boys' suits and coats.	1,031	1,112	635	451	122,679	494,240	109,045	198,628	398,071	831,910
232	Men's and boys' furnishings.....	(NA)	2,981	1,885	1,070	305,637	899,477	280,010	513,195	751,556	1,617,756
2321	Men's dress shirts and nightwear.....	659	832	564	214	112,926	316,331	104,022	191,629	273,764	599,423
2322	Men's and boys' underwear.....	65	80	63	13	12,084	32,566	11,305	20,828	28,130	63,186
2323	Men's and boys' neckwear.....	341	341	117	225	8,385	30,875	6,872	11,959	20,632	58,136
2327	Separate trousers.....	667	735	423	294	73,848	224,371	67,938	126,369	186,406	383,134
2328	Work clothing.....	301	439	353	130	62,477	179,612	57,580	105,308	149,811	330,653
2329	Men's and boys' clothing, n.e.c.....	529	554	365	194	35,917	115,722	32,293	57,102	92,813	183,224
233	Women's and misses' outerwear...	(NA)	9,740	5,820	4,559	405,466	1,425,994	356,127	626,579	1,112,085	2,459,739
2331	Blouses ³	1,130	1,175	718	621	57,595	177,929	52,099	92,742	145,617	300,525
2335	Dresses ³	4,577	4,752	3,013	2,287	200,003	686,818	177,149	306,261	543,656	1,180,883
2337	Women's suits, coats and skirts.....	2,481	2,516	1,380	1,088	88,332	361,001	75,472	133,604	271,450	637,869
2339	Women's outerwear, n.e.c.....	1,252	1,297	709	563	59,536	200,246	51,407	93,972	151,362	340,462
234	Women's and children's underwear	(NA)	1,420	862	515	113,867	378,757	99,840	180,179	282,008	740,921
2341	Women's and children's underwear.....	978	1,069	628	433	76,723	238,850	68,446	123,433	186,282	430,771
2342	Corsets and allied garments...	296	351	234	82	37,144	139,907	31,394	56,746	95,726	310,150
235	Millinery, hats, and caps.....	(NA)	1,147	394	617	30,791	116,039	26,822	48,307	91,669	184,774
2351	Millinery.....	710	711	221	362	14,183	55,576	12,244	21,688	44,277	93,168
2352	Hats and caps.....	413	436	173	255	16,608	60,463	14,578	26,619	47,392	91,606
236	Children's outerwear.....	(NA)	1,576	924	653	81,884	265,059	72,678	130,498	207,258	466,702
2361	Children's dresses and blouses	630	667	412	325	35,792	115,061	31,928	55,885	89,976	205,623
2363	Children's coats and suits...	269	285	152	135	11,848	42,986	10,395	18,562	32,899	72,735
2369	Children's outerwear, n.e.c....	602	624	360	193	34,244	107,012	30,355	56,051	84,383	188,344
2371	Fur goods.....	1,591	1,591	94	1,085	9,289	55,961	7,700	14,484	45,591	110,619
238	Miscellaneous apparel.....	(NA)	1,582	742	703	61,526	208,838	53,987	97,165	160,234	377,165
2381	Fabric dress and work gloves...	170	197	103	83	12,771	36,673	11,859	21,271	31,513	68,372
2384	Robes and dressing gowns.....	268	271	144	140	11,889	37,381	10,482	18,941	29,122	68,717
2385	Waterproof outer garments.....	223	341	196	112	16,448	60,824	14,154	24,964	44,990	111,342
2386	Leather and sheeplined clothing.....	114	114	50	47	3,352	12,817	3,016	5,764	10,535	23,351
2387	Apparel belts.....	388	389	141	185	9,841	35,590	8,295	15,240	24,843	62,172
2389	Apparel, n.e.c.....	265	270	108	136	7,225	25,553	6,181	10,985	19,231	43,211
239	Fabricated textiles, n.e.c.....	(NA)	7,308	1,655	8,177	148,393	578,668	126,650	243,536	433,814	1,071,425
2391	Curtains and draperies.....	1,092	1,121	255	3,855	21,955	75,114	19,023	35,826	56,439	131,995
2392	Housefurnishings, n.e.c.....	1,205	1,239	422	687	39,690	142,820	33,637	63,931	102,676	285,759
2393	Textile bags.....	175	192	88	191	7,191	28,254	6,125	11,906	20,681	56,523
2394	Canvas products.....	869	881	124	643	11,170	44,550	8,964	17,587	30,576	73,534
2395	Pleating and stitching.....	1,315	1,316	245	1,012	16,353	55,528	14,679	27,975	46,349	95,240
2396	Apparel findings.....	746	756	213	405	24,539	122,623	20,813	40,073	94,156	227,810
2397	Schiffli machine embroideries.	755	759	68	679	6,145	30,517	5,529	11,854	25,957	55,411
2399	Textile products, n.e.c.....	1,027	1,044	240	705	21,350	79,252	17,880	34,384	56,980	145,153
24	Lumber and wood products....	(NA)	36,150	5,765	32,567	563,135	2,338,733	497,409	978,665	1,943,287	4,020,600
2411	Logging camps and contractors...	13,522	13,588	557	14,413	73,130	281,845	65,790	122,505	254,122	520,457
242	Sawmills and planing mills.....	(NA)	13,372	2,575	12,498	242,657	935,743	218,640	428,316	805,829	1,572,518
2421	Sawmills and planing mills ³ ...	11,931	12,189	2,151	11,801	207,365	811,638	186,616	364,250	701,691	1,376,080
2426	Hardwood dimension and flooring.....	601	642	317	314	28,128	98,882	25,433	52,944	81,735	155,083
2429	Special product sawmills, n.e.c.....	476	541	107	383	7,164	25,223	6,591	11,122	22,403	41,355

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958					Code
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Special-ization ratio	Cover-age ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
119,918 149,331 169,770	3,335 2,689 5,284	702 530 594	2,633 2,159 4,690	17,431 38,884 25,938	16,542 39,420 26,088	94 90 85	69 87 82	6,075 9,583 7,862	22,663 33,134 32,505	36,073 65,106 60,841	87,567 141,579 134,623	1,275 1,632 4,017	2297 2298 2299
² 17,096,862 1,526,019 ² 3,597,826 1,295,079 134,949 121,313 824,224 824,710 397,551 ² 5,329,840 610,185 2,410,972 1,522,725 785,958 ² 1,570,020 976,108 593,912 ² 334,293 163,185 171,108 ² 1,025,823 443,343 162,929 419,551 334,414 ² 821,646 149,503 173,450 235,540 56,380 108,600 98,173 ² 2,556,981 312,987 716,650 200,426 166,402 150,183 570,616 97,406 342,311 ² 9,200,039 1,154,693 ² 3,597,604 3,156,345 345,227 96,032	128,582 6,856 25,242 8,770 1,087 504 6,215 5,839 2,827 36,466 4,418 12,699 12,334 7,015 9,926 6,412 3,514 2,960 686 2,274 6,874 2,973 1,106 2,795 1,245 5,624 1,092 818 2,185 315 697 517 33,389 2,936 8,384 1,878 2,090 2,837 8,321 2,425 4,518 394,729 95,602 181,545 172,471 7,106 1,968	31,993 1,322 6,005 1,947 251 159 1,598 1,629 421 10,189 870 2,436 5,286 1,597 1,590 977 613 535 17 518 1,419 953 74 392 80 1,739 341 165 989 76 19 149 9,114 1,074 2,230 537 612 789 2,512 284 1,076 129,710 14,899 83,244 80,783 2,036 425	96,589 5,534 19,237 6,823 836 345 4,617 4,210 2,406 26,277 3,548 10,263 7,048 5,418 8,336 5,435 2,901 2,425 669 1,756 5,455 2,020 1,032 2,403 1,165 3,885 751 653 1,196 239 678 368 24,275 1,862 6,154 1,341 1,478 2,048 5,809 2,141 3,442 265,019 80,703 98,301 91,688 5,070 1,543	2,164,991 288,671 576,201 211,043 22,496 13,656 14,401 126,584 127,157 56,893 445,317 49,944 162,563 126,778 106,032 241,594 141,703 99,891 38,970 10,062 28,908 125,288 44,143 16,364 64,781 42,862 94,740 25,773 13,582 21,010 5,472 10,935 18,245 310,809 34,686 98,174 28,260 28,240 10,939 55,890 5,900 48,720 1,352,730 99,626 641,680 558,622 63,941 19,117	2,051,474 268,669 529,499 189,440 18,111 14,401 126,584 127,157 53,806 435,894 44,640 158,720 126,762 105,772 225,246 134,849 90,397 36,868 9,704 27,164 118,965 41,376 18,933 58,656 41,011 94,740 25,773 12,774 18,833 4,852 11,378 21,130 300,582 32,648 94,167 25,033 27,314 10,282 53,229 5,690 52,219 1,335,911 105,882 637,919 555,998 60,655 21,266	(NA) 92 (NA) 85 81 89 98 83 81 83 (NA) 86 96 88 92 80 (NA) 93 95 (NA) 100 98 (NA) 90 82 92 79 99 (NA) 94 96 94 92 97 91 93 (NA) 96 88 85 91 98 97 96 86 (NA) 99 (NA) 89 86 86 98	(NA) 96 (NA) 81 31 98 78 90 47 (NA) 69 96 (NA) 55 (NA) 85 97 (NA) 100 98 (NA) 82 94 96 93 83 94 82 (NA) 95 86 86 49 75	1,181,011 122,205 271,610 103,948 11,037 7,734 26,835 51,632 64,780 32,392 361,126 47,484 184,717 84,145 309,671 84,146 111,335 73,527 37,808 35,539 17,838 17,701 80,809 36,123 12,798 31,888 9,355 60,026 13,941 10,625 13,159 4,626 10,150 7,525 128,897 16,366 36,769 9,114 9,875 32,986 5,739 17,930 585,372 71,738 278,632 245,907 25,140 7,176	22,663 33,134 32,505 254,873 26,650 26,835 134,027 154,834 93,119 1,157,083 125,581 587,976 309,671 132,013 321,591 199,652 121,939 123,429 64,095 59,334 231,184 100,818 42,435 87,931 50,454 177,499 32,870 30,461 43,114 16,166 31,801 23,087 426,601 48,403 113,402 30,047 35,175 116,993 24,451 57,786 2,007,451 227,963 869,940 770,912 75,177 22,097	36,073 65,106 60,841 642,510 1,128,483 642,300 41,732 48,938 209,050 255,481 149,951 1,918,341 200,164 970,963 514,901 229,368 596,248 347,705 248,543 200,431 109,133 91,298 381,349 167,094 68,205 146,050 95,411 306,277 53,930 56,442 73,070 27,847 53,726 41,262 731,699 87,273 218,295 51,638 53,696 177,784 44,311 98,087 3,212,621 390,380 1,344,731 1,195,775 110,354 36,123	87,567 141,579 134,623 1,295,362 2,683,621 969,902 102,681 102,405 452,414 689,819 365,963 2,46,104 454,103 2,043,422 1,233,227 509,569 1,282,206 814,721 467,485 360,955 190,263 170,692 843,245 355,372 163,821 324,052 281,335 657,286 118,749 132,671 146,175 65,734 99,053 94,904 1,923,455 217,029 616,224 204,379 131,336 431,890 75,484 247,113 7,595,100 868,279 2,272,374 2,917,314 260,645 89,381	1,275 1,632 4,017 4,906 16,503 5,687 451 584 3,970 3,452 2,359 22,362 2,277 9,436 6,984 3,577 8,758 5,404 3,354 2,446 1,371 1,075 5,014 1,847 783 2,384 2,644 3,644 556 459 958 338 816 517 23,467 1,861 6,072 1,512 1,848 5,769 3,593 2,781 286,768 68,357 138,817 129,403 7,645 1,682	2297 2298 2299 23 2311 232 2321 2322 2323 2327 2328 2329 233 2331 2335 2337 2339 234 2341 2342 235 2351 2352 236 2361 2363 2369 2371 238 2381 2384 2385 2386 2387 2389 239 2391 2392 2393 2394 2395 2396 2397 2399 24 2411 242 2421 2426 2429

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									Value added by manufacture, adjusted
		Companies	Establishments		Proprietors and partners	All employees		Production workers			
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
24	Lumber and wood products—Continued										
243	Millwork and related products...	(NA)	4,970	1,454	2,976	147,244	726,642	125,569	253,600	572,197	1,239,845
2431	Millwork plants ³	3,730	3,770	748	2,666	65,283	320,817	53,519	106,215	240,702	524,041
2432	Veneer and plywood plants.....	532	641	503	149	66,155	324,746	60,455	124,900	281,321	559,211
2433	Prefabricated wood products...	528	559	203	161	15,806	81,079	11,595	22,485	50,174	156,593
244	Wooden containers.....	(NA)	986	320	634	30,945	111,804	27,948	55,333	92,087	174,232
2441	Nailed wooden boxes and shooks	637	663	183	473	14,483	55,858	12,934	26,277	45,944	85,046
2442	Wirebound boxes and crates.....	100	117	70	46	9,893	32,717	9,012	17,697	26,669	55,606
2443	Veneer and plywood containers.....	84	99	44	66	3,953	11,649	3,682	6,974	9,889	16,086
2445	Cooperage.....	71	107	23	49	2,616	11,580	2,320	4,385	9,585	17,494
249	Miscellaneous wood products ³	(NA)	3,234	859	2,046	69,159	282,699	59,462	118,911	219,052	513,548
2491	Wood preserving.....	250	338	157	117	11,178	45,257	9,468	19,373	34,741	93,265
2499	Wood products, n.e.c. ³	2,818	2,896	702	1,929	57,981	237,442	49,994	99,538	184,311	420,283
25	Furniture and fixtures.....	(NA)	10,478	3,313	5,894	376,548	1,726,707	314,762	639,698	1,289,989	3,068,287
251	Household furniture.....	(NA)	6,560	2,319	3,636	270,293	1,149,691	231,608	469,601	880,689	2,047,494
2511	Wood furniture not upholstered	2,937	3,063	992	1,851	140,982	574,614	124,699	259,292	462,689	993,200
2512	Wood furniture, upholstered...	1,729	1,785	713	903	67,850	291,587	57,852	113,238	225,565	506,727
2514	Metal household furniture.....	508	517	244	183	29,346	128,819	24,322	47,908	91,987	247,003
2515	Mattresses and bedsprings ³	1,066	1,120	340	671	30,061	146,287	22,993	45,765	94,589	285,510
2519	Household furniture, n.e.c.....	72	75	30	28	2,054	8,384	1,742	3,398	5,859	15,054
252	Office furniture.....	(NA)	308	165	104	26,444	142,640	21,374	43,346	105,093	285,347
2521	Wood office furniture.....	131	138	58	60	6,516	30,560	5,622	11,815	23,666	57,018
2522	Metal office furniture.....	153	170	107	44	19,928	112,080	15,752	31,531	81,427	228,329
2531	Public building furniture.....	424	429	164	204	16,949	83,373	13,257	26,817	57,435	141,756
254	Partitions and fixtures.....	(NA)	2,107	514	1,245	44,633	261,822	34,372	71,710	185,452	433,495
2541	Wood partitions and fixtures..	1,588	1,594	347	1,008	24,343	142,521	19,446	40,037	106,292	219,194
2542	Metal partitions and fixtures.	502	513	167	237	20,290	119,301	14,926	31,673	79,160	214,301
259	Furniture and fixtures, n.e.c....	(NA)	1,074	151	705	18,229	89,181	14,151	28,224	61,320	160,195
2591	Venetian blinds and shades....	695	718	60	535	10,689	49,590	7,980	15,781	32,511	94,324
2599	Furniture and fixtures, n.e.c.	354	356	91	170	7,540	39,591	6,171	12,443	28,809	65,871
26	Paper and allied products ³ ..	(NA)	5,713	3,552	1,113	588,014	3,508,185	467,795	988,582	2,551,148	7,395,677
2611	Pulp mills ³	34	45	40	1	15,123	107,359	12,242	25,156	81,018	295,804
2621	Paper mills, except building...	186	325	313	3	129,848	877,942	105,636	234,596	682,034	1,857,203
2631	Paperboard mills.....	146	271	259	5	63,398	429,017	51,334	113,145	326,960	1,186,224
264	Paper and paperboard products...	(NA)	2,495	1,196	655	166,725	917,333	129,359	265,697	632,688	1,962,370
2641	Paper coating and glazing.....	323	387	181	78	31,983	200,794	23,262	49,931	130,287	457,367
2642	Envelopes.....	180	230	173	42	20,728	114,860	16,447	34,211	78,582	188,963
2643	Bags, except textile bags.....	495	586	297	134	42,343	219,137	34,307	69,132	156,692	369,685
2644	Wallpaper.....	77	79	31	11	2,194	11,866	1,650	3,265	7,867	20,907
2645	Die cut paper and board.....	370	425	156	140	15,135	83,373	11,696	23,524	57,070	183,185
2646	Pressed and molded pulp goods.	43	59	42	10	5,720	32,862	4,522	9,697	24,207	70,006
2647	Sanitary paper products.....	97	119	77	14	19,108	112,539	15,261	32,339	85,928	369,711
2649	Converted paper products, n.e.c.....	570	610	239	226	29,514	141,902	22,214	43,598	92,055	302,546
265	Paperboard containers and boxes.	(NA)	2,494	1,667	446	201,046	1,106,897	159,066	328,626	771,539	1,940,973
2651	Folding paperboard boxes.....	534	636	418	115	51,291	288,841	41,451	85,550	206,654	476,866
2652	Set-up paperboard boxes.....	474	503	317	152	20,459	82,229	17,659	34,523	61,534	131,688
2653	Corrugated shipping containers	534	923	651	120	83,229	485,594	62,800	132,289	323,829	804,012
2654	Sanitary food containers.....	98	186	144	14	32,879	182,745	25,935	53,448	129,247	402,211
2655	Fiber cans, tubes, drums, etc.	166	246	137	45	13,188	67,488	11,221	22,816	50,275	126,196
2661	Building paper and board mills ³ .	33	83	77	3	11,874	69,637	10,158	21,362	56,909	153,103
27	Printing and publishing.....	(NA)	38,090	7,215	23,567	913,243	5,514,816	559,843	1,083,179	3,190,988	10,476,433
2711	Newspapers.....	7,982	8,331	1,865	5,815	306,439	1,784,570	160,061	294,541	935,160	3,201,872
2721	Periodicals.....	2,562	2,630	402	1,006	67,730	461,124	12,257	22,134	65,573	1,349,030
273	Books.....	(NA)	1,676	531	568	82,913	494,839	41,451	83,013	224,033	1,354,030
2731	Books, publishing and printing	936	993	256	305	46,812	280,664	11,810	23,450	59,474	995,736
2732	Book printing.....	662	683	275	263	36,101	214,175	29,641	59,563	164,559	358,299

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963-Continued								1958					
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Specialization ratio	Coverage ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	Code
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
² 3,013,552 1,270,613 1,339,630 403,309	70,563 20,935 41,887 7,741	18,563 7,813 8,157 2,593	52,000 13,122 33,730 5,148	387,638 190,548 144,447 52,643	367,486 183,590 139,816 44,080	(NA) 95 92 98	(NA) 93 94 96	135,078 61,962 59,346 13,550	571,772 267,997 240,821 61,984	926,351 412,548 390,131 122,344	² 2,255,961 1,049,571 884,111 322,279	46,250 16,878 24,954 4,418	243 2431 2432 2433
² 401,529 206,020 114,669 27,923 52,917	8,531 6,014 1,565 336 616	3,296 2,754 316 120 106	5,235 3,260 1,249 216 510	60,733 25,325 13,594 5,161 16,653	61,609 23,394 13,496 4,647 20,072	(NA) 85 92 90 97	(NA) 83 93 79 99	38,308 19,015 10,006 5,416 3,871	117,488 62,424 27,946 12,850 14,268	176,582 92,322 46,094 18,323 19,843	² 409,773 211,407 97,991 30,271 70,070	6,194 3,251 1,226 579 1,138	244 2441 2442 2443 2445
² 1,032,661 247,294 785,367	38,488 5,548 32,940	9,708 1,004 8,704	28,780 4,544 24,236	163,053 61,884 101,169	163,015 60,544 102,471	(NA) 98 92	(NA) 97 87	61,427 10,933 50,494	219,745 36,625 183,120	373,818 72,508 301,310	² 787,265 202,957 584,308	27,150 3,661 23,489	249 2491 2499
5,884,064	110,180	40,582	69,598	827,228	791,583	(NA)	(NA)	354,165	1,413,687	2,395,986	² 4,765,877	82,248	25
² 4,035,446 1,857,992 983,204 524,305 641,008 28,937	68,842 40,409 13,653 6,840 7,310 630	23,497 14,448 5,473 1,127 2,311 138	45,345 25,961 8,180 5,713 4,999 492	536,701 285,345 104,251 69,934 73,513 3,658	508,667 273,432 95,049 66,686 69,856 3,644	(NA) 94 92 88 90 84	(NA) 96 92 89 90 51	257,729 125,619 67,655 30,338 31,713 2,205	966,267 443,289 256,969 124,620 132,258 8,383	1,623,706 706,330 432,194 218,667 248,801 16,176	² 3,362,224 1,382,209 877,366 496,147 572,150 30,643	51,543 26,234 11,024 6,266 7,333 686	251 2511 2512 2514 2515 2519
² 491,479 101,514 389,965	15,710 1,511 14,199	8,056 873 7,183	7,654 638 7,016	84,368 17,134 67,234	84,114 16,015 68,099	(NA) 90 87	(NA) 87 89	23,290 5,821 17,469	109,512 23,516 85,996	212,100 38,427 173,673	² 354,396 68,392 286,004	6,093 840 5,253	252 2521 2522
268,563	4,369	1,203	3,166	53,846	49,817	88	85	15,952	69,342	112,881	208,406	4,941	2531
² 767,452 389,609 377,843	15,286 6,766 8,520	5,182 2,708 2,474	10,104 4,058 6,046	103,303 46,496 56,807	100,097 44,634 55,463	(NA) 94 83	(NA) 89 82	37,747	186,636	301,250	² 538,872	13,644	² 54 2541 2542
² 321,124 199,552 121,572	5,973 4,282 1,691	2,644 2,381 263	3,329 1,901 1,428	49,010 34,708 14,302	48,888 35,191 13,697	(NA) 89 86	(NA) 90 70	19,401 11,309 7,990	81,774 44,020 37,450	145,654 84,856 60,189	² 301,295 189,618 110,360	6,027 3,336 2,691	259 2591 2599
² 16,357,102 609,050 3,824,915 2,315,954	708,532 38,899 232,779 159,528	118,838 7,454 29,948 32,835	589,694 31,445 202,831 126,693	1,759,327 65,404 430,219 149,885	1,698,554 70,244 417,913 151,862	(NA) 88 90 85	(NA) 71 92 90	551,338 14,171 131,334 57,086	2,759,387 74,797 740,988 321,765	5,668,720 196,026 1,542,746 840,057	² 12,897,517 427,997 3,259,415 1,690,918	634,446 42,991 258,769 102,100	26 2611 2621 2631
² 4,686,353 1,161,604 363,250 1,061,715 36,548 378,332 110,135 983,019	128,520 45,602 8,118 26,671 359 7,731 11,558 16,628	21,912 8,753 1,083 4,114 25 1,643 1,312 2,741	106,608 36,849 7,035 22,557 334 6,088 10,246 13,887	528,821 139,029 43,682 134,106 8,455 37,356 14,105 59,430	503,051 128,555 42,920 125,681 8,452 38,781 12,319 54,878	(NA) 82 94 86 97 88 99 93	(NA) 78 96 88 99 82 96 97	150,972 27,794 17,757 39,042 2,806 12,209 4,472	704,602 143,476 84,566 169,888 13,417 58,512 21,254	1,412,894 319,588 138,318 308,874 21,463 111,164 49,819	² 3,601,574 805,185 271,631 908,521 40,840 251,364 78,780	81,493 16,837 6,430 18,523 416 10,613 2,170	264 2641 2642 2643 2644 2645 2646 2647
591,750	11,853	2,241	9,612	92,658	91,465	84	78	46,892	213,489	463,668	1,245,092	26,504	2649
² 4,639,266 1,081,147 225,794 2,166,137 905,931 260,257	140,741 36,008 5,049 54,094 37,901 7,689	26,014 7,936 751 12,711 3,426 1,190	114,727 28,072 4,298 41,383 34,475 6,499	558,503 152,818 26,788 210,370 143,164 25,363	530,145 146,393 25,441 197,218 137,847 23,246	(NA) 85 91 97 92 95	(NA) 88 87 96 92 80	181,177 46,389 23,532 70,792 29,493 10,971	835,016 221,989 80,924 345,117 139,131 47,855	1,501,629 391,031 124,892 596,934 309,224 79,548	² 3,587,805 887,209 219,240 1,635,650 680,079 165,627	136,008 34,081 5,930 51,955 35,774 8,268	265 2651 2652 2653 2654 2655
281,564	8,065	675	7,390	26,495	25,339	97	88	16,598	82,219	175,368	329,808	13,085	2661
² 16,165,744 4,483,592 2,295,716	463,904 135,198 33,784	111,020 39,263 13,921	352,884 95,935 19,863	1,315,098 115,305 131,358	1,199,039 117,253 113,604	(NA) 96 89	(NA) 100 96	864,607 295,622 66,749	4,489,245 1,499,939 386,710	7,973,195 2,528,774 974,513	² 12,589,037 3,628,021 1,729,485	421,547 148,209 35,051	27 2711 2721
² 2,081,219 1,534,632 546,587	50,371 25,426 24,945	15,195 9,423 5,772	35,176 16,003 19,173	410,446 362,408 48,038	363,429 318,008 45,421	(NA) 93 78	(NA) 88 69	67,127 38,502 28,625	335,849 191,859 143,990	843,034 616,241 226,793	² 1,390,796 1,033,144 357,652	23,936 13,090 10,846	273 2731 2732

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
27	Printing and publishing—Continued										
2741	Miscellaneous publishing.....	1,308	1,374	177	568	22,551	130,427	9,798	18,688	48,799	252,932
275	Commercial printing.....	(NA)	19,511	2,848	13,365	300,309	1,852,525	234,602	465,335	1,355,829	2,961,069
2751	Printing, except lithographic.	11,979	12,109	1,404	9,043	170,215	1,007,469	136,118	264,230	762,732	1,578,275
2752	Printing, lithographic.....	6,738	6,822	1,339	3,978	121,072	794,353	91,358	187,293	554,933	1,302,046
2753	Engraving and plate printing..	574	580	105	344	9,022	50,703	7,126	13,812	38,164	80,748
2761	Manifold business forms.....	439	502	250	172	28,796	173,238	21,259	43,296	116,680	377,710
2771	Greeting card manufacturing.....	239	257	93	117	21,535	105,600	13,356	26,187	53,891	204,608
278	Bookbinding and related work....	(NA)	1,453	469	831	42,237	206,174	36,076	69,559	157,292	340,763
2782	Blankbooks; looseleaf binders..	380	410	158	190	17,899	91,197	14,412	28,710	64,392	168,465
2789	Bookbinding and related work..	1,038	1,043	311	641	24,338	114,977	21,664	40,849	92,900	172,298
279	Printing trades services.....	(NA)	2,356	580	1,125	40,733	306,319	30,983	60,426	233,731	434,419
2791	Typesetting.....	1,271	1,289	282	707	20,997	147,286	16,944	33,517	118,664	205,450
2793	Photoengraving.....	872	883	218	371	14,620	119,743	10,271	19,643	86,582	171,796
2794	Electrotyping and stereotyping	170	184	80	47	5,116	39,290	3,768	7,266	28,485	57,173
28	Chemicals and allied products.....	(NA)	11,996	3,985	2,856	737,414	4,969,843	474,141	963,361	2,779,938	17,586,138
281	Basic chemicals ³	(NA)	1,905	897	214	236,652	1,763,225	155,649	315,920	1,052,889	6,171,182
2812	Alkalies and chlorine.....	19	38	37	-	19,652	138,156	13,489	27,594	88,091	389,243
2813	Industrial gases.....	104	456	146	15	9,809	66,551	5,250	11,069	33,459	260,182
2814	Cyclic (coal tar) crudes.....	8	36	17	1	1,636	11,009	1,314	2,855	8,615	35,103
2815	Intermediate coal tar products	112	141	84	14	26,089	190,849	17,576	35,725	116,149	570,234
2816	Inorganic pigments.....	69	96	49	11	11,544	76,372	8,135	16,161	49,859	286,407
2818	Organic chemicals, n.e.c.....	343	464	241	71	85,492	677,252	56,370	114,438	405,019	2,727,450
2819	Inorganic chemicals, n.e.c.....	404	674	323	102	82,430	603,036	53,515	108,078	351,697	1,902,563
282	Fibers, plastics, rubbers.....	(NA)	577	323	80	144,713	973,910	101,690	207,403	602,648	2,865,399
2821	Plastics materials and resins..	391	509	256	79	61,366	437,566	41,446	86,134	264,499	1,202,349
2822	Synthetic rubber.....	16	24	24	-	11,840	93,507	7,844	15,915	56,615	329,520
2823	Cellulosic man-made fibers....	8	19	19	-	30,086	167,028	24,015	48,114	120,492	411,529
2824	Organic fibers, noncellulosic..	14	25	24	1	41,421	275,809	28,385	57,240	161,042	922,001
283	Drugs.....	(NA)	1,262	401	312	99,001	673,775	54,911	110,033	296,631	2,807,331
2831	Biological products.....	102	113	40	21	5,789	33,813	3,649	7,228	17,032	60,377
2833	Medicinals and botanicals.....	122	138	42	19	8,128	59,324	5,325	11,134	33,606	151,297
2834	Pharmaceutical preparations...	944	1,011	319	272	85,084	580,638	45,937	91,671	245,993	2,595,657
284	Cleaning and toilet goods.....	(NA)	2,660	587	874	85,572	525,842	53,309	107,010	275,225	2,866,446
2841	Soap and other detergents.....	641	704	172	208	30,794	214,144	20,116	41,005	127,611	1,137,425
2842	Polishes and sanitation goods..	1,075	1,101	173	434	16,332	96,586	9,477	18,971	42,342	420,440
2843	Surface active agents.....	137	148	59	33	4,108	31,893	2,162	4,586	12,795	75,698
2844	Toilet preparations.....	673	707	183	199	34,338	183,219	21,554	42,448	92,477	1,232,883
2851	Paints and allied products.....	1,579	1,788	654	396	61,267	401,240	33,825	69,113	183,533	1,111,681
2861	Gum and wood chemicals ⁷	229	246	53	135	6,787	32,682	5,357	10,800	22,884	100,329
287	Agricultural chemicals.....	(NA)	1,354	543	271	42,834	213,149	29,465	61,246	128,900	628,273
2871	Fertilizers.....	145	281	199	36	19,992	102,294	14,842	31,899	70,812	287,800
2872	Fertilizers, mixing only.....	537	733	232	172	13,752	59,390	9,343	18,714	33,673	164,140
2879	Agricultural chemicals, n.e.c.	241	340	112	63	9,090	51,465	5,280	10,633	24,415	176,333
289	Miscellaneous chemical products.	(NA)	2,204	527	574	60,588	386,020	39,935	81,836	217,228	1,035,497
2891	Glue and gelatin.....	294	368	104	71	8,521	54,869	5,426	11,245	28,620	147,006
2892	Explosives.....	41	68	47	11	14,814	91,613	10,919	20,881	60,114	165,733
2893	Printing ink.....	216	348	103	69	8,455	55,943	5,628	11,785	32,440	125,138
2895	Carbon black.....	8	33	31	-	3,010	20,669	2,287	4,913	14,915	91,752
2899	Chemical preparations, n.e.c....	1,312	1,387	242	423	25,788	162,926	15,675	33,012	81,139	505,868
29	Petroleum and coal products ³	(NA)	1,839	689	318	153,486	1,133,765	109,448	216,679	745,123	3,713,231
2911	Petroleum refining.....	266	427	297	71	119,297	922,319	85,929	166,409	614,318	3,137,603
295	Paving and roofing materials....	(NA)	992	267	137	24,261	144,542	17,640	38,122	97,342	355,565
2951	Paving mixtures and blocks.....	528	762	127	108	9,680	62,065	6,746	15,076	40,014	165,584
2952	Asphalt felts and coatings.....	126	230	140	29	14,581	82,477	10,894	23,046	57,328	189,981

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958						
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Specialization ratio	Coverage ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	Code	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll					
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
389,588	7,113	2,262	4,851	27,176	26,800	92	84	19,301	91,753	199,181	307,916	5,993	2741	
² 4,905,840	179,941	32,507	147,434	416,506	364,774	(NA)	(NA)	288,337	1,519,224	2,348,372	² 3,968,141	158,634	275	
2,645,051	99,228	19,217	80,011	245,674	203,888	86	79	279,290	1,476,109	2,283,901	3,880,939	155,038	2751	
2,149,651	76,877	12,110	64,767	160,624	151,628	80	82						2752	
111,138	3,836	1,180	2,656	10,208	9,258	89	79	9,047	43,115	64,471	87,202	3,596	2753	
637,673	23,084	3,183	19,901	64,416	63,714	90	91	23,618	120,945	245,229	405,731	14,755	2761	
345,961	6,847	1,898	4,949	75,240	79,096	92	96	21,777	89,405	178,563	291,480	5,154	2771	
² 496,696	14,114	1,289	12,825	54,658	50,850	(NA)	(NA)	40,032	166,472	265,382	² 399,849	13,426	278	
268,219	6,120	540	5,580	39,945	38,161	88	88	17,872	79,024	132,660	217,862	6,805	2782	
228,477	7,994	749	7,245	14,713	12,689	95	83	22,160	87,448	132,722	181,987	6,621	2789	
² 529,459	13,452	1,502	11,950	19,993	19,519	(NA)	(NA)	42,021	278,862	389,956	² 467,240	16,389	279	
241,014	6,747	506	6,241	10,710	10,685	95	90	18,011	109,352	155,123	177,186	7,181	2791	
212,377	5,720	925	4,795	6,123	5,599	95	91	17,251	125,337	172,158	208,911	6,992	2793	
76,068	985	71	914	3,160	3,235	87	86	6,759	44,173	62,675	81,143	2,216	2794	
² 31,772,722	1,545,689	354,876	1,190,816	3,825,760	3,702,178	(NA)	(NA)	698,312	3,940,461	12,308,024	² 23,129,493	1,244,472	28	
² 11,109,077	813,266	173,814	639,452	1,242,570	1,214,885	(NA)	(NA)	238,104	1,459,683	4,313,837	² 7,986,172	666,035	281	
652,120	57,470	6,590	50,880	64,328	64,130	66	79	20,476	115,024	306,187	504,309	27,871	2812	
425,388	93,518	18,059	75,459	15,284	15,273	98	87	10,642	56,661	174,249	277,441	48,578	2813	
105,172	2,225	198	2,027	16,138	14,662	(D)	(D)	2,084	12,008	29,993	116,972	4,036	2814	
1,107,583	104,600	15,739	88,861	194,818	166,485	69	65	26,218	155,411	373,106	817,387	73,919	2815	
484,768	17,365	1,988	15,377	86,597	89,758	91	87	11,368	61,867	235,658	417,673	42,880	2816	
4,840,176	400,981	73,068	327,913	552,836	546,828	72	81	77,442	508,433	1,725,790	3,097,963	330,317	2818	
3,493,870	137,107	58,172	78,935	312,569	317,749	88	74	89,874	550,279	1,468,854	2,754,427	138,434	2819	
² 5,470,376	378,561	59,171	319,390	604,206	590,618	(NA)	(NA)	121,536	683,376	1,899,770	² 3,794,198	291,206	282	
2,571,492	137,781	25,842	111,939	321,812	314,716	84	64	51,003	308,212	871,956	1,846,667	178,882	2821	
763,891	32,328	3,755	28,573	76,829	74,957	92	80	9,252	60,909	197,866	536,348	16,046	2822	
731,815	38,129	5,511	32,618	81,555	86,154	(D)	(D)	42,597	211,513	390,310	722,818	42,619	2823	
1,403,178	170,323	24,063	146,260	124,010	114,791	95	97	18,684	102,742	439,638	688,365	53,659	2824	
² 3,715,860	113,328	54,153	59,178	530,214	501,359	(NA)	(NA)	95,940	545,691	2,096,288	² 2,977,950	111,688	283	
95,744	10,091	4,866	5,225	29,523	25,895	88	45	3,692	16,218	38,947	63,833	4,565	2831	
305,793	13,951	4,073	9,878	72,423	68,685	71	47	10,246	62,877	175,817	322,286	34,770	2833	
3,314,323	89,286	45,214	44,075	428,268	406,779	87	94	82,002	466,596	1,881,524	2,591,831	72,353	2834	
² 4,855,451	84,731	22,743	61,988	466,360	455,500	(NA)	(NA)	78,618	417,514	1,903,101	² 3,376,749	42,322	284	
2,127,789	44,056	10,898	33,158	195,224	195,191	82	92	29,603	181,485	857,585	1,605,935	17,795	2841	
757,179	13,306	3,903	9,403	73,632	75,391	82	72	16,429	82,594	295,566	585,029	7,082	2842	
177,821	7,183	1,392	5,791	22,537	23,060	80	47	3,122	19,484	52,421	126,624	3,127	2843	
1,792,662	20,186	6,550	13,636	174,967	161,858	91	84	29,464	133,951	697,529	1,059,161	14,318	2844	
2,456,361	37,705	13,091	24,614	340,188	324,494	95	96	58,770	323,372	806,895	1,878,733	35,363	2851	
212,850	5,638	1,410	4,228	53,750	50,426	74	77	7,251	30,097	85,302	182,176	4,928	2861	
² 1,968,944	66,518	19,489	47,029	350,429	332,377	(NA)	(NA)	38,679	160,421	414,781	² 1,376,982	39,929	287	
869,213	45,476	13,908	31,568	148,876	143,918	89	97	18,728	79,022	197,943	605,249	24,276	2871	
623,070	11,987	3,602	8,385	108,226	102,677	94	96	12,161	43,610	105,845	438,628	8,676	2872	
476,661	9,055	1,979	7,076	93,327	85,782	87	69	7,790	37,789	110,993	333,105	6,977	2879	
1,983,803	45,942	11,005	34,937	238,043	232,519	(NA)	(NA)	59,117	319,267	785,236	² 1,547,476	53,001	289	
351,680	9,778	2,676	7,102	47,014	47,142	83	72	7,890	42,146	106,383	245,205	8,077	2891	
283,298	5,500	1,305	4,195	27,224	28,536	88	94	14,971	79,597	131,646	228,614	9,350	2892	
268,012	4,632	1,397	3,235	31,071	32,022	93	92	7,960	45,069	108,803	228,141	4,817	2893	
149,122	3,972	640	3,332	15,045	16,996	(D)	(D)	3,162	18,606	72,641	119,271	4,612	2895	
931,691	22,060	4,987	17,073	117,689	107,823	82	71	25,134	133,849	365,763	726,245	26,145	2899	
² 17,994,742	413,681	283,759	129,902	1,818,020	1,829,302	(NA)	(NA)	179,166	1,116,673	2,518,424	² 15,623,067	681,805	29	
16,496,896	385,126	275,259	109,867	1,695,549	1,708,184	98	97	146,025	944,332	2,119,402	14,539,055	656,788	2911	
² 955,092	22,009	6,595	15,414	55,158	53,732	(NA)	(NA)	23,317	119,472	269,035	² 727,780	16,469	295	
427,460	15,055	4,965	10,090	12,108	11,869	92	89	7,797	42,028	112,548	267,676	9,856	2951	
527,632	6,954	1,630	5,324	43,050	41,863	90	92	15,520	77,444	156,487	460,104	6,613	2952	

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
	Petroleum and coal products ³ —Continued										
299	Petroleum and coal products, n.e.c.....	(NA)	420	125	110	9,928	66,904	5,879	12,148	33,463	220,063
2992	Lubricating oils and greases..	311	353	108	86	8,433	57,946	4,701	9,778	27,007	199,074
2999	Petroleum and coal products, n.e.c. ⁷	59	67	17	24	1,495	8,958	1,178	2,370	6,456	20,989
30	Rubber and plastics products, n.e.c.....	(NA)	5,728	2,449	1,651	414,959	2,364,033	328,785	658,464	1,672,376	4,653,953
3011	Tires and inner tubes.....	105	155	96	37	85,259	621,741	66,268	131,783	460,145	1,321,712
3021	Rubber footwear.....	44	53	46	4	29,147	130,361	25,951	48,168	105,763	216,959
3031	Reclaimed rubber.....	7	13	13	2	2,010	13,598	1,658	3,145	10,413	27,378
3069	Rubber products, n.e.c.....	1,046	1,173	620	300	132,228	760,761	100,581	203,392	516,065	1,427,022
3079	Plastics products, n.e.c.....	4,101	4,334	1,674	1,308	166,315	837,572	134,327	271,976	579,990	1,660,882
31	Leather and leather products	(NA)	4,047	2,073	2,345	327,489	1,227,824	292,339	543,094	982,096	2,078,572
3111	Leather tanning and finishing...	482	525	256	328	31,417	163,307	27,282	54,556	129,756	273,092
3121	Industrial leather belting.....	81	83	23	63	2,870	15,897	2,099	4,198	9,723	32,915
3131	Footwear cut stock.....	414	446	204	376	14,339	53,420	12,600	23,694	40,867	90,611
314	Footwear, except rubber.....	(NA)	1,193	912	570	212,767	753,359	192,795	352,223	619,751	1,279,295
3141	Shoes, except rubber.....	784	1,040	815	460	201,728	713,577	182,901	334,969	589,369	1,214,740
3142	House slippers.....	149	153	97	110	11,039	39,782	9,894	17,254	30,382	64,555
3151	Leather gloves.....	160	166	87	92	7,718	24,439	6,899	12,244	19,481	32,194
3161	Luggage.....	377	379	145	202	16,409	62,853	14,134	26,340	46,715	112,796
317	Purses and small leather goods..	(NA)	885	379	449	36,980	135,807	32,321	61,332	102,135	224,939
3171	Handbags and purses.....	539	545	262	258	24,548	88,455	22,001	41,752	70,058	142,554
3172	Small leather goods.....	325	340	117	191	12,432	47,352	10,320	19,580	32,077	82,385
3199	Leather goods, n.e.c.....	365	370	67	265	4,989	18,742	4,209	8,507	13,668	32,730
32	Stone, clay and glass products.....	(NA)	15,838	4,655	7,699	573,859	3,212,495	455,818	928,948	2,350,223	7,043,987
3211	Flat glass.....	11	31	30	-	22,815	172,214	19,440	39,704	143,752	364,466
322	Pressed and blown glassware.....	(NA)	220	200	11	97,986	535,248	86,533	171,910	446,612	1,101,820
3221	Glass containers.....	40	113	105	6	59,987	327,956	53,476	107,055	278,691	629,608
3229	Pressed and blown glass, n.e.c.....	75	107	95	5	37,999	207,292	33,057	64,855	167,921	472,212
3231	Products of purchased glass.....	1,016	1,044	249	562	26,158	138,275	21,669	43,384	103,890	309,734
3241	Cement, hydraulic.....	55	188	179	1	34,863	227,385	28,719	57,579	173,891	785,681
325	Structural clay products.....	(NA)	916	681	188	65,034	320,922	54,840	111,520	244,766	553,809
3251	Brick and structural tile.....	401	512	400	107	28,620	130,378	24,665	51,237	102,597	216,548
3253	Ceramic wall and floor tile...	72	90	64	20	12,795	63,745	10,409	21,002	43,794	110,571
3255	Clay refractories.....	80	150	109	14	11,431	64,822	9,402	18,139	49,648	118,248
3259	Structural clay products, n.e.c.....	126	164	108	47	12,188	61,977	10,364	21,142	48,727	108,442
326	Pottery and related products....	(NA)	638	229	400	42,198	212,869	35,342	68,492	163,702	337,160
3261	Vitreous plumbing fixtures...	34	49	43	2	9,280	56,794	7,893	15,519	46,588	101,502
3262	Vitreous china food utensils..	26	31	21	10	6,314	29,552	5,288	9,817	21,773	42,504
3263	Fine earthenware food utensils	20	21	18	3	7,349	31,614	6,594	12,319	26,416	41,046
3264	Porcelain electrical supplies.	74	79	49	21	10,170	57,401	8,028	15,917	41,120	90,001
3269	Pottery products, n.e.c.....	449	458	98	364	9,085	37,508	7,539	14,920	27,805	62,107
327	Concrete and plaster products...	(NA)	10,160	2,244	5,402	165,848	906,026	118,505	251,697	591,622	2,122,283
3271	Concrete block and brick.....	1,786	1,841	367	1,140	23,759	119,543	16,702	36,081	72,748	245,525
3272	Concrete products.....	3,130	3,451	716	2,205	52,297	266,706	41,093	87,256	190,945	539,967
3273	Ready mixed concrete.....	3,999	4,621	1,021	1,992	71,523	410,539	46,110	96,228	244,955	981,997
3274	Lime.....	81	125	68	29	6,778	38,903	5,384	11,366	28,519	95,135
3275	Gypsum products.....	60	122	72	36	11,491	70,335	9,216	20,766	54,455	259,659
3281	Cut stone and stone products....	857	893	211	558	18,340	85,745	15,259	30,896	66,657	131,465

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958					Code
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Special-ization ratio	Cover-age ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
2542,754 471,229 71,525	6,546 4,703 1,843	1,905 1,598 307	4,641 3,105 1,536	67,313 52,046 15,267	67,386 49,092 18,294	(NA) 91 96	(NA) 33 91	9,824 7,568 2,256	52,869 42,349 10,520	129,987 103,084 26,903	2356,232 281,377 74,855	8,548 7,230 1,318	299 299 299
29,116,230 2,949,673 354,239 48,879 2,597,999 3,165,440	343,466 112,783 6,903 1,309 64,955 157,516	58,564 14,640 822 53 12,752 30,297	284,902 98,143 6,081 1,256 52,203 127,219	1,189,924 413,217 86,390 5,823 323,446 361,048	1,159,641 411,351 82,969 5,232 325,907 334,182	(NA) (D) 93 (D) 86 92	(NA) 99 90 77 89 80	347,842 89,395 20,359 2,215 119,565 116,308	1,723,295 521,855 85,611 11,658 592,964 511,207	3,276,612 1,179,957 149,608 20,843 997,254 928,950	26,599,638 2,577,788 229,439 39,260 1,885,274 1,867,877	197,138 72,269 3,109 964 43,603 77,193	3 301 302 303 306 307
24,209,614 758,408 51,869 229,253	34,566 6,480 742 1,620	6,257 756 75 184	28,309 5,724 667 1,436	551,861 140,301 7,726 22,980	566,439 149,201 7,667 24,310	(NA) 99 89 93	(NA) 100 84 94	349,165 37,130 3,975 18,031	1,145,965 165,545 18,689 58,489	1,898,007 275,796 36,300 98,380	23,896,165 743,124 66,560 256,652	31,825 7,905 1,233 2,002	3 311 312 313
22,372,727 2,249,167 123,560 80,640 210,303	19,570 18,470 1,100 328 1,908	4,386 4,225 161 96 139	15,184 14,245 939 232 1,769	280,454 268,527 11,927 14,858 36,292	285,248 273,045 12,203 16,532 33,312	(NA) 99 90 81 95	(NA) 99 85 89 94	226,928 215,311 11,520 6,212 15,856	699,738 662,421 37,057 15,999 54,717	1,146,409 1,086,260 59,656 625,999 96,560	22,161,612 62,048,857 112,145 654,155 184,722	15,123 14,533 590 263 1,504	31 314 314 315 316
2439,356 280,343 159,013 67,058	3,152 1,890 1,262 766	412 282 130 209	2,740 1,608 1,132 557	39,723 18,808 20,915 9,527	40,824 19,632 21,192 9,345	(NA) 98 96 94	(NA) 98 92 82	35,628 21,971 13,657 5,405	115,137 68,654 46,483 17,651	187,336 111,545 75,791 31,227	2369,162 231,110 138,052 60,178	2,953 1,575 1,378 842	31 317 317 319
212,289,091 549,390	607,581 28,244	156,428 5,106	451,153 23,138	1,522,406 72,669	1,471,029 71,489	(NA) 90	(NA) (D)	552,522 21,179	2,586,373 133,551	5,533,392 263,151	29,726,543 384,711	488,628 21,607	3 321
21,635,409 1,004,464 630,945	76,469 53,805 22,664	19,728 13,495 6,233	56,741 40,310 16,431	232,707 137,349 95,358	206,119 120,575 85,544	(NA) 99 96	(NA) 99 97	90,295 54,937 35,358	421,189 259,893 161,296	844,811 532,469 312,342	21,307,478 862,117 445,361	50,551 31,164 19,387	32 322 322
627,327 1,176,913	13,223 120,843	2,932 36,192	10,291 84,651	88,888 180,625	85,208 181,942	90 99	(D) 100	24,024 41,127	109,570 214,221	242,657 724,771	468,809 1,073,494	16,526 113,095	323 324
2841,715 325,093 164,668 192,230	42,192 19,344 9,070 7,936	13,233 6,434 3,348 1,521	28,959 12,910 5,722 6,415	162,707 48,007 33,250 54,001	160,753 49,812 31,881 53,941	(NA) 98 95 91	(NA) 98 99 93	70,305 31,087 13,068 12,394	292,876 122,868 53,738 59,816	490,448 196,890 92,779 104,898	2720,585 286,709 135,470 163,478	34,862 14,023 3,276 10,804	32 325 325 325
159,724	5,842	1,930	3,912	27,449	25,119	89	95	13,756	56,454	95,881	134,928	6,759	325
2492,989 155,658 50,954 59,046 131,790 95,541	11,169 2,442 724 797 4,142 3,064	2,057 512 39 33 579 894	9,112 1,930 685 764 3,563 2,170	77,820 26,818 11,873 9,663 19,599 8,668	75,097 25,363 11,442 9,835 19,789 8,668	(NA) 97 (D) 92 91 95 87	(NA) 97 91 95 95 89	44,000 9,677 7,248 8,718 9,107 9,250	180,470 49,568 28,573 28,749 42,362 31,218	283,009 87,293 39,285 36,311 66,074 54,046	2416,883 142,683 47,695 50,230 97,475 78,800	10,770 1,613 906 586 4,390 3,275	32 326 326 326 326 326
24,312,849 505,194 925,677 2,292,504 164,366 425,108 217,176	210,634 31,143 43,550 106,010 14,730 15,201 6,693	52,079 6,132 11,918 27,759 2,108 4,162	158,555 25,011 31,632 78,251 12,622 11,039	298,961 57,990 126,083 64,453 13,979 36,456	288,802 54,511 123,918 65,134 14,204 31,035	(NA) 92 94 92 82 97	(NA) 84 94 98 94 98	149,947 22,766 46,283 62,116 7,185 11,502	692,697 98,103 200,231 303,111 32,754 57,978	1,553,639 190,355 391,366 679,385 73,597 218,042	23,318,562 413,670 720,111 1,687,151 130,948 364,947	157,160 22,790 44,310 71,603 6,362 12,095	32 327 327 327 327 327

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
32	Stone, clay and glass products—Continued										
329	Nonmetallic minerals products...	(NA)	1,748	632	577	100,617	613,811	75,511	153,766	415,331	1,337,569
3291	Abrasive products.....	340	378	149	111	28,170	186,971	18,583	36,695	107,628	416,415
3292	Asbestos products.....	73	124	84	14	19,516	118,024	15,738	32,884	89,766	269,067
3293	Gaskets and insulations.....	282	295	111	90	16,825	94,441	12,684	25,906	62,301	160,734
3295	Minerals, ground or treated...	313	415	97	123	7,330	41,567	5,688	11,749	29,643	102,079
3296	Mineral wool.....	89	123	67	18	14,733	92,347	11,647	24,781	69,089	206,846
3297	Nonclay refractories.....	51	93	68	4	8,572	53,367	6,810	13,485	38,673	129,139
3299	Nonmetallic products, n.e.c....	313	320	56	217	5,471	27,094	4,361	8,266	18,231	53,289
33	Primary metal industries....	(NA)	6,513	3,583	1,916	1,126,536	7,734,129	922,160	1,838,970	5,933,628	15,261,089
331	Steel rolling and finishing....	(NA)	746	593	56	568,849	4,167,859	466,263	901,989	3,225,011	8,617,266
3312	Blast furnaces and steel mills	161	288	247	14	500,550	3,711,639	412,311	791,364	2,892,006	7,699,535
3313	Electrometallurgical products.	20	36	30	2	10,437	68,880	8,155	16,563	50,767	145,503
3315	Steel wire drawing, etc.....	171	200	133	21	21,280	134,636	16,904	34,367	97,055	253,009
3316	Cold finishing of steel shapes	59	81	68	8	13,700	99,557	10,623	21,833	71,527	223,977
3317	Steel pipe and tube.....	114	141	115	11	22,882	153,147	18,270	37,862	113,656	295,242
332	Iron and steel foundries.....	(NA)	1,487	1,058	440	199,635	1,233,624	170,699	348,180	989,212	1,959,949
3321	Gray iron foundries.....	1,062	1,139	767	396	120,528	730,279	104,239	214,285	596,109	1,168,458
3322	Malleable iron foundries.....	76	81	71	11	22,297	141,967	18,832	38,789	112,670	204,577
3323	Steel foundries.....	222	267	220	33	56,810	361,378	47,628	95,106	280,433	586,914
333	Primary nonferrous metal.....	(NA)	119	109	3	48,789	327,814	39,652	80,832	251,432	1,012,581
3331	Primary copper.....	13	33	33	2	14,949	96,134	12,711	25,846	77,938	285,510
3332	Primary lead.....	6	10	10	-	2,578	14,997	2,125	4,106	11,156	24,876
3333	Primary zinc.....	11	18	18	-	8,065	47,760	6,575	13,245	36,238	98,789
3334	Primary aluminum.....	7	23	22	-	18,133	134,116	14,459	29,487	101,399	499,576
3339	Primary nonferrous metals, n.e.c.....	32	35	26	1	5,064	34,807	3,782	8,148	24,701	103,830
3341	Secondary nonferrous metals....	406	459	179	174	15,445	96,302	11,336	23,779	60,510	228,190
335	Nonferrous rolling and drawing..	(NA)	748	539	92	167,005	1,094,356	130,419	271,348	793,596	2,127,688
3351	Copper rolling and drawing....	81	112	92	3	38,949	260,320	31,481	65,746	200,171	478,393
3352	Aluminum rolling and drawing...	166	212	153	24	54,263	376,647	42,758	89,867	278,469	721,171
3356	Rolling and drawing, n.e.c....	108	125	67	26	17,375	117,454	12,275	25,367	74,052	250,589
3357	Nonferrous wire drawing, etc..	210	299	227	39	56,418	339,935	43,905	90,368	240,904	677,535
336	Nonferrous foundries.....	(NA)	1,894	679	863	69,243	412,050	58,426	119,804	317,697	656,485
3361	Aluminum castings.....	926	954	321	481	36,216	222,771	30,746	63,432	174,155	343,863
3362	Brass, bronze, copper castings	535	549	193	239	15,341	86,350	12,835	26,052	65,095	144,092
3369	Nonferrous castings, n.e.c....	386	391	165	143	17,686	102,929	14,845	30,320	78,447	168,530
339	Primary metal industries, n.e.c.	(NA)	1,060	426	288	57,570	402,124	45,365	93,038	296,170	658,930
3391	Iron and steel forgings.....	248	272	189	59	36,317	259,793	29,240	58,316	198,272	395,302
3392	Nonferrous forgings.....	32	34	19	8	6,297	47,627	4,612	10,064	32,461	71,378
3399	Primary metal industries, n.e.c.....	695	754	218	221	14,956	94,704	11,513	24,658	65,437	192,250
34	Fabricated metal products...	(NA)	26,975	9,210	13,700	1,082,102	6,387,508	843,795	1,721,034	4,483,688	11,791,081
3411	Metal cans ³	99	270	206	23	53,245	377,031	46,110	97,340	311,058	830,515
342	Cutlery, hand tools, hardware...	(NA)	2,022	810	756	136,554	799,483	108,001	221,382	572,588	1,707,558
3421	Cutlery.....	156	161	67	66	11,837	64,281	9,487	19,312	43,896	213,998
3423	Hand and edge tools.....	681	716	255	309	31,480	176,837	24,508	48,716	125,652	364,265
3425	Hand saws and saw blades.....	70	76	42	20	5,095	29,148	3,768	7,721	19,621	65,634
3429	Hardware, n.e.c.....	1,025	1,069	446	361	88,142	529,217	70,238	145,633	383,419	1,063,661
343	Plumbing and heating, except electric.....	(NA)	979	427	294	68,160	391,355	51,379	101,524	263,067	790,263
3431	Metal plumbing fixtures.....	75	81	45	27	11,011	68,162	8,833	17,501	50,373	139,859
3432	Plumbing fittings, brass goods	247	250	102	80	15,129	79,336	12,314	23,988	58,259	154,752
3433	Heating equipment, except electric.....	611	648	280	187	42,020	243,857	30,232	60,035	154,435	495,652
344	Structural metal products ³	(NA)	10,199	3,220	4,892	325,470	1,922,670	242,426	490,819	1,281,056	3,219,813
3441	Fabricated structural steel ³ ..	1,636	1,718	817	561	85,423	527,220	63,674	127,899	350,337	814,805
3442	Metal doors, sash, and trim...	1,712	1,817	628	665	62,799	324,796	46,645	95,727	206,127	570,370
3443	Boiler shop products ³	1,301	1,383	601	562	75,018	465,372	54,629	111,409	310,471	770,064
3444	Sheet metal work.....	3,139	3,250	755	1,763	61,651	373,284	48,041	97,079	264,665	632,384
3446	Architectural metal work.....	1,326	1,334	173	1,002	15,587	86,956	12,474	24,195	60,613	148,763
3449	Miscellaneous metal work, n.e.c.....	649	697	246	339	24,992	145,042	16,963	34,510	88,843	283,427

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963-Continued								1958					Code
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Special-ization ratio	Cover-age ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
² 2,435,323 704,212 509,236 279,226 204,393 391,873 250,195 96,188	98,114 15,506 12,381 8,865 11,873 37,956 9,346 2,187	23,723 2,562 2,613 2,849 2,559 10,225 2,316 599	74,391 12,944 9,768 6,016 9,314 27,731 7,030 1,588	376,830 115,017 82,827 40,535 23,488 32,388 71,279 11,296	371,840 115,182 83,202 40,939 23,485 30,125 67,809 11,098	(NA) 70 95 91 86 90 94 86	(NA) 95 91 78 86 96 88 96	91,270 23,955 21,292 13,494 8,302 11,898 8,013 4,316	458,936 127,912 106,411 65,078 42,277 59,109 41,167 16,982	1,001,730 277,706 235,487 105,211 115,538 133,453 102,362 31,973	² 1,829,522 490,752 453,488 188,684 219,086 240,922 177,643 58,947	75,652 21,098 12,837 5,699 9,486 10,405 14,933 1,194	329 3291 3292 3293 3295 3296 3297 3299
² 35,621,458	1,446,303	386,988	1,059,315	6,057,254	6,014,043	(NA)	(NA)	1,091,927	6,280,469	11,542,204	² 27,323,600	1,543,695	33
² 19,146,114 ² 16,611,083 382,132 592,263 751,627 809,009	974,367 908,440 13,412 14,002 14,925 23,588	291,528 277,810 2,572 3,795 1,818 5,533	682,839 630,630 10,840 10,207 13,107 18,055	3,612,137 3,146,552 93,879 110,367 109,368 151,971	3,652,558 3,175,474 106,211 113,977 110,488 146,408	(NA) (NA) 85-90 89 94 19	(NA) (NA) 77 30 20 37	578,185 511,392 12,689 19,250 10,943 23,911	3,570,778 3,183,483 71,883 110,184 67,084 138,144	6,862,919 6,062,227 178,880 196,200 141,516 284,096	² 15,532,277 ² 13,422,585 399,122 452,062 477,824 780,684	1,028,821 959,033 16,969 11,980 25,706 15,133	331 3312 3313 3315 3316 3317
² 3,173,520 1,984,944 317,528 871,048	108,938 64,823 16,283 27,832	16,127 10,202 1,742 4,183	92,811 54,621 14,541 23,649	317,985 192,498 23,954 101,533	322,581 198,475 25,402 98,704	(NA) 93 87 85	(NA) 88 87 89	182,033 112,670 20,230 49,133	886,069 531,152 100,579 254,338	1,322,220 810,758 127,592 383,870	² 2,245,591 1,434,701 214,537 596,276	59,236 32,559 4,438 22,239	332 3321 3322 3323
² 3,094,219 ² 1,245,457 ² 265,072 281,537 1,089,977	87,439 13,134 964 4,734 62,172	34,486 3,497 115 1,155 29,070	52,953 9,637 849 3,579 33,102	424,709 166,368 50,016 46,003 106,479	450,169 160,955 62,210 56,871 123,754	(NA) (NA) (NA) 92 100	(NA) (NA) (NA) 81 75	47,247 14,722 3,563 8,923 17,381	267,172 77,385 18,182 44,078 111,588	708,523 166,214 36,325 71,653 383,836	² 2,292,401 ² 861,087 ² 316,934 208,993 808,822	179,791 19,334 725 13,445 142,293	333 3331 3332 3333 3334
212,176	6,435	649	5,786	55,843	46,379	83	39	2,658	15,939	50,495	96,565	3,994	3339
1,045,522	17,891	5,324	12,567	143,083	123,983	94	26	14,441	75,669	147,262	724,013	5,355	3341
² 6,612,870 1,657,526 2,196,439 640,962 2,117,943	191,376 43,462 81,282 22,154 44,478	27,213 2,776 10,985 3,367 10,085	164,163 40,686 70,297 18,787 34,393	1,275,494 218,431 511,902 205,905 339,256	1,184,554 208,685 455,537 192,684 327,648	(NA) 90 85 84 91	(NA) 91 93 81 86	155,679 40,329 46,879 16,571 51,900	861,050 222,259 272,168 94,713 271,910	1,687,195 445,371 537,086 174,633 530,105	² 4,724,614 1,209,926 1,562,381 486,308 1,465,999	226,240 44,080 131,817 14,984 35,359	335 3351 3352 3356 3357
² 1,230,458 640,193 287,534 302,731	30,571 18,374 5,394 6,803	6,280 3,272 1,507 1,501	24,291 15,102 3,887 5,302	102,852 46,898 32,634 23,320	97,594 44,185 31,176 22,233	(NA) 81 84 78	(NA) 83 78 75	62,159 30,045 14,861 17,253	318,666 158,915 70,512 89,239	470,741 225,686 109,744 135,311	² 877,645 ² 422,041 ² 220,955 234,649	22,336 12,220 5,103 5,013	336 3361 3362 3369
² 1,318,755 868,948 165,146	35,721 17,516 4,704	6,030 3,268 269	29,691 14,248 4,435	180,994 125,015 34,304	182,604 127,545 33,518	(NA) 89 69	(NA) 69 55	52,183 37,739 4,649	301,065 220,542 27,806	443,344 315,928 36,760	² 927,136 687,270 98,694	21,916 14,268 2,033	339 3391 3392
284,661	13,501	2,493	11,008	21,675	21,541	93	87	9,795	52,717	90,656	141,172	5,615	3399
² 23,065,207	570,077	137,737	432,340	3,954,077	3,783,909	(NA)	(NA)	1,060,506	5,425,260	9,439,843	² 19,230,112	463,594	34
2,075,014	66,507	7,997	58,510	321,722	292,330	97	98	54,238	303,885	668,606	1,824,106	54,346	3411
² 2,736,858 283,352 565,590 102,782 1,785,134	100,636 12,382 10,955 6,340 70,959	24,159 3,085 1,958 3,696 15,420	76,477 9,297 8,997 2,644 55,539	481,205 47,220 132,160 24,361 277,464	449,994 41,370 126,961 21,969 259,694	(NA) 89 87 78 91	(NA) 97 84 85 93	135,718 11,831 30,273 5,509 83,105	656,911 52,745 142,551 28,311 433,304	1,202,227 126,310 267,316 53,658 754,943	² 2,054,926 179,271 440,150 87,626 1,347,879	37,827 2,370 8,588 1,225 25,644	342 3421 3423 3425 3429
² 1,588,515 234,896 333,832	30,220 5,863 6,542	7,640 531 1,700	22,580 5,332 4,842	306,338 37,380 64,736	299,366 36,247 61,484	(NA) 84 90	(NA) 91 83	71,775 12,432 14,663	357,466 67,848 66,937	671,914 118,555 120,560	² 1,378,076 214,872 250,326	25,907 8,928 3,564	343 3431 3432
1,019,787	17,815	5,409	12,406	204,222	201,635	76	81	44,680	222,681	432,799	912,878	13,415	3433
² 7,069,942 1,916,048 1,253,814 1,622,988 1,303,670 269,256	126,134 28,162 21,305 32,910 26,180 6,102	38,510 10,347 5,029 9,359 7,876 2,084	87,624 17,815 16,276 23,551 18,304 4,018	1,335,876 497,896 180,041 319,523 189,123 39,441	1,289,720 463,213 177,335 316,752 184,766 40,481	(NA) 86 88 89 83 78 86	(NA) 89 94 83 78 71	340,622 91,252 57,897 90,551 58,800 42,122	1,805,771 502,697 273,219 497,146 307,905 224,804	2,962,860 821,626 469,050 754,972 516,136 401,076	² 6,603,446 1,901,106 1,037,371 1,670,007 1,077,811 917,151	139,038 37,698 18,055 45,043 22,339 15,903	344 3441 3442 3443 3444 3446
704,166	11,475	3,815	7,660	109,852	107,173	89	68						3449

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
		(number)	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)
34	Fabricated metal products—Continued										
345	Screw machine products, bolts, etc.....	(NA)	2,447	839	1,110	94,527	584,198	74,768	156,772	417,468	1,054,237
3451	Screw machine products.....	1,861	1,874	516	979	36,909	213,172	30,796	64,270	159,991	358,961
3452	Bolts, nuts, rivets, and washers.....	504	573	323	131	57,618	371,026	43,972	92,502	257,477	695,276
3461	Metal stampings.....	2,491	2,574	1,116	848	132,179	772,557	108,336	222,005	567,309	1,368,993
347	Metal services, n.e.c.....	(NA)	4,281	953	2,523	65,631	330,614	54,835	109,844	248,728	554,748
3471	Plating and polishing.....	2,968	3,023	677	1,816	44,962	223,504	37,722	74,846	169,592	370,202
3479	Metal coating, engraving, etc.	1,227	1,258	276	707	20,669	107,110	17,113	34,998	79,136	184,546
3481	Fabricated wire products, n.e.c.	1,464	1,567	557	1,407	55,514	297,626	45,070	92,096	213,329	539,137
349	Fabricated metal products, n.e.c.....	(NA)	2,636	1,082	1,847	150,822	911,974	112,870	229,252	609,085	1,725,817
3491	Metal barrels, drums, and pails.....	95	145	93	46	10,508	66,614	8,480	17,713	49,127	119,617
3492	Safes and vaults.....	28	32	15	27	3,346	21,782	2,304	4,817	14,041	56,223
3493	Steel springs.....	91	96	49	61	6,287	41,321	5,110	10,633	31,398	69,305
3494	Valves and pipe fittings.....	580	646	374	283	80,407	500,009	58,148	116,929	321,239	942,700
3496	Collapsible tubes.....	18	24	19	6	3,984	18,804	3,540	6,923	14,771	30,562
3497	Metal foil and leaf.....	56	67	40	24	4,981	32,438	3,733	7,831	21,775	63,486
3498	Fabricated pipe and fittings..	328	349	146	248	13,007	79,087	9,346	18,733	51,671	144,598
3499	Fabricated metal products, n.e.c.....	1,254	1,277	346	1,152	28,302	151,919	22,209	45,673	105,063	299,326
35	Machinery, except electrical.....	(NA)	33,703	8,426	26,670	1,459,377	9,570,984	1,045,075	2,151,057	6,209,341	17,310,599
351	Engines and turbines.....	(NA)	165	102	28	86,604	609,319	61,648	123,929	401,743	1,113,503
3511	Steam engines and turbines....	17	22	21	-	30,917	237,519	19,894	38,933	141,738	379,875
3519	Internal combustion engines...	120	143	81	28	55,687	371,800	41,754	84,996	260,005	733,628
3522	Farm machinery and equipment....	1,481	1,568	558	706	112,614	689,122	84,650	168,911	476,827	1,328,381
353	Construction and like equipment.	(NA)	2,259	987	694	210,959	1,381,298	146,753	299,530	873,169	2,732,269
3531	Construction machinery.....	561	617	305	169	104,520	683,728	76,526	155,267	462,411	1,301,266
3532	Mining machinery and equipment	198	204	93	62	16,910	109,531	11,814	23,289	67,669	215,406
3533	Oil field machinery.....	373	408	176	137	29,203	184,288	20,114	41,409	113,526	398,152
3534	Elevators and moving stairways	126	142	74	34	12,393	88,389	7,427	15,458	49,634	201,527
3535	Conveyors.....	428	454	175	160	20,778	140,617	12,642	26,312	74,020	270,475
3536	Hoists, cranes, and monorails.	120	120	56	16	9,585	64,301	6,776	13,980	41,433	112,327
3537	Industrial trucks and tractors	304	314	108	116	17,570	110,444	11,454	23,815	64,476	233,116
354	Metalworking machinery.....	(NA)	8,536	2,063	4,456	259,002	1,841,671	195,609	419,563	1,292,580	3,037,659
3541	Metal-cutting machine tools...	784	801	269	357	61,058	438,222	41,008	86,486	272,243	699,341
3542	Metal-forming machine tools...	362	366	146	125	22,078	161,669	15,782	34,633	107,381	281,287
3544	Special dies and tools.....	5,850	5,896	1,133	3,407	90,860	682,739	76,002	169,313	543,033	1,029,338
3545	Machine tool accessories.....	983	1,038	347	417	46,994	312,799	34,560	72,037	208,086	559,258
3548	Metalworking machinery, n.e.c.	420	435	168	150	38,012	246,242	28,257	57,094	161,837	468,435
355	Special industry machinery.....	(NA)	3,290	1,202	1,111	171,528	1,094,823	120,027	249,517	679,122	1,917,184
3551	Food products machinery.....	649	681	279	226	31,684	205,368	21,018	43,276	118,036	380,406
3552	Textile machinery.....	529	561	216	195	36,004	196,379	26,870	56,145	129,064	314,190
3553	Woodworking machinery.....	245	249	91	90	12,057	72,928	8,725	17,662	45,877	146,998
3554	Paper industries machinery....	204	217	92	49	18,605	130,614	12,914	27,233	82,299	217,475
3555	Printing trades machinery.....	463	490	136	151	22,952	159,407	16,437	34,269	104,446	285,879
3559	Special industry machines, n.e.c.....	1,074	1,092	388	400	50,226	330,127	34,063	70,932	199,400	572,236
356	General industrial machinery....	(NA)	3,760	1,205	1,690	233,143	1,542,032	161,869	332,054	962,422	2,812,672
3561	Pumps and compressors.....	589	642	267	175	61,322	395,769	38,934	80,825	224,721	768,787
3562	Ball and roller bearings.....	93	125	93	17	52,316	348,700	42,003	85,970	263,022	627,694
3564	Blowers and fans.....	225	237	97	60	15,244	94,090	10,733	21,616	57,776	180,801
3565	Industrial patterns.....	1,206	1,209	106	1,008	9,914	75,605	8,685	17,710	64,877	112,587
3566	Power transmission equipment..	498	532	272	158	46,670	303,314	34,400	71,101	203,941	555,710
3567	Industrial furnaces and ovens.	229	238	93	59	12,118	83,738	6,782	13,963	38,731	143,009
3569	General industry machines, n.e.c.....	754	777	277	213	35,559	240,816	20,332	40,869	109,354	424,084

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958					Code
Value of shipments (\$1,000)	Capital expenditures, new ¹			Inventories end of--		Special- ization ratio (percent)	Cover- age ratio (percent)	All employees		Value added by manufacture, adjusted (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new ¹ (\$1,000)	
	Total (\$1,000)	Structures and additions to plant (\$1,000)	Machinery and equipment (\$1,000)	1963 (\$1,000)	1962 (\$1,000)			Total (number)	Payroll (\$1,000)				
² 1,807,228 588,981	50,107 18,676	9,251 3,891	40,856 14,785	281,002 58,835	268,794 54,106	(NA) 97	(NA) 90	85,106 31,836	440,964 154,925	754,706 249,975	² 1,305,441 425,113	54,929 11,222	345 3451
1,218,247	31,431	5,360	26,071	222,167	214,688	92	90	53,270	286,039	504,731	880,328	43,707	3452
2,678,996	64,248	16,054	48,194	360,833	336,751	84	86	125,300	644,217	1,045,220	2,095,409	50,407	3461
² 839,711 517,572 322,139	28,688 20,032 8,656	6,933 4,814 2,119	21,755 15,218 6,537	49,554 22,104 27,450	45,295 20,461 24,834	(NA) (NA) (NA)	(NA) (NA) (NA)	52,151 36,471 15,680	224,320 156,274 68,046	362,163 253,784 108,379	² 555,505 359,116 196,389	20,555 15,877 4,678	347 3471 3479
1,030,876	24,795	6,036	18,759	150,692	150,688	93	65	55,476	261,027	439,940	874,923	18,105	3481
² 3,238,067	78,742	21,157	57,585	666,855	650,971	(NA)	(NA)	139,344	726,916	1,321,534	² 2,504,744	62,177	349
303,423 78,012 157,704	6,412 1,794 1,962	825 774 292	5,587 1,020 1,670	49,513 15,714 21,061	49,433 13,300 19,526	92 81 91	86 90-95 67	9,496 3,495 6,758	53,200 15,843 35,607	96,171 39,537 54,135	250,256 58,790 120,525	5,332 683 1,721	3491 3492 3493
1,588,509 51,027 180,567 305,640	38,951 1,925 6,410 5,099	11,262 415 1,164 1,197	27,689 1,510 5,246 3,902	385,426 5,033 28,737 69,813	381,082 4,954 25,122 70,374	86 88 84 92	85 100 45 91	76,844 3,837 3,500 15,214	410,225 16,118 18,709 84,015	732,618 25,257 38,063 155,621	1,263,960 44,700 96,438 329,979	34,108 1,572 3,296 4,103	3494 3496 3497 3498
573,185	16,189	5,228	10,961	91,556	87,180	89	62	20,200	93,199	180,132	340,096	11,362	3499
² 30,363,095	783,076	170,968	612,118	6,803,006	6,554,398	(NA)	(NA)	1,350,257	7,314,261	12,414,069	² 22,797,650	699,636	35
² 2,089,990 616,416 1,473,574	54,145 19,394 34,751	7,939 1,671 6,268	46,206 17,723 28,483	455,427 176,156 279,271	445,141 172,965 272,176	(NA) 85 86	(NA) 82 85	97,351 45,347 52,004	561,405 274,589 286,816	1,089,086 568,643 520,443	² 2,047,577 961,769 1,085,808	71,120 20,492 50,628	351 3511 3519
2,842,243	64,431	17,006	47,425	669,266	633,879	89	95	108,586	550,998	1,087,836	2,421,873	54,655	3522
² 5,260,407 2,696,039 417,616 666,532 318,616 494,632 220,015 446,957	93,175 56,227 6,847 11,321 3,315 6,125 2,644 6,696	19,318 10,753 1,307 2,267 880 1,586 665 1,860	73,866 45,474 5,549 9,054 2,435 4,539 1,979 4,836	1,245,960 671,574 109,415 176,761 65,980 79,282 45,367 97,581	1,212,801 649,567 107,869 182,378 70,965 71,444 39,320 91,258	(NA) 91 75 90 92 82 80 90	(NA) 89 82 91 95 83 70 81	199,711 95,304 17,808 31,878 9,626 20,789 9,520 14,786	1,073,263 496,751 96,966 174,692 55,657 119,431 53,566 76,200	2,054,841 1,022,801 165,831 336,788 126,270 192,892 92,759 117,500	² 4,067,225 2,107,352 342,035 585,268 192,806 385,714 184,722 269,328	88,143 45,377 6,507 11,341 2,321 7,197 5,056 3,344	353 3531 3532 3533 3534 3535 3536 3537
² 4,474,696 1,060,818 441,419 1,388,794 787,338 796,327	136,713 28,837 10,792 53,343 22,784 20,957	26,411 5,401 2,099 10,557 4,215 4,139	110,302 23,436 8,693 42,786 18,569 16,818	952,791 316,288 124,188 124,789 171,114 216,412	893,280 288,027 118,829 107,375 226,949 215,143	(NA) 81 86 93 82 85	(NA) 88 79 72 84 88	233,523 52,864 22,502 83,308 41,521 33,328	1,379,556 300,344 132,368 536,588 226,949 183,307	2,058,049 420,961 176,021 780,090 348,580 332,397	² 3,171,530 679,836 317,657 1,060,566 511,456 602,015	105,716 18,840 11,723 43,242 15,277 16,634	354 3541 3542 3544 3545 3548
² 3,303,290 640,507 542,684 252,762 403,925 448,398	71,414 11,031 13,870 4,720 10,349 8,911	17,778 3,004 2,815 1,641 3,142 1,273	53,636 8,027 11,055 3,079 7,207 7,638	817,691 154,082 135,260 57,582 103,239 129,233	792,560 156,779 132,424 47,246 93,401 121,987	(NA) 86 93 80 88 95	(NA) 87 94 83 90 93	162,262 27,715 34,313 12,219 15,713 21,453	853,598 152,515 154,548 63,414 89,881 119,575	1,339,530 268,639 214,199 112,936 123,758 188,881	² 2,427,940 456,171 376,340 214,376 310,179 309,797	54,025 7,801 8,508 6,924 4,847 8,496	355 3551 3552 3553 3554 3555
1,015,014	22,533	5,903	16,630	238,295	240,723	83	74	50,849	273,665	431,117	761,077	17,449	3559
² 4,732,825 1,419,081 998,784 315,285 140,696 888,641 279,058	124,540 28,417 39,243 6,979 3,794 26,444 4,561	26,177 5,649 5,806 2,300 1,333 4,067 1,969	98,363 22,768 33,437 4,249 2,461 22,377 2,592	986,121 352,147 219,560 53,318 8,430 190,630 38,616	957,301 341,790 218,913 55,251 7,078 178,486 37,611	(NA) 85 97 83 96 84 83	(NA) 86 98 79 80 79 85	211,382 60,042 46,439 15,947 8,870 41,782 10,288	1,143,282 321,509 241,160 82,457 54,746 226,101 57,394	1,935,184 542,037 407,744 145,050 78,108 384,372 96,450	² 3,427,083 1,114,053 649,640 271,629 98,343 630,303 204,835	114,806 24,678 34,303 5,569 3,214 26,842 2,853	356 3561 3562 3564 3565 3566 3567
691,280	15,102	4,623	10,479	123,420	118,172	83	70	28,014	159,915	281,423	458,280	17,347	3569

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
35	Machinery, except electrical—Continued										
357	Office machines, n.e.c.....	(NA)	515	265	114	137,138	945,221	88,266	177,271	523,704	1,633,690
3571	Computing and related machines	213	248	139	46	96,370	703,231	58,985	119,521	369,459	1,101,484
3572	Typewriters.....	17	21	16	-	18,023	102,885	13,940	27,076	71,068	243,190
3576	Scales and balances.....	81	85	35	27	5,765	35,052	3,725	7,678	19,919	64,362
3579	Office machines, n.e.c.....	158	161	75	41	16,980	104,053	11,616	22,996	63,258	224,654
358	Service industry machines.....	(NA)	1,520	642	443	112,569	673,869	77,808	155,962	406,627	1,368,914
3581	Automatic vending machines....	148	158	68	44	11,672	64,791	8,442	16,790	40,427	121,365
3582	Commercial laundry equipment..	107	115	58	39	6,542	37,929	4,667	9,605	23,462	70,771
3585	Refrigeration machinery.....	655	698	347	186	72,330	432,583	50,676	101,231	268,304	892,686
3586	Measuring and dispensing pumps	42	43	27	4	6,768	41,732	4,499	8,913	23,155	91,713
3589	Service industry machines, n.e.c.....	496	506	142	170	15,257	96,834	9,524	19,423	51,279	192,379
3599	Miscellaneous machinery.....	12,032	12,090	1,402	8,714	135,820	793,629	108,445	224,320	593,147	1,366,327
36	Electrical machinery.....	(NA)	9,948	4,722	2,491	1,511,819	9,284,279	1,049,357	2,090,531	5,405,786	17,010,665
361	Electric distribution products..	(NA)	1,137	522	267	132,125	822,019	91,840	183,688	484,186	1,534,661
3611	Electric measuring instruments	536	560	209	150	44,715	273,645	30,109	59,905	149,616	505,309
3612	Transformers.....	144	177	99	43	33,365	209,514	23,640	46,873	129,628	381,514
3613	Switchgear and switchboards...	338	400	214	74	54,045	338,860	38,091	76,910	204,942	647,838
362	Electric industrial apparatus...	(NA)	1,244	586	220	160,953	1,004,907	116,890	236,294	640,570	1,889,181
3621	Motors and generators.....	316	384	244	65	94,170	583,225	68,693	140,174	378,790	993,207
3622	Industrial controls.....	421	427	118	68	32,990	214,597	22,772	44,898	125,418	450,507
3623	Electric welding apparatus....	133	149	75	34	9,629	72,113	6,565	14,075	44,617	162,411
3624	Carbon and graphite products..	40	53	40	5	10,123	61,984	7,963	16,104	44,068	141,423
3629	Electric industrial goods, n.e.c.....	226	231	109	48	14,041	72,988	10,897	21,043	47,677	141,633
363	Household appliances.....	(NA)	700	339	150	145,855	863,963	116,147	229,001	613,844	2,097,915
3631	Household cooking equipment...	77	83	53	15	19,191	111,266	15,149	30,356	75,580	230,285
3632	Household refrigerators.....	31	34	25	4	43,065	279,977	35,232	69,978	212,228	631,269
3633	Household laundry equipment...	31	39	28	3	18,343	115,387	14,738	28,827	85,865	353,863
3634	Electric housewares and fans..	286	312	136	67	38,801	188,257	31,053	59,567	126,912	463,845
3635	Household vacuum cleaners.....	34	34	13	7	5,682	35,524	4,235	8,208	22,670	116,137
3636	Sewing machines.....	83	86	17	34	7,646	51,962	5,844	12,136	36,303	98,328
3639	Household appliances, n.e.c....	102	112	67	20	13,127	81,590	9,896	19,929	54,286	204,188
364	Lighting and wiring devices.....	(NA)	1,951	813	643	132,984	709,630	104,508	206,705	487,642	1,559,630
3641	Electric lamps.....	54	81	50	19	23,404	122,721	20,461	40,256	99,476	362,235
3642	Lighting fixtures.....	1,203	1,239	480	458	53,866	288,148	42,052	83,284	193,464	587,834
3643	Current carrying devices.....	431	449	180	144	35,424	175,185	27,239	53,474	115,097	355,643
3644	Noncurrent carrying devices...	168	182	103	22	20,290	123,576	14,756	29,691	79,605	253,918
365	Radio and TV receiving equipment	(NA)	515	238	123	90,818	458,905	74,104	143,485	322,263	1,037,342
3651	Radio and TV receiving sets...	322	348	178	74	81,264	411,924	66,538	128,463	289,287	911,954
3652	Phonograph records.....	128	167	60	49	9,554	46,981	7,566	15,022	32,976	125,388
366	Communication equipment.....	(NA)	1,222	691	189	476,849	3,394,593	269,681	541,828	1,589,412	5,341,463
3661	Telephone; telegraph apparatus	65	90	56	14	89,465	554,375	63,983	122,707	358,741	1,013,792
3662	Radio, TV communications equipment.....	1,001	1,132	635	175	387,384	2,840,218	205,698	419,121	1,230,671	4,327,671
367	Electronic components.....	(NA)	2,291	1,150	565	288,527	1,535,747	210,906	417,151	920,686	2,508,117
3671	Electron tubes, receiving type	30	42	22	72	25,850	136,768	20,357	37,670	88,463	250,681
3672	Cathode ray picture tubes.....	148	151	28	63	10,916	66,888	7,958	16,634	40,468	128,354
3673	Electron tubes, transmitting..	45	57	45	5	18,704	129,296	11,631	24,027	72,406	204,614
3674	Semiconductors.....	86	107	87	3	56,349	320,875	37,548	77,113	168,504	467,035
3679	Electronic components, n.e.c..	1,743	1,934	968	422	176,708	881,920	133,412	261,707	550,845	1,457,433
369	Electrical products, n.e.c.....	(NA)	888	383	334	83,708	494,515	65,281	132,379	347,183	1,042,356
3691	Storage batteries.....	169	252	120	111	17,512	108,700	13,871	28,444	80,237	244,152
3692	Primary batteries, dry and wet	26	46	29	13	8,478	40,602	6,791	13,615	29,029	113,787
3693	X-ray apparatus and tubes.....	56	58	30	11	6,236	43,796	3,430	6,921	20,124	86,534
3694	Engine electrical equipment...	163	182	98	44	40,559	250,202	32,697	66,903	184,438	496,662
3699	Electrical products, n.e.c.....	245	350	106	155	10,923	51,215	8,492	16,496	33,355	101,221

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958					Code
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Special-ization ratio	Cover-age ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
² 2,782,800	119,610	21,555	98,055	832,582	808,695	(NA)	(NA)	121,615	667,480	970,529	² 1,685,215	84,597	357
2,019,714	92,628	13,486	79,142	653,536	642,545	93	94	80,864	473,455	579,103	1,104,194	61,494	3571
315,385	9,576	1,851	7,725	65,187	57,072	85	99	19,779	84,467	168,877	238,173	9,880	3572
98,491	1,149	97	1,052	24,045	22,394	92	97	5,347	26,574	49,125	78,335	1,406	3576
349,210	16,257	6,121	10,136	89,814	86,684	81	79	15,625	82,984	173,424	264,513	11,817	3579
² 2,840,545	47,319	14,189	33,131	609,711	579,777	(NA)	(NA)	100,059	508,836	918,151	² 2,066,488	33,443	358
238,000	3,479	491	2,989	53,968	54,036	81	90	7,894	37,049	64,694	141,635	2,798	3581
136,757	2,487	1,126	1,361	32,697	33,017	91	89	6,560	33,047	65,580	119,499	2,024	3582
² 1,928,001	33,471	9,838	23,633	417,090	387,771	(NA)	(NA)	67,715	342,169	598,032	² 1,441,082	23,166	3585
159,487	2,604	484	2,120	37,212	36,307	73	85	6,201	32,852	64,689	119,045	2,238	3586
378,300	5,278	2,250	3,028	68,744	68,646	86	84	11,689	63,719	125,156	245,227	3,217	3589
2,036,299	71,729	20,595	51,134	233,457	230,974	90	90	115,659	575,407	959,939	1,481,295	93,131	3599
² 29,840,182	701,947	176,031	525,916	5,239,708	5,148,799	(NA)	(NA)	1,140,807	5,755,220	10,624,264	² 19,547,559	468,039	36
² 2,565,859	50,548	12,570	37,978	526,724	520,475	(NA)	(NA)	134,395	724,346	1,338,652	² 2,278,347	51,057	361
749,220	19,207	6,467	12,740	181,276	176,906	84	78	46,923	254,833	419,396	673,522	19,421	3611
722,896	13,161	1,043	12,118	134,874	140,088	92	94	34,601	186,361	364,212	642,267	13,816	3612
1,093,743	18,180	5,060	13,120	210,574	203,481	87	89	52,871	283,152	555,044	962,558	17,820	3613
² 3,153,942	72,031	14,944	57,087	590,188	593,094	(NA)	(NA)	156,332	819,108	1,447,753	² 2,437,329	59,787	362
1,709,818	35,804	3,820	31,984	321,517	335,091	81	84	93,541	488,854	813,124	1,392,573	28,311	3621
648,683	15,419	6,219	9,200	118,887	110,383	79	79	27,150	145,270	281,890	413,163	7,611	3622
330,227	5,364	1,382	3,982	56,666	56,075	93	89	9,895	60,761	112,709	247,739	4,330	3623
226,889	11,441	2,367	9,074	50,228	51,457	93	96	8,904	45,628	102,483	154,925	11,068	3624
238,325	4,003	1,156	2,847	42,890	40,088	80	72	16,842	78,595	137,547	228,929	8,467	3629
² 4,118,406	71,252	14,026	57,226	716,085	625,091	(NA)	(NA)	142,951	731,626	1,548,808	² 3,295,256	43,038	363
473,453	8,216	2,738	5,478	84,918	73,214	87	72	18,152	89,239	181,091	364,852	4,002	3631
1,306,539	21,765	2,744	19,021	208,619	179,827	66	99	41,493	221,439	433,369	1,002,302	9,870	3632
760,161	9,217	1,485	7,732	110,827	100,539	89	87	24,597	134,263	324,480	738,920	7,219	3633
850,281	17,009	2,512	14,497	159,772	143,762	87	81	29,150	128,850	301,033	559,090	9,985	3634
175,357	5,739	2,865	2,874	30,087	22,674	87	80	5,330	29,863	84,180	142,020	2,217	3635
117,157	2,568	604	1,964	63,738	51,500	90-95	96	9,607	48,314	61,991	109,314	5,380	3636
435,458	6,738	1,078	5,661	58,124	53,575	79	79	14,622	79,658	162,664	378,758	4,365	3639
² 2,829,032	62,104	15,292	46,812	421,910	417,766	(NA)	(NA)	124,218	568,485	1,183,319	² 2,159,178	42,296	364
574,522	17,040	4,124	12,916	63,744	69,167	95	96	21,495	95,298	270,498	417,516	8,276	3641
1,159,497	23,072	7,751	15,321	157,100	147,258	93	93	47,309	215,829	397,378	826,595	14,415	3642
615,980	14,119	2,479	11,640	99,549	102,326	80	83	35,692	155,976	300,836	501,309	9,629	3643
479,033	7,873	938	6,935	101,517	99,015	77	80	19,722	101,382	214,607	413,758	9,976	3644
² 2,435,051	39,215	14,756	24,459	401,233	335,241	(NA)	(NA)	73,926	326,045	687,032	² 1,696,737	17,334	365
2,254,878	30,511	12,056	18,455	381,381	314,841	91	96	66,505	292,664	593,953	1,548,006	13,323	3651
180,173	8,704	2,700	6,004	19,852	20,400	99	97	7,421	33,381	93,079	148,731	4,011	3652
² 8,881,958	193,861	49,495	144,366	1,663,346	1,724,531	(NA)	(NA)	234,411	1,250,395	2,273,772	² 3,802,400	150,647	366
² 1,736,358	55,127	5,472	49,655	331,398	356,497	95	95	80,061	430,739	715,511	² 1,207,955	102,810	3661
7,145,600	138,734	44,023	94,711	1,331,948	1,368,034	88	91	139,885	819,656	1,405,520	2,594,445	47,837	3662
² 3,909,772	175,943	46,467	129,476	660,914	665,241	(NA)	(NA)	197,910	853,803	1,433,885	² 2,245,936	74,220	367
321,091	5,596	1,025	4,571	53,327	48,158	89	95	36,968	149,540	285,799	382,526	11,514	3671
269,122	16,138	2,254	13,884	23,237	20,720	85-90	90	8,554	38,092	67,472	159,252	1,794	3672
299,527	13,262	3,263	9,999	74,176	75,800	80	75	20,146	102,150	165,803	258,474	9,021	3673
687,817	52,439	14,023	38,416	118,192	142,985	88	92	132,242	564,021	914,811	1,445,684	51,891	3674
2,332,215	88,508	25,902	62,606	391,982	377,578	89	78						
² 1,946,162	36,993	8,481	28,512	259,308	267,360	(NA)	(NA)	76,664	376,997	711,043	² 1,374,204	21,350	369
516,457	11,968	3,460	8,508	75,138	72,900	98	99	14,924	76,961	150,061	368,993	7,330	3691
195,298	4,132	1,173	2,959	29,986	29,464	96	91	8,096	34,025	75,431	138,215	2,343	3692
143,706	2,132	579	1,553	30,036	30,274	83	80	5,258	30,686	58,436	95,090	1,371	3693
900,663	15,490	3,009	12,481	99,818	109,644	93	81	38,127	195,983	353,534	606,518	8,942	3694
190,038	3,271	260	3,011	24,330	25,078	90	49	10,259	39,342	73,581	165,388	1,364	3699

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									
		Companies	Establishments		Proprietors and partners	All employees		Production workers			Value added by manufacture, adjusted
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages	
37	Transportation equipment....	(NA)	7,196	2,868	3,169	1,601,158	11,858,240	1,150,082	2,450,150	7,731,192	22,765,674
371	Motor vehicles and equipment....	(NA)	2,765	1,222	1,067	693,821	5,193,447	571,026	1,264,399	4,069,698	12,780,577
3713	Truck and bus bodies.....	594	610	208	335	24,466	133,300	19,729	40,897	98,359	229,472
3715	Truck trailers.....	175	197	105	68	19,429	112,876	15,455	30,896	81,703	205,475
3717	Motor vehicles and parts.....	1,655	1,958	909	664	649,926	4,947,271	535,842	1,192,606	3,889,636	12,345,630
372	Aircraft and parts.....	(NA)	1,346	715	419	679,385	5,253,685	390,295	810,454	2,585,997	7,867,349
3721	Aircraft.....	82	100	65	13	302,201	2,369,416	166,744	342,120	1,097,103	3,542,695
3722	Aircraft engines and parts....	194	232	172	35	190,834	1,486,081	105,890	222,000	705,727	2,244,317
3723	Aircraft propellers and parts..	13	14	8	2	11,183	78,712	6,231	13,515	37,666	113,433
3729	Aircraft equipment, n.e.c.....	935	1,000	470	369	175,167	1,319,476	111,430	232,819	745,501	1,966,904
373	Ship and boat building.....	(NA)	1,960	468	1,240	139,510	898,439	117,394	235,523	701,693	1,192,749
3731	Ship building and repairing...	305	334	200	92	114,649	782,299	96,527	193,512	610,250	1,009,690
3732	Boat building and repairing...	1,596	1,626	268	1,148	24,861	116,140	20,867	42,011	91,443	183,059
374	Railroad equipment.....	(NA)	102	70	14	45,079	301,695	34,902	68,049	217,540	541,471
3741	Locomotives and parts.....	23	24	12	7	14,337	99,696	10,648	20,803	67,405	186,241
3742	Railroad and street cars.....	68	78	58	7	30,742	201,999	24,254	47,246	150,135	355,230
3751	Motorcycles, bicycles, and parts	85	88	33	13	9,662	48,425	7,912	15,152	34,398	82,245
379	Transportation equipment, n.e.c.	(NA)	935	360	416	33,701	162,549	28,553	56,573	121,866	301,283
3791	Trailer coaches.....	348	413	252	139	25,669	125,002	21,901	43,390	94,078	232,460
3799	Transportation equipment, n.e.c.....	507	522	108	277	8,032	37,547	6,652	13,183	27,788	68,823
38	Instruments and related products.....	(NA)	3,949	1,343	1,410	305,452	1,912,472	208,448	416,555	1,100,718	3,992,131
3811	Scientific instruments.....	751	594	213	188	33,084	208,171	22,184	44,584	119,836	358,588
382	Mechanical measuring devices....	(NA)	774	312	223	94,038	581,175	62,682	126,969	344,980	1,111,620
3821	Mechanical measuring devices..	510	670	258	207	62,353	388,874	40,383	81,510	222,826	732,529
3822	Automatic temperature controls	89	104	54	16	31,685	192,301	22,299	45,459	122,154	379,091
3831	Optical instruments and lenses..	272	280	79	112	11,924	79,131	8,306	16,728	47,149	131,917
384	Medical instruments and supplies	(NA)	1,314	345	546	51,420	291,212	36,276	72,031	165,454	634,705
3841	Surgical and medical instruments.....	256	294	117	79	15,145	83,332	11,538	22,916	52,520	168,556
3842	Surgical appliances and supplies.....	525	704	162	315	28,267	161,800	18,987	37,904	85,790	370,273
3843	Dental equipment and supplies..	267	316	66	152	8,008	46,080	5,751	11,211	27,144	95,876
3851	Ophthalmic goods.....	211	229	109	70	20,296	96,361	16,467	32,771	68,954	177,898
3861	Photographic equipment.....	499	538	187	181	64,937	498,828	39,248	77,753	251,566	1,270,132
387	Watches, clocks, and watchcases..		220	98	90	29,753	157,594	23,285	45,719	102,779	307,271
3871	Watches and clocks.....	150	167	76	72	27,047	144,179	20,983	41,171	92,404	288,053
3872	Watchcases.....	51	53	22	18	2,706	13,415	2,302	4,548	10,375	19,218
39	Miscellaneous manufacturing.	(NA)	14,723	3,618	8,397	390,760	1,812,104	315,017	613,227	1,253,518	3,562,361
391	Jewelry and silverware.....	(NA)	2,193	387	1,422	43,151	225,659	33,506	67,690	154,112	415,747
3911	Jewelry, precious metal.....	1,428	1,438	218	929	23,551	125,610	17,455	35,601	79,251	234,925
3912	Jewelers' findings and materials.....	288	228	67	107	4,816	20,836	3,924	7,684	14,001	33,958
3913	Lapidary work.....	318	318	15	307	1,535	8,289	1,239	2,265	6,085	16,129
3914	Silverware and plated ware....	201	209	87	79	13,249	70,924	10,888	22,140	54,775	130,735
3931	Musical instruments and parts...	288	320	126	133	20,095	103,029	16,664	33,600	76,471	179,035
394	Toys and sporting goods.....	(NA)	2,690	887	1,314	113,133	460,948	94,275	179,084	324,575	978,485
3941	Games and toys.....	767	797	351	303	51,835	206,744	44,031	84,425	145,243	444,101
3942	Dolls.....	404	410	160	213	16,213	58,991	13,934	24,361	41,751	138,100
3943	Children's vehicles.....	60	64	31	17	4,542	19,436	3,796	7,595	14,275	35,304
3949	Sporting and athletic goods...	1,361	1,419	345	781	40,543	175,777	32,514	62,703	123,306	360,980
395	Pens, pencils and office supplies.....	(NA)	1,001	266	531	31,594	159,759	23,161	46,096	94,916	337,725
3951	Pens and mechanical pencils...	122	139	67	40	11,562	54,968	9,065	17,937	33,944	119,069
3952	Lead pencils and art goods....	140	144	57	63	6,868	31,944	5,020	9,831	18,394	64,731
3953	Marking devices.....	581	616	90	409	7,625	41,367	5,257	10,657	24,950	85,572
3955	Carbon paper and inked ribbons	91	102	52	19	5,539	31,480	3,819	7,671	17,628	68,353

See footnotes at end of table.

Groups and Industries: 1963 and 1958—Continued

1963--Continued								1958					Code
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Specialization ratio	Coverage ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(percent)	(number)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	
² 55,428,194	1,022,004	273,140	748,864	7,048,765	6,553,226	(NA)	(NA)	1,562,429	9,185,696	15,315,289	² 38,289,301	629,621	37
² 37,173,401	655,374	144,982	510,392	2,627,239	2,480,091	(NA)	(NA)	581,715	3,338,689	6,781,258	² 21,472,552	342,767	371
476,733	6,554	3,064	3,490	74,333	67,754	88	86	20,009	91,374	145,608	307,769	3,627	3711
515,661	5,265	1,189	4,076	82,091	82,140	92	93	15,669	78,142	131,140	334,724	5,072	3715
² 36,181,007	643,555	140,729	502,826	2,470,815	2,330,197	97	98	546,037	3,169,173	6,504,510	² 20,830,059	334,068	3717
² 13,776,419	294,163	102,372	191,791	3,603,427	3,253,414	(NA)	(NA)	765,482	4,720,050	6,924,338	² 13,216,499	206,148	372
⁸ 6,316,531	114,658	40,662	73,996	2,437,713	2,026,900	69	96	377,383	2,340,306	⁸ 3,399,163	⁸ 6,438,067	94,167	3721
4,100,520	111,529	45,506	66,023	607,359	614,502	87	93	159,094	999,237	1,615,671	3,512,073	55,883	3722
190,761	6,045	401	5,644	33,042	41,580	48	81	15,505	85,635	112,301	235,270	5,107	3723
3,168,607	61,931	15,803	46,128	525,313	570,432	75	59	213,500	1,294,872	1,797,203	3,031,089	50,991	3729
² 2,039,973	37,949	15,814	22,135	422,697	459,793	(NA)	(NA)	144,561	773,847	1,071,822	² 1,954,663	54,073	373
⁸ 1,679,765	24,477	10,141	14,336	344,057	387,297	92	99	119,147	669,826	⁸ 13,687	⁸ 1,625,624	38,737	3731
360,208	13,472	5,673	7,799	78,640	72,496	97	95	25,295	103,603	157,309	329,009	15,298	3732
² 1,365,056	18,072	3,423	14,649	270,006	241,409	(NA)	(NA)	39,591	222,399	319,662	² 969,730	13,910	374
437,872	7,195	694	6,501	83,784	86,112	83	90	15,282	90,097	152,086	407,540	5,275	3741
927,184	10,877	2,729	8,148	186,222	155,297	91	93	24,309	132,302	167,576	562,190	8,635	3742
192,851	3,152	540	2,612	36,006	34,852	83	93	7,578	33,020	52,125	121,527	2,549	3751
² 880,494	13,294	6,009	7,285	89,390	83,667	(NA)	(NA)	23,478	97,577	165,898	² 553,864	10,156	379
713,119	9,584	4,820	4,764	63,118	59,003	98	99	18,717	77,129	127,683	461,053	7,726	3791
167,375	3,710	1,189	2,521	26,272	24,664	89	75	4,761	20,448	38,215	92,811	2,430	3799
² 6,117,889	191,865	52,324	139,541	1,177,942	1,121,632	(NA)	(NA)	286,351	1,509,525	2,781,017	² 4,418,690	114,608	38
553,920	16,244	6,219	10,025	122,106	115,571	84	56	57,249	330,209	481,166	752,542	16,580	3811
² 1,670,774	41,437	13,362	28,075	367,296	348,811	(NA)	(NA)	75,562	387,462	716,095	² 1,086,253	24,204	382
1,143,416	30,914	11,914	19,000	256,524	250,064	90	83	50,049	258,488	457,126	726,823	18,215	3821
527,358	10,523	1,448	9,075	110,772	98,747	82	95	25,513	128,974	258,969	359,430	5,989	3822
196,022	6,163	2,140	4,023	42,960	40,151	90	61	7,184	37,586	60,387	102,966	3,438	3831
² 1,028,485	31,080	10,260	20,820	187,954	175,393	(NA)	(NA)	41,714	194,520	414,367	² 707,990	13,439	384
284,014	10,514	3,253	7,261	54,096	47,279	88	74	10,293	44,878	85,153	130,477	2,812	3841
596,666	17,831	6,375	11,456	100,187	95,290	80	90	24,179	114,867	257,640	461,846	9,110	3842
147,805	2,735	632	2,103	33,671	32,824	94	92	7,242	34,775	71,574	115,667	1,517	3843
272,687	9,085	851	8,234	72,663	70,683	86	92	18,223	71,465	136,696	194,446	5,367	3851
1,851,213	78,626	17,859	60,767	289,511	279,302	95	97	60,262	368,970	788,750	1,204,905	46,770	3861
² 544,788	9,230	1,633	7,597	95,452	91,721	(NA)	(NA)	26,157	119,313	183,556	² 369,588	4,810	387
511,168	8,730	1,621	7,109	89,535	84,877	82	95	23,505	106,739	165,158	334,928	4,607	3871
33,620	500	12	488	5,917	6,844	86	97	2,652	12,574	18,398	34,660	203	3872
² 6,494,830	131,033	34,101	96,937	1,115,703	1,076,627	(NA)	(NA)	364,613	1,467,379	2,678,314	² 4,965,475	110,585	39
² 857,869	8,115	1,994	6,121	193,682	189,989	(NA)	(NA)	41,179	181,893	317,699	² 621,209	6,829	391
481,943	3,676	1,112	2,564	105,295	99,797	92	97	21,196	95,134	166,579	327,251	3,461	3911
72,833	1,308	516	792	12,486	12,448	92	89	4,227	16,380	26,787	57,475	637	3912
65,094	393	39	354	15,273	18,652	93	81	1,904	8,061	14,605	40,428	253	3913
237,999	2,738	327	2,411	60,628	59,092	95	98	13,852	62,318	109,728	196,055	2,478	3914
314,407	5,779	2,551	3,228	63,719	55,295	97	92	16,103	74,650	120,935	236,750	4,561	3931
² 1,826,798	51,151	13,501	37,655	349,206	334,249	(NA)	(NA)	98,704	361,811	711,798	² 1,354,276	37,919	394
796,631	27,728	6,391	21,337	135,267	124,625	92	91	42,972	149,725	288,863	544,056	16,513	3941
247,942	6,276	1,823	4,453	27,186	21,270	80-85	87	13,860	43,984	77,149	161,924	5,469	3942
77,507	1,858	95	1,763	11,692	12,692	71	65	4,708	19,625	31,727	70,438	831	3943
704,718	15,289	5,192	10,102	175,061	175,662	93	91	37,164	148,477	314,059	577,815	15,106	3949
² 589,452	10,143	1,123	9,020	91,289	89,634	(NA)	(NA)	29,131	124,428	236,997	² 434,709	9,892	395
185,464	4,068	205	3,863	29,476	27,845	90	93	11,179	45,856	90,197	150,279	3,829	3951
121,630	1,594	281	1,313	26,369	26,177	87	90	6,687	26,183	47,909	98,494	2,049	3952
126,845	2,204	380	1,824	12,119	11,596	84	90	5,447	24,775	39,940	59,923	1,360	3953
155,513	2,277	257	2,020	23,325	24,016	95	83	5,818	27,614	58,951	126,013	2,654	3955

TABLE 3. General Statistics for Establishments, by Industry

Code	Industry group and industry	1963									Value added by manufacture, adjusted	
		Companies	Establishments		Proprietors and partners	All employees		Production workers				
			Total	With 20 employees or more		Total	Payroll	Total	Man-hours	Wages		
												(number)
		(number)	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	
39	Miscellaneous manufacturing—Continued											
396	Costume jewelry and notions.....	(NA)	1,929	492	1,110	52,483	214,061	43,894	83,919	152,518	414,812	
3961	Costume jewelry.....	910	912	204	552	21,655	85,268	18,225	34,535	59,760	150,999	
3962	Artificial flowers.....	367	384	70	249	4,958	16,338	4,266	7,609	12,113	29,194	
3963	Buttons.....	282	290	69	174	5,599	23,024	4,728	9,133	16,520	43,751	
3964	Needles, pins, and fasteners..	314	343	149	135	20,271	89,431	16,675	32,642	64,125	190,868	
398	Miscellaneous manufactures.....	(NA)	6,590	1,460	3,887	130,304	648,648	103,517	202,838	450,926	1,236,557	
399												
3981		Brooms and brushes.....	628	643	167	421	16,637	73,620	13,428	25,801	49,510	167,866
3982		Hard surface floor coverings..	13	16	13	3	6,192	38,965	4,958	10,099	29,488	118,832
3983		Matches.....	18	26	23	1	4,647	21,659	3,988	7,790	17,268	38,666
3984		Candles.....	108	111	32	65	3,167	13,225	2,375	4,553	7,884	26,306
3987		Lamp shades.....	227	228	48	152	3,583	12,775	3,160	6,002	9,907	20,476
3988		Morticians' goods.....	581	617	224	271	17,283	86,218	13,545	27,507	58,447	158,422
3992		Furs, dressed and dyes.....	130	132	26	56	2,577	20,092	2,129	4,113	16,383	30,240
3993		Signs and advertising displays	3,165	3,206	570	2,064	43,476	242,593	33,139	64,837	163,538	407,478
3995	Umbrellas, parasols, and canes	109	112	35	68	2,604	10,151	2,261	4,325	7,416	16,101	
3999	Miscellaneous products, n.e.c.	1,479	1,499	322	786	30,138	129,350	24,534	47,811	91,085	252,170	
19	Ordnance and accessories ⁴ ...	(NA)	258	163	41	245,934	1,956,954	122,891	246,512	788,990	2,882,521	
192	Missiles and ammunition, n.e.c..	(NA)	75	63	5	181,486	1,528,011	79,586	159,324	532,846	2,210,586	
1925	Complete guided missiles.....	25	31	29	-	148,908	1,325,803	54,527	110,358	395,184	1,924,812	
1929	Ammunition, n.e.c.....	38	44	34	5	32,578	202,208	25,059	48,966	137,662	285,774	
1931	Tanks and tank components.....	23	26	19	7	11,307	76,583	7,788	16,234	48,421	148,369	
1941	Sighting and fire control equipment.....	13	13	8	1	9,249	66,949	5,810	11,085	36,639	96,281	
1951	Small arms, 30 mm. and under....	52	52	23	11	9,995	57,347	7,497	15,085	39,288	88,302	
1961	Small arms ammunition.....	27	31	13	10	8,909	51,895	7,061	14,083	38,099	103,772	
1999	Ordnance and accessories, n.e.c.	54	61	37	7	24,988	176,169	15,149	30,701	93,697	235,211	
1911	Guns, howitzers and mortars.....											

Note: The difference between value of shipments and payroll includes, in addition to profits, the cost of all materials used, supplements to wages, depreciation, interest, rent, as well as purchased services such as advertising, legal, accounting, maintenance and repair, and taxes.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes expenditures for plants in operation and for plants under construction but not yet in operation.

²The total value of shipments for industry groups (2- and 3-digit) and a few individual industries (4-digit) include extensive duplication arising from shipments between establishments in the same industry classification.

³The 1963 and most of the 1958 figures represent data for establishments located in the conterminous United States, Alaska, and Hawaii. However, when the 1958 figures were previously published they did not include data for Alaska and Hawaii since these areas did not achieve statehood until 1959. If the addition of the 1958 figures for Alaska and Hawaii to the previously published figures for an industry resulted in a disclosure, the Alaska and Hawaii data for "all employees, total" and "value added by manufacture" are not included.

The industries and industry groups for which data for Alaska and Hawaii are not included and the combined employment was in excess of 100 are shown below. The industries with lesser amounts are not listed.

Industry	Total Employment	Industry	Total Employment	Industry	Total Employment
209.....	250-499	249.....	100-249	281.....	100-249
2099.....	250-499	2499.....	100-249	29.....	100-249
2335.....	500-999	2515.....	100-249	3411.....	250-499
2421.....	250-499	26.....	500-999	344.....	250-499
2431.....	100-249	2611.....	250-499	3441.....	100-249
		2661.....	100-249	3443.....	100-249

Groups and Industries: 1963 and 1958—Continued

1963-Continued								1958					Code
Value of shipments	Capital expenditures, new ¹			Inventories end of--		Specialization ratio	Coverage ratio	All employees		Value added by manufacture, adjusted	Value of shipments	Capital expenditures, new ¹	
	Total	Structures and additions to plant	Machinery and equipment	1963	1962			Total	Payroll				
² 760,016	13,029	2,419	10,610	107,352	104,223	(NA)	(NA)	56,274	193,621	338,324	² 608,217	12,364	396
280,478	3,825	971	2,854	34,176	31,067	95	95	25,286	83,201	138,043	253,809	5,788	3961
60,418	736	223	513	9,610	10,175	97	87	6,770	19,021	34,650	64,969	886	3962
81,835	1,040	262	778	11,798	12,052	96	97	6,462	21,526	37,967	68,609	1,414	3963
337,285	7,428	963	6,465	51,768	50,929	91	92	17,756	69,873	127,664	220,517	4,276	3964
² 2,146,288	42,816	12,513	30,303	310,455	303,237	(NA)	(NA)	123,174	530,825	952,340	² 1,710,252	39,020	{ 398
321,129	4,394	970	3,424	66,428	65,812	89	93	17,082	64,573	137,496	275,722	3,981	399
204,112	4,441	343	4,098	29,921	34,960	82	98	7,999	41,924	93,145	181,584	5,443	3981
64,131	1,876	382	1,494	8,914	10,299	95-100	95-100	5,127	21,097	41,776	67,018	942	3982
45,515	773	117	656	8,009	7,527	95	94	2,516	9,268	17,668	33,802	482	3983
37,485	530	49	481	3,127	2,984	96	98	3,895	11,401	18,577	34,066	1,237	3984
290,036	5,455	1,965	3,490	46,395	44,801	95	98	17,362	73,736	128,879	237,773	5,754	3987
42,007	227	42	185	2,662	2,574	98	95	2,696	16,231	24,112	29,152	245	3988
646,772	15,042	5,227	9,815	69,090	62,988	96	95	36,170	173,028	281,168	457,025	13,505	3992
36,630	190	31	159	6,133	6,326	95	98	2,932	10,129	16,602	35,161	114	3993
458,471	9,888	3,387	6,501	69,776	64,966	94	84	27,285	109,053	192,313	358,076	7,317	3995
² 4,784,047	88,218	25,881	62,337	454,455	467,388	(NA)	(NA)	195,870	1,302,742	1,956,378	² 3,686,316	74,986	3999
² 3,556,864	56,468	16,435	40,033	196,010	212,897	(NA)	(NA)	119,762	847,482	1,240,048	² 2,345,155	52,324	19
⁸ 3,053,863	48,849	13,458	35,391	151,598	159,861	94	69	108,431	788,414	⁸ 1,153,021	⁸ 2,206,710	46,137	192
503,001	7,619	2,977	4,642	44,412	53,036	70	82	11,331	59,068	87,027	138,445	6,187	1925
394,144	5,249	674	4,575	81,967	66,053	95	79	7,069	39,861	63,711	212,372	1,524	1929
156,568	3,631	1,678	1,953	33,648	28,291	57	80	36,432	237,193	360,402	682,580	4,088	1931
133,042	5,123	1,135	3,988	35,983	41,487	95	82	8,010	39,213	51,005	79,107	2,128	1941
192,454	5,478	1,586	3,892	63,540	74,221	(NA)	92	9,049	44,215	82,733	167,446	4,166	1951
350,975	12,269	4,373	7,896	43,307	44,439	78	69	15,548	94,778	158,479	199,656	10,756	1961
													{ 1999
													191

⁴Includes data for privately owned and/or operated establishments. Government owned and operated establishments are excluded.

⁵In 1963 and 1958, in addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, repair shops, etc.), rather than the general public. Separate reports were obtained if these units were at different general locations from the establishments served or if they services more than one manufacturing establishment. The figures shown for these units do not represent a separate industry but rather a balancing total for all manufacturing industries.

⁶Establishments in this industry were requested to report value of production instead of value of shipments. Consequently, the formula for computing value added by manufacture was modified to exclude any change in finished products inventories between the beginning and end of the year.

⁷The 1963 and 1958 data for industries 2861 and 2999 are not strictly comparable. The 1958 figures for industry 2999 include an indeterminable number of establishments that were engaged in the manufacture of wood charcoal briquettes. These establishments are included in industry 2861 in 1963.

⁸Establishments in this industry were requested to report value of work done instead of value of shipments. Consequently the formula for computing value added by manufacture was not adjusted for any inventory change between the beginning and end of the year.

TABLE 4. Selected Statistics on Central Administrative Offices and Auxiliaries, by Major Industry Groups of Establishments Serviced: 1963

Code	Major industry group and central administrative offices and auxiliaries	Estab-lishments (number)	Employees (number)	Total payroll (\$1,000)	Code	Major industry group and central administrative offices and auxiliaries	Estab-lishments (number)	Employees (number)	Total payroll (\$1,000)
	All industries, total.....	5,304	726,477	6,615,494	29	Petroleum and coal products--Con.			
	Central administrative offices.....	3,567	515,920	4,740,548		Storage (warehouse).....	20	264	1,585
	Research, development, or testing.....					All other functions.....	18	243	2,370
	Storage (warehouse).....	485	11,012	57,344	30	Rubber and plastics products, n.e.c.	72	11,757	106,739
	All other functions.....	701	39,197	312,906		Central administrative offices....	50	10,940	99,904
20	Food and kindred products.....	1,066	71,496	596,779		Research, development, or testing.	3	723	(D)
	Central administrative offices....	625	60,397	518,842		Storage (warehouse).....	16	81	424
	Research, development, or testing.	40	4,369	35,017		All other functions.....	3	13	(D)
	Storage (warehouse).....	113	2,149	12,097	31	Leather and leather products.....	73	7,582	50,240
	All other functions.....	288	4,581	30,823		Central administrative offices....	51	6,434	44,901
21	Tobacco products.....	60	6,511	50,808		Research, development, or testing.	3	29	(D)
	Central administrative offices....	37	5,558	45,295		Storage (warehouse).....	13	894	3,780
	Research, development, or testing.	4	411	3,312		All other functions.....	6	225	(D)
	Storage (warehouse).....	17	(d)	(D)	32	Stone, clay, and glass products.....	347	28,905	249,970
	All other functions.....	2	(e)	(D)		Central administrative offices....	269	24,954	218,148
22	Textile mill products.....	223	19,924	152,927		Research, development, or testing.	19	3,102	25,399
	Central administrative offices....	163	16,158	132,194		Storage (warehouse).....	32	150	895
	Research, development, or testing.	9	390	2,725		All other functions.....	27	699	5,528
	Storage (warehouse).....	21	492	2,098	33	Primary metal industries.....	226	40,417	414,847
	All other functions.....	30	2,884	15,910		Central administrative offices....	162	37,033	388,003
23	Apparel and related products.....	218	11,002	85,750		Research, development, or testing.	36	2,881	23,630
	Central administrative offices....	155	8,604	73,243		Storage (warehouse).....	18	385	(D)
	Research, development, or testing.	2	(a)	(D)		All other functions.....	10	118	(D)
	Storage (warehouse).....	37	1,719	7,693	34	Fabricated metal products.....	300	28,547	256,468
	All other functions.....	24	(e)	(D)		Central administrative offices....	206	19,784	185,749
24	Lumber and wood products.....	153	5,579	46,709		Research, development, or testing.	32	4,278	35,487
	Central administrative offices....	131	5,159	44,107		Storage (warehouse).....	18	230	1,084
	Research, development, or testing.	4	243	1,738		All other functions.....	44	4,255	34,148
	Storage (warehouse).....	11	99	357	35	Machinery, except electrical.....	394	61,197	575,598
	All other functions.....	7	78	507		Central administrative offices....	259	41,698	387,268
25	Furniture and fixtures.....	57	4,673	40,407		Research, development, or testing.	54	15,327	154,784
	Central administrative offices....	51	4,377	39,503		Storage (warehouse).....	39	607	3,242
	Research, development, or testing.	2	(c)	(D)		All other functions.....	42	3,565	30,304
	Storage (warehouse).....	2	(b)	(D)	36	Electrical machinery.....	417	100,359	922,863
	All other functions.....	2	(b)	(D)		Central administrative offices....	250	47,385	434,739
26	Paper and allied products.....	191	25,815	238,204		Research, development, or testing.	85	39,439	380,218
	Central administrative offices....	134	22,884	217,321		Storage (warehouse).....	31	976	5,528
	Research, development, or testing.	25	1,189	9,121		All other functions.....	51	12,559	102,378
	Storage (warehouse).....	17	170	718	37	Transportation equipment.....	214	88,579	877,369
	All other functions.....	15	1,572	11,044		Central administrative offices....	155	52,908	532,354
27	Printing and publishing.....	304	11,850	96,723		Research, development, or testing.	40	33,493	329,169
	Central administrative offices....	224	9,358	76,876		Storage (warehouse).....	6	652	4,302
	Research, development, or testing.	2	(c)	(D)		All other functions.....	13	1,526	11,544
	Storage (warehouse).....	12	(e)	(D)	38	Instruments and related products....	79	10,991	97,951
	All other functions.....	66	1,669	15,523		Central administrative offices....	59	9,544	82,843
28	Chemicals and allied products.....	579	115,707	1,043,774		Research, development, or testing.	12	1,098	12,495
	Central administrative offices....	357	73,611	662,904		Storage (warehouse).....	3	227	1,009
	Research, development, or testing.	136	38,319	343,023		All other functions.....	5	122	1,604
	Storage (warehouse).....	48	615	3,736	39	Miscellaneous manufacturing ¹	114	9,169	82,273
	All other functions.....	38	3,162	34,111		Central administrative offices....	82	6,813	59,829
29	Petroleum and coal products.....	217	66,417	629,095		Research, development, or testing.	11	1,080	10,386
	Central administrative offices....	147	52,321	496,525		Storage (warehouse).....	11	235	1,521
	Research, development, or testing.	32	13,589	128,615		All other functions.....	10	1,041	10,537

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

a. Less than 20 employees.

b. 20 to 99 employees.

c. 100 to 249 employees.

d. 250 to 499 employees.

e. 500 to 999 employees.

f. 1,000 to 2,499 employees.

g. 2,500 to 4,999 employees.

h. 5,000 to 9,999 employees.

i. 10,000 to 24,999 employees.

¹Includes privately owned and/or operated establishments classified in Census major industry group 19, "Ordnance and Accessories." Establishments which are Government owned and operated are not included.

TABLE 5. Detailed Statistics, by Industry Groups: 1963

Item	United States total	Food and kindred products (SIC 20)	Tobacco manufactures (SIC 21)	Textile mill products (SIC 22)	Apparel and related products (SIC 23)	Lumber and wood products (SIC 24)	Furniture and fixtures (SIC 25)
Establishments, total.....number..	306,617	37,521	394	7,104	28,457	36,150	10,478
With 1 to 19 employees.....do....	207,265	23,408	163	2,736	15,446	30,385	7,165
With 20 to 99 employees.....do....	70,243	10,224	106	2,402	9,955	4,785	2,455
With 100 employees or more.....do....	29,109	3,889	125	1,966	3,056	980	858
Proprietors and working partners.....do....	177,429	20,781	149	2,865	17,830	32,567	5,894
All employees (average for the year).....do....	16,234,506	1,643,111	77,330	863,246	1,279,534	563,135	376,548
Payroll (all employees), total for year....\$1,000..	93,288,785	8,637,152	330,498	3,385,031	4,423,033	2,338,733	1,726,707
Production workers:							
Average for the year.....number..	12,232,041	1,098,116	68,579	775,330	1,132,859	497,409	314,762
March.....do....	11,996,535	1,015,834	63,902	764,548	1,112,896	471,818	308,849
May.....do....	12,143,872	1,034,145	59,505	775,082	1,117,541	499,059	310,238
August.....do....	12,391,473	1,208,638	74,289	783,552	1,147,120	521,728	318,246
November.....do....	12,400,770	1,117,024	76,817	778,141	1,141,026	507,036	321,713
Man-hours.....1,000..	24,509,450	2,228,013	132,035	1,568,126	2,052,569	978,665	639,698
January-March.....do....	5,966,384	513,080	30,898	383,861	503,373	224,830	154,426
April-June.....do....	6,176,976	533,755	29,725	399,341	514,061	246,184	158,576
July-September.....do....	6,082,304	607,062	34,029	384,890	512,252	257,850	160,174
October-December.....do....	6,284,600	576,988	37,383	400,034	522,883	249,871	166,522
Wages.....\$1,000..	62,093,601	5,159,376	271,496	2,768,414	3,482,286	1,943,287	1,289,989
Cost of materials, etc., total.....do....	229,683,800	46,784,435	2,836,288	9,658,696	9,327,317	5,187,039	2,836,179
Materials, parts, containers, and supplies consumed.....do....	204,702,549	42,783,160	2,646,158	8,798,206	7,062,599	4,296,299	2,601,780
Cost of resales.....do....	11,658,295	3,287,285	168,116	248,810	259,467	339,669	159,706
Fuels consumed.....do....	3,422,951	316,131	5,958	88,721	17,867	115,473	16,242
Electric energy:							
Purchased:							
Quantity.....kwh..	331,667	19,473	511	14,632	2,492	4,875	1,762
Cost.....\$1,000..	2,963,038	277,281	6,161	136,610	45,304	67,606	29,218
Generated less sold.....kwh..	211,238	24,706	3,144	7,330	11,621	2,023	2,697
Contract work.....\$1,000..	6,952,855	124,409	9,895	386,349	1,942,078	367,991	29,233
Value of shipments (including resales), total.....do....	420,528,098	68,466,487	4,519,954	15,740,545	17,096,862	9,200,039	5,884,064
Value of resales.....do....	17,274,426	3,956,971	172,222	300,600	363,598	421,192	207,381
Value added by manufacture, adjusted.....do....	192,103,102	21,825,516	1,680,594	6,122,982	7,861,011	4,020,600	3,068,287
Manufacturers' inventories:							
Beginning of year, total.....do....	58,066,827	6,510,720	2,500,521	2,530,414	2,051,474	1,335,911	791,583
Finished products.....do....	19,873,515	3,709,908	113,317	975,140	912,924	588,752	233,659
Work in process.....do....	17,209,683	410,741	27,807	681,538	384,873	288,535	192,019
Materials, supplies, fuel, etc.....do....	20,983,533	2,390,071	2,359,367	873,736	753,677	458,624	365,911
End of year, total.....do....	59,912,937	6,760,749	2,406,503	2,567,434	2,164,991	1,352,730	827,228
Finished products.....do....	20,446,398	3,785,758	107,614	978,141	993,275	587,903	243,419
Work in process.....do....	18,120,425	439,048	24,735	719,040	395,242	296,984	202,664
Materials, supplies, fuel, etc.....do....	21,346,116	2,535,941	2,274,154	870,254	776,475	467,843	381,145
Expenditures for plant and equipment, total.....do....	12,077,417	1,324,526	56,695	428,759	136,671	428,402	122,457
New, total.....do....	11,370,935	1,249,245	53,843	382,414	128,582	394,729	110,180
New structures and additions to plant.....do....	2,965,545	336,334	12,100	67,894	31,993	129,710	40,582
New machinery and equipment.....do....	8,405,408	912,911	41,743	314,520	96,589	265,019	69,598
Used plant and equipment.....do....	706,548	75,281	2,852	46,345	8,089	33,679	12,277
Selected operating ratios:							
Payroll/Total employment.....	5.746	5.257	4.274	3.921	3.457	4.153	4.586
Production workers/Total employment.....	.75	.67	.89	.90	.89	.88	.84
Man-hours/Production workers.....	2.004	2.029	1.925	2.023	1.812	1.968	2.032
Production worker wages/Man-hours.....	2.53	2.31	2.06	1.77	1.70	1.99	2.02
Cost of materials and payrolls/Total value of shipments.....	.77	.81	.70	.83	.80	.82	.78
Cost of materials/Total value of shipments.....	.55	.68	.63	.61	.55	.56	.48
Adjusted value added/Total employment.....	11.837	13.283	21.733	7.093	6.144	7.140	8.148
Salaries and wages/Adjusted value added.....	.49	.40	.20	.55	.56	.58	.56

See footnotes at end of table.

TABLE 5. Detailed Statistics, by Industry Groups: 1963-Continued

Item	Paper and allied products (SIC 26)	Printing and publishing (SIC 27)	Chemicals and allied products (SIC 28)	Petroleum and coal products (SIC 29)	Rubber and plastics products, n.e.c. (SIC 30)	Leather and leather products (SIC 31)	Stone, clay and glass products (SIC 32)
Establishments, total.....number..	5,713	38,090	11,996	1,839	5,728	4,047	15,838
With 1 to 19 employees.....do....	2,161	30,875	8,008	1,150	3,279	1,974	11,183
With 20 to 99 employees.....do....	2,019	5,682	2,756	425	1,695	1,135	3,481
With 100 employees or more.....do....	1,533	1,533	1,229	264	754	938	1,174
Proprietors and working partners.....do....	1,113	23,567	2,856	318	1,651	2,345	7,699
All employees (average for the year).....do....	588,014	913,243	737,414	153,486	414,959	327,489	573,859
Payroll (all employees), total for year.....\$1,000..	3,508,185	5,514,816	4,969,843	1,133,765	2,364,033	1,227,824	3,212,495
Production workers:							
Average for the year.....number..	467,795	559,843	474,141	109,448	328,785	292,339	455,818
March.....do....	461,893	551,977	471,640	105,821	323,388	293,655	430,299
May.....do....	465,244	558,864	477,321	110,182	328,667	284,735	459,535
August.....do....	473,025	560,050	476,248	113,216	329,729	297,039	474,345
November.....do....	470,314	569,026	471,418	108,513	333,356	293,935	459,437
Man-hours.....1,000..	988,582	1,083,179	963,361	216,679	658,464	543,094	928,948
January-March.....do....	243,551	262,715	232,351	51,858	164,278	135,951	212,852
April-June.....do....	247,542	271,832	246,431	55,235	166,217	132,994	237,746
July-September.....do....	246,162	269,513	237,439	55,846	158,937	135,835	243,139
October-December.....do....	251,384	279,119	242,722	53,740	169,032	138,314	235,309
Wages.....\$1,000..	2,551,148	3,190,988	2,779,938	745,123	1,672,376	982,096	2,350,223
Cost of materials, etc., total.....do....	9,001,448	5,777,279	14,255,096	14,291,526	4,480,104	2,127,776	5,287,768
Materials, parts, containers, and supplies consumed.....do....	8,268,862	4,067,212	12,152,344	13,185,620	3,844,319	1,924,011	4,235,746
Cost of resales.....do....	227,211	223,412	988,411	670,486	462,615	67,554	435,574
Fuels consumed.....do....	304,540	24,237	479,673	289,475	44,858	12,787	403,301
Electric energy:							
Purchased:							
Quantity.....million kwh.-hrs..	18,373	4,074	93,532	13,981	6,805	880	16,296
Cost.....\$1,000..	166,800	66,770	530,645	112,640	83,474	15,904	173,185
Generated less sold.....million kwh.-hrs..	23,762	10,997	21,237	4,640	1,162	621	1,471
Contract work.....\$1,000..	34,005	1,395,646	104,025	33,285	44,838	107,520	39,962
Value of shipments (including resales), total.....do....	16,357,102	16,165,744	31,772,722	17,994,742	9,116,230	4,209,614	12,289,091
Value of resales.....do....	276,304	346,001	1,329,495	735,321	584,329	86,733	564,808
Value added by manufacture, adjusted.....do....	7,395,677	10,476,433	17,586,138	3,713,231	4,653,953	2,078,572	7,043,987
Manufacturers' inventories:							
Beginning of year, total.....do....	1,698,554	1,199,039	3,702,178	1,829,302	1,159,641	566,439	1,471,029
Finished products.....do....	573,674	412,737	1,836,667	1,079,509	613,572	216,925	774,805
Work in process.....do....	196,890	282,587	523,374	371,713	186,790	136,184	186,245
Materials, supplies, fuel, etc.....do....	927,952	503,719	1,342,137	378,080	359,279	213,329	509,979
End of year, total.....do....	1,759,327	1,315,098	3,825,760	1,818,020	1,189,924	551,861	1,522,406
Finished products.....do....	616,283	468,231	1,877,874	1,112,667	625,088	215,783	804,464
Work in process.....do....	202,370	314,636	550,679	348,570	193,101	134,060	194,487
Materials, supplies, fuel, etc.....do....	940,684	532,231	1,397,207	356,783	371,735	202,018	523,456
Expenditures for plant and equipment, total.....do....	732,305	500,027	1,586,517	422,491	359,586	38,462	641,233
New, total.....do....	708,532	463,904	1,545,689	413,681	343,466	34,566	607,581
New structures and additions to plant.....do....	118,838	111,020	354,876	283,759	58,564	6,257	156,428
New machinery and equipment.....do....	589,694	352,884	1,190,816	129,902	284,902	28,309	451,153
Used plant and equipment.....do....	23,788	36,131	40,846	8,810	16,120	3,896	33,656
Selected operating ratios:							
Payroll/Total employment.....	5,966	6,039	6,740	7,387	5,697	3,749	5,598
Production workers/Total employment.....	.80	.61	.64	.71	.79	.89	.79
Man-hours/Production workers.....	2,113	1,935	2,032	1,980	2,003	1,858	2,04
Production worker wages/Man-hours.....	2.58	2.95	2.89	3.44	2.54	1.81	2.53
Cost of materials and payrolls/Total value of shipments.....	.76	.70	.61	.86	.75	.80	.69
Cost of materials/Total value of shipments.....	.55	.36	.45	.79	.49	.51	.43
Adjusted value added/Total employment.....	12,577	11,472	23,943	24,193	11,215	6,347	12,275
Salaries and wages/Adjusted value added.....	.47	.53	.28	.31	.51	.59	.46

See footnotes at end of table.

TABLE 5. Detailed Statistics, by Industry Groups: 1963--Continued

Item	Primary metal industries (SIC 33)	Fabricated metal products (SIC 34)	Machinery, except electrical (SIC 35)	Electrical machinery (SIC 36)	Transportation equipment (SIC 37)	Instruments and related products (SIC 38)	Miscellaneous manufacturing (SIC 39)	Ordnance and accessories (SIC 19)
Establishments, total.....number..	6,513	26,975	33,703	9,948	7,196	3,949	14,723	258
With 1 to 19 employees.....do....	2,930	17,765	25,277	5,226	4,328	2,606	11,104	95
With 20 to 99 employees.....do....	2,005	6,931	6,137	2,630	1,672	868	2,832	48
With 100 employees or more.....do....	1,578	2,279	2,289	2,092	1,196	475	786	115
Proprietors and working partners.....do....	1,916	13,700	17,956	2,491	3,169	1,410	8,397	41
All employees (average for the year).....do....	1,126,536	1,082,102	1,459,377	1,511,819	1,601,158	305,452	390,760	245,934
Payroll (all employees), total for year....\$1,000..	7,734,129	6,387,508	9,570,984	9,284,279	11,858,240	1,912,472	1,812,104	1,956,954
Production workers:								
Average for the year.....number..	922,160	843,795	1,045,075	1,049,357	1,150,082	208,448	315,017	122,891
March.....do....	897,355	819,958	1,042,144	1,047,935	1,168,966	204,765	297,043	126,425
May.....do....	947,080	839,356	1,047,143	1,036,830	1,159,037	206,679	307,438	120,191
August.....do....	942,887	857,477	1,043,738	1,047,495	1,062,841	210,573	324,297	123,111
November.....do....	901,545	859,698	1,051,273	1,065,456	1,209,657	211,537	331,969	121,843
Man-hours.....1,000..	1,838,970	1,721,034	2,151,057	2,090,531	2,450,150	416,555	613,227	246,512
January-March.....do....	448,731	413,228	539,111	528,263	609,426	102,744	143,726	62,131
April-June.....do....	488,207	434,518	549,253	528,992	624,859	104,602	151,757	61,149
July-September.....do....	444,780	429,501	514,305	499,507	575,838	101,063	153,633	60,549
October-December.....do....	457,317	443,821	548,960	533,854	642,299	108,146	164,123	62,779
Wages.....\$1,000..	5,933,628	4,483,688	6,209,341	5,405,786	7,731,192	1,100,718	1,253,518	788,990
Cost of materials, etc., total.....do....	20,474,219	11,397,850	13,254,179	12,942,644	32,725,442	2,171,108	2,965,024	1,902,382
Materials, parts, containers, and supplies consumed.....do....	18,345,144	10,003,865	11,536,433	11,708,631	31,205,370	1,821,986	2,555,720	1,659,084
Cost of resales.....do....	495,022	744,382	1,002,705	711,479	529,636	237,872	270,630	128,253
Fuels consumed.....do....	870,929	100,578	104,719	70,926	113,567	16,207	17,188	9,604
Electric energy:								
Purchased:								
Quantity.....million kwh..	76,470	9,301	11,059	12,792	18,924	1,661	1,868	1,906
Cost.....\$1,000..	531,309	139,900	153,527	147,178	204,102	23,902	31,346	20,176
Generated less sold.....million kwh..	28,156	12,504	12,185	16,433	13,840	3,733	4,431	4,545
Contract work.....\$1,000..	235,030	409,120	456,736	304,423	672,004	71,143	90,123	95,086
Value of shipments (including resales), total...do..	35,621,458	23,065,207	30,363,095	29,840,182	55,428,194	6,117,889	6,494,830	4,784,047
Value of resales.....do..	581,943	965,874	1,330,744	927,958	672,042	365,062	413,356	2,672,489
Value added by manufacture, adjusted.....do....	15,261,089	11,791,081	17,310,599	17,010,665	22,765,674	3,992,131	3,562,361	2,882,521
Manufacturers' inventories:								
Beginning of year, total.....do....	6,014,043	3,783,909	6,554,398	5,148,799	6,553,226	1,121,632	1,076,627	467,388
Finished products.....do....	1,722,432	1,093,779	2,017,342	1,358,692	812,470	340,057	451,780	35,374
Work in process.....do....	1,794,362	1,246,973	2,868,816	2,437,313	3,936,877	480,026	264,392	311,628
Materials, supplies, fuel, etc.....do....	2,497,250	1,443,127	1,668,251	1,352,794	1,803,859	301,549	360,454	120,388
End of year, total.....do....	6,057,254	3,954,075	6,803,006	5,239,708	7,048,765	1,177,942	1,115,703	454,455
Finished products.....do....	1,739,440	1,134,996	2,061,684	1,453,815	791,245	348,167	470,726	29,825
Work in process.....do....	1,893,725	1,329,977	3,027,133	2,462,976	4,300,913	518,271	278,179	293,635
Materials, supplies, fuel, etc.....do....	2,424,089	1,489,101	1,714,191	1,322,924	1,956,607	311,504	366,793	130,995
Expenditures for plant and equipment, total...do....	1,498,380	630,985	868,168	750,251	1,115,081	199,387	140,045	96,989
New, total.....do....	1,446,303	570,077	783,076	701,947	1,022,004	191,865	131,033	88,218
New structures and additions to plant.....do....	386,988	137,737	170,968	176,031	273,140	52,324	34,101	25,881
New machinery and equipment.....do....	1,059,315	432,340	612,118	525,916	748,864	139,541	96,937	62,337
Used plant and equipment.....do....	52,077	60,907	85,110	48,304	93,077	7,522	9,010	8,771
Selected operating ratios:								
Payroll/Total employment.....do....	6,865	5,903	6,558	6,141	7,406	6,261	4,637	7,957
Production workers/Total employment.....do....	.82	.78	.72	.69	.72	.68	.81	.50
Man-hours/Production workers.....do....	1,994	2,040	2,058	1,992	2,130	1,998	1,947	2,006
Production worker wages/Man-hours.....do....	3.23	2.61	2.89	2.59	3.16	2.64	2.04	3.20
Cost of materials and payrolls/Total value of shipments.....do....	.79	.77	.75	.74	.80	.67	.74	.81
Cost of materials/Total value of shipments.....do....	.57	.49	.44	.43	.59	.35	.46	.40
Adjusted value added/Total employment.....do....	13,547	10,896	11,862	11,252	14,218	13,070	9,116	11,721
Salaries and wages/Adjusted value added.....do....	.51	.54	.55	.55	.52	.48	.51	.68

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)
United States.....	1963	16,960,983	99,904,279	16,234,506	93,288,785	726,477	6,615,494
	1958	16,025,219	78,348,893	15,423,112	73,875,152	602,107	4,473,741
	1954	16,098,653	65,866,573	15,645,491	62,962,664	453,162	2,903,909
DIVISION AND STATE							
New England.....	1963	1,425,148	7,815,096	1,379,388	7,429,914	45,760	385,182
	1958	1,399,515	6,297,729	1,360,321	6,047,620	39,194	250,109
	1954	1,448,467	5,453,854	1,431,298	5,356,130	17,169	97,724
Maine.....	1963	99,926	438,592	99,212	433,821	714	4,771
	1958	98,262	377,186	97,690	373,155	572	4,031
	1954	104,507	325,048	104,025	322,158	482	2,890
New Hampshire.....	1963	84,107	378,888	83,363	373,816	744	5,072
	1958	79,469	297,094	78,250	292,559	1,219	4,535
	1954	77,332	246,719	77,071	245,346	261	1,373
Vermont.....	1963	33,740	168,006	33,456	166,091	284	1,915
	1958	32,495	132,466	32,335	131,712	160	754
	1954	36,112	123,577	35,899	122,829	213	748
Massachusetts.....	1963	674,023	3,712,418	646,873	3,476,523	27,150	235,895
	1958	680,581	3,070,829	657,897	2,925,482	22,684	145,347
	1954	685,441	2,575,649	677,140	2,528,296	8,301	47,353
Rhode Island.....	1963	113,940	533,416	112,626	523,218	1,314	10,198
	1958	114,511	453,098	113,416	445,559	1,095	7,539
	1954	125,041	431,889	123,970	425,365	1,071	6,524
Connecticut.....	1963	419,412	2,583,776	403,858	2,456,445	15,554	127,331
	1958	394,197	1,967,056	380,733	1,879,153	13,464	87,903
	1954	420,034	1,750,972	413,193	1,712,136	6,841	38,836
Middle Atlantic.....	1963	4,075,173	24,419,747	3,811,498	21,916,839	263,675	2,502,908
	1958	4,112,522	20,470,339	3,881,843	18,679,014	230,679	1,791,325
	1954	4,284,266	17,855,231	4,105,248	16,656,158	179,018	1,199,073
New York.....	1963	1,853,050	11,289,860	1,708,785	9,878,370	144,265	1,411,490
	1958	1,915,546	9,627,723	1,782,380	8,573,246	133,166	1,054,477
	1954	2,000,717	8,444,256	1,895,982	7,734,388	104,735	709,868
New Jersey.....	1963	829,201	5,121,254	777,997	4,665,795	51,204	455,459
	1958	794,992	4,066,481	761,916	3,822,892	33,076	243,589
	1954	812,445	3,507,089	787,593	3,352,425	24,852	154,664
Pennsylvania.....	1963	1,392,922	8,008,633	1,324,716	7,372,674	68,206	635,959
	1958	1,401,984	6,776,135	1,337,547	6,282,876	64,437	493,259
	1954	1,471,104	5,903,886	1,421,673	5,569,345	49,431	334,541
East North Central.....	1963	4,483,054	29,207,670	4,264,334	27,197,923	218,720	2,009,747
	1958	4,261,428	22,992,178	4,084,360	21,678,590	177,068	1,313,588
	1954	4,598,257	20,893,191	4,458,923	19,997,970	139,334	895,221
Ohio.....	1963	1,239,515	8,123,609	1,186,087	7,656,551	53,428	467,058
	1958	1,201,031	6,522,547	1,162,276	6,229,228	38,755	293,319
	1954	1,292,195	5,820,988	1,266,510	5,649,600	25,685	171,388
Indiana.....	1963	609,840	3,794,289	599,870	3,708,500	9,970	85,789
	1958	551,048	2,874,730	544,347	2,826,593	6,701	48,137
	1954	588,408	2,533,375	583,821	2,507,314	4,587	26,061
Illinois.....	1963	1,210,802	7,557,979	1,151,206	7,020,568	59,596	537,411
	1958	1,189,914	6,224,830	1,139,412	5,864,600	50,502	360,230
	1954	1,222,428	5,420,867	1,177,043	5,134,917	45,385	285,950
Michigan.....	1963	961,090	6,950,677	878,969	6,147,469	82,121	803,208
	1958	880,014	5,161,162	809,590	4,618,694	70,424	542,468
	1954	1,056,011	5,248,902	1,001,630	4,891,749	54,381	357,153
Wisconsin.....	1963	461,807	2,781,116	448,202	2,664,835	13,605	116,281
	1958	439,421	2,208,909	428,735	2,139,475	10,686	69,434
	1954	439,215	1,869,059	429,919	1,814,390	9,296	54,669
West North Central.....	1963	1,014,295	5,894,588	974,825	5,583,773	39,470	310,815
	1958	964,104	4,615,458	932,590	4,407,575	31,514	207,883
	1954	962,400	3,854,696	936,854	3,718,695	25,186	136,001
Minnesota.....	1963	245,931	1,478,639	230,608	1,356,021	15,323	122,618
	1958	220,788	1,094,805	209,187	1,020,211	11,601	74,594
	1954	208,506	865,254	200,522	822,138	7,984	43,116
Iowa.....	1963	178,199	1,046,675	(D)	(D)	(D)	(D)
	1958	166,126	812,475	164,499	801,705	1,627	10,770
	1954	163,669	648,361	162,705	643,980	964	4,381
Missouri.....	1963	391,254	2,235,175	371,733	2,080,807	19,521	154,368
	1958	380,497	1,771,096	364,006	1,659,111	16,491	111,985
	1954	381,873	1,496,742	368,479	1,420,103	13,394	76,639

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
DIVISION AND STATE—Continued							
West North Central—Continued							
North Dakota.....	1963	6,507	31,483	(D)	(D)	(D)	(D)
	1958	6,335	26,247	6,324	26,198	11	49
	1954	5,613	19,228	5,604	19,189	9	39
South Dakota.....	1963	13,234	70,133	13,146	69,449	88	684
	1958	12,901	54,786	12,901	54,786	-	-
	1954	11,543	41,128	11,531	41,096	12	32
Nebraska.....	1963	64,882	348,034	63,801	339,710	1,081	8,324
	1958	58,627	265,223	57,709	258,991	918	6,232
	1954	59,404	223,500	56,996	213,732	2,408	9,768
Kansas.....	1963	114,288	684,449	112,785	673,950	1,503	10,499
	1958	118,830	590,826	117,964	586,573	866	4,253
	1954	131,432	560,483	131,017	558,457	415	2,026
South Atlantic.....	1963	2,125,095	10,005,566	2,068,428	9,498,280	56,667	507,286
	1958	1,884,885	7,255,699	1,844,196	6,943,670	40,689	312,029
	1954	1,777,659	5,696,543	1,745,368	5,480,398	32,291	216,145
Delaware.....	1963	58,395	429,626	41,248	244,530	17,147	185,096
	1958	57,830	347,603	40,491	191,783	17,339	155,820
	1954	54,530	267,354	39,418	151,269	15,112	116,085
Maryland.....	1963	263,672	1,549,834	258,568	1,501,109	5,104	48,725
	1958	259,097	1,257,423	256,897	1,241,823	2,200	15,600
	1954	255,447	1,002,037	253,144	987,559	2,303	14,478
District of Columbia.....	1963	22,147	147,643	21,275	138,784	872	8,859
	1958	21,287	114,004	20,818	109,653	469	4,351
	1954	20,706	92,274	20,399	90,083	307	2,191
Virginia.....	1963	302,084	1,431,977	295,306	1,377,101	6,778	54,876
	1958	258,136	986,545	251,909	948,960	6,227	37,585
	1954	242,768	776,820	239,733	760,454	3,035	16,366
West Virginia.....	1963	117,026	700,058	112,764	659,413	4,262	40,645
	1958	116,201	573,837	114,431	560,136	1,770	13,701
	1954	122,390	494,893	118,568	472,560	3,822	22,333
North Carolina.....	1963	530,646	2,092,075	519,060	2,002,938	11,586	89,137
	1958	461,485	1,488,645	454,939	1,445,574	6,546	43,071
	1954	434,934	1,185,629	430,001	1,157,416	4,933	28,213
South Carolina.....	1963	261,655	1,046,514	258,495	1,028,012	3,160	18,502
	1958	225,510	732,149	224,549	726,644	961	5,505
	1954	219,923	634,756	219,447	632,209	476	2,547
Georgia.....	1963	354,023	1,505,556	349,695	1,473,157	4,328	32,399
	1958	314,088	1,074,972	312,350	1,062,498	1,738	12,474
	1954	303,017	853,496	301,290	843,557	1,727	9,939
Florida.....	1963	215,447	1,102,283	212,017	1,073,236	3,430	29,047
	1958	171,251	680,521	167,812	656,599	3,439	23,922
	1954	123,944	389,284	123,368	385,291	576	3,993
East South Central.....	1963	891,874	4,149,847	874,459	4,008,370	17,415	141,477
	1958	783,474	3,099,253	767,104	2,991,764	16,370	107,489
	1954	729,538	2,364,543	714,758	2,288,840	14,780	75,703
Kentucky.....	1963	180,460	959,001	175,625	920,024	4,835	38,977
	1958	162,243	721,421	157,754	693,174	4,489	28,247
	1954	151,113	553,203	146,434	529,206	4,679	23,997
Tennessee.....	1963	339,108	1,542,227	330,815	1,479,220	8,293	63,007
	1958	282,862	1,103,409	275,790	1,058,364	7,072	45,045
	1954	267,496	882,644	260,599	850,175	6,897	32,469
Alabama.....	1963	243,800	1,162,409	240,245	1,128,260	3,555	34,149
	1958	229,830	920,009	225,358	887,204	4,472	32,805
	1954	220,077	690,015	217,084	672,109	2,993	17,906
Mississippi.....	1963	128,506	486,210	127,774	480,866	732	5,344
	1958	108,539	354,414	108,202	353,022	337	1,392
	1954	90,852	238,681	90,641	237,350	211	1,331
West South Central.....	1963	864,662	4,651,437	838,166	4,427,861	26,496	223,576
	1958	794,846	3,645,669	771,501	3,482,656	23,345	163,013
	1954	730,769	2,778,600	713,363	2,678,358	17,406	100,242
Arkansas.....	1963	113,658	439,572	112,781	433,446	877	6,126
	1958	88,724	293,043	87,968	288,458	756	4,585
	1954	79,052	221,763	78,391	218,473	661	3,290
Louisiana.....	1963	139,511	769,410	138,761	763,652	750	5,758
	1958	136,944	621,397	136,377	618,089	567	3,308
	1954	145,250	533,947	144,757	531,639	493	2,308

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
DIVISION AND STATE—Continued							
West South Central—Continued							
Oklahoma.....	1963	97,691	551,677	87,259	465,097	10,432	86,580
	1958	91,587	446,358	80,752	367,935	10,835	78,423
	1954	89,257	363,627	79,851	307,902	9,406	55,725
Texas.....	1963	513,802	2,890,778	499,365	2,765,666	14,437	125,112
	1958	477,591	2,284,871	466,404	2,208,174	11,187	76,697
	1954	417,210	1,659,263	410,364	1,620,344	6,846	38,919
Mountain.....	1963	283,888	1,706,424	278,929	1,662,724	4,959	43,700
	1958	228,785	1,145,276	(D)	(D)	(D)	(D)
	1954	185,006	737,501	(D)	(D)	(D)	(D)
Montana.....	1963	20,247	109,271	(D)	(D)	(D)	(D)
	1958	20,315	94,827	20,197	94,090	118	737
	1954	18,519	72,090	18,373	71,289	146	801
Idaho.....	1963	30,487	162,560	30,136	159,156	351	3,404
	1958	27,582	128,146	27,350	126,380	232	1,766
	1954	24,197	94,221	24,024	92,986	173	1,235
Wyoming.....	1963	6,797	37,956	(D)	(D)	(D)	(D)
	1958	6,442	31,603	(D)	(D)	(D)	(D)
	1954	6,261	26,890	6,228	26,774	33	116
Colorado.....	1963	93,722	596,011	91,152	573,834	2,570	22,177
	1958	77,505	404,964	75,542	390,918	1,963	14,046
	1954	64,446	254,754	63,041	247,110	1,405	7,644
New Mexico.....	1963	15,324	82,011	15,168	79,681	156	2,330
	1958	13,740	59,428	13,643	58,694	97	734
	1954	9,709	32,938	9,603	32,433	106	505
Arizona.....	1963	57,039	348,185	56,378	342,669	661	5,516
	1958	40,563	213,289	40,282	211,398	281	1,891
	1954	26,210	110,684	26,090	109,868	120	816
Utah.....	1963	53,504	328,226	52,594	320,163	910	8,063
	1958	37,604	185,924	36,747	181,040	857	4,884
	1954	29,947	120,623	29,364	117,520	583	3,103
Nevada.....	1963	6,768	42,204	(D)	(D)	(D)	(D)
	1958	5,034	27,095	5,004	26,780	30	315
	1954	5,717	25,301	(D)	(D)	(D)	(D)
Pacific.....	1963	1,799,103	11,880,636	1,746,182	11,392,677	52,921	487,959
	1958	1,595,031	8,806,116	1,554,238	8,502,402	40,793	303,714
	1954	1,411,108	6,325,658	1,385,611	6,159,508	25,497	166,150
Washington.....	1963	224,375	1,479,092	221,290	1,454,037	3,085	25,055
	1958	215,004	1,173,263	212,049	1,157,119	2,955	16,144
	1954	194,071	854,093	192,354	842,660	1,717	11,433
Oregon.....	1963	145,164	819,559	143,140	802,966	2,024	16,593
	1958	133,976	648,614	132,572	639,672	1,404	8,942
	1954	135,309	566,671	134,343	561,580	966	5,091
California.....	1963	1,398,611	9,433,245	1,351,691	8,994,232	46,920	439,013
	1958	1,217,348	6,876,274	1,181,795	6,601,089	35,553	275,185
	1954	1,053,255	4,807,399	1,030,441	4,657,773	22,814	149,626
Alaska.....	1963	5,809	39,733	5,793	39,551	16	182
	1958	4,807	25,716	4,807	25,716	-	-
	1954	(NA)	(NA)	4,092	20,365	(NA)	(NA)
Hawaii.....	1963	25,144	109,007	24,268	101,891	876	7,116
	1958	23,896	82,249	23,015	78,806	881	3,443
	1954	(NA)	(NA)	24,381	77,130	(NA)	(NA)
STANDARD CONSOLIDATED AREAS							
Chicago, Ill.—Northwestern Indiana.....	1963	958,598	6,194,787	905,032	5,709,430	53,566	485,357
	1958	957,232	5,213,395	911,823	4,881,584	45,409	331,811
	1954	991,642	4,545,600	950,954	4,287,691	40,688	257,909
New York, N.Y.—Northeastern New Jersey.....	1963	1,779,320	10,767,540	1,625,846	9,279,499	153,474	1,488,041
	1958	1,796,955	9,045,255	1,660,420	7,947,716	136,535	1,097,539
	1954	1,835,339	7,804,905	1,731,977	7,095,016	103,362	709,889
STANDARD METROPOLITAN STATISTICAL AREAS ²							
Abilene, Tex.....	1963	3,412	14,183	(D)	(D)	(D)	(D)
	1958	3,586	11,611	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	2,680	7,935	(NA)	(NA)

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² --Con.							
Akron, Ohio.....	1963	90,680	638,865	83,332	578,089	7,348	60,776
	1958	88,572	501,515	84,955	475,981	3,617	25,534
	1954	97,600	445,425	94,944	428,255	42,656	417,170
Albany, Ga.....	1963	4,724	17,905	4,724	17,905	-	-
	1958	3,307	11,159	3,307	11,159	-	-
	1954	3,138	8,910	3,138	8,910	-	-
Albany-Schenectady-Troy, N.Y.....	1963	61,749	394,847	(D)	(D)	(D)	(D)
	1958	71,516	385,042	63,275	324,438	8,241	60,604
	1954	85,492	387,793	79,997	352,697	5,495	35,096
Albuquerque, N. Mex.....	1963	8,157	47,340	8,157	47,340	-	-
	1958	6,677	32,267	6,613	31,944	64	323
	1954	4,026	14,208	3,929	13,745	97	463
Allentown-Bethlehem-Easton, Pa.-N.J.....	1963	93,751	517,947	88,444	463,388	5,307	54,559
	1958	93,907	430,094	88,335	379,423	5,572	50,671
	1954	94,208	354,288	90,265	323,179	3,943	31,109
Altoona, Pa.....	1963	11,651	53,565	(D)	(D)	(D)	(D)
	1958	10,398	39,583	10,391	39,556	7	27
	1954	8,417	25,939	8,417	25,939	-	-
Amarillo, Tex.....	1963	4,035	22,005	(D)	(D)	(D)	(D)
	1958	3,701	16,558	3,633	16,121	68	437
	1954	3,228	12,901	3,147	12,429	81	472
Anaheim-Santa Ana-Garden Grove, Calif.....	1963	96,885	687,335	93,705	662,841	3,180	24,494
	1958	31,770	175,935	31,161	171,173	609	4,762
	1954	15,755	64,804	15,755	64,804	(³)	(³)
Anderson, Ind.....	1963	26,201	183,263	(D)	(D)	(D)	(D)
	1958	23,467	123,761	23,467	123,761	-	-
	1954	25,725	114,815	25,725	114,815	-	-
Ann Arbor, Mich.....	1963	25,827	188,730	25,723	187,842	104	888
	1958	18,074	103,935	17,333	98,940	741	4,995
	1954	21,640	102,875	21,161	99,821	479	3,054
Asheville, N.C.....	1963	16,450	70,136	(D)	(D)	(D)	(D)
	1958	12,171	43,790	12,161	43,757	10	33
	1954	11,086	35,411	11,071	35,391	15	20
Atlanta, Ga.....	1963	95,696	538,629	92,739	515,949	2,957	22,680
	1958	83,534	379,717	82,451	371,096	1,083	8,621
	1954	81,966	300,207	80,627	292,915	1,339	7,292
Atlantic City, N.J.....	1963	8,740	35,360	(D)	(D)	(D)	(D)
	1958	7,137	23,270	(D)	(D)	(D)	(D)
	1954	6,202	18,428	6,202	18,428	-	-
Augusta, Ga.-S.C.....	1963	25,215	135,570	24,628	131,977	587	3,593
	1958	23,064	104,056	22,720	102,657	344	1,399
	1954	27,948	112,821	27,748	112,011	200	810
Austin, Tex.....	1963	5,855	25,796	(D)	(D)	(D)	(D)
	1958	4,985	18,838	4,884	18,125	101	713
	1954	3,388	11,003	3,388	11,003	-	-
Bakersfield, Calif.....	1963	5,844	38,442	5,795	38,125	49	317
	1958	5,514	30,386	5,318	27,617	196	2,769
	1954	3,250	14,637	3,181	14,258	69	379
Baltimore, Md.....	1963	190,512	1,184,343	187,475	1,158,319	3,037	26,024
	1958	197,814	1,011,390	195,926	1,000,290	1,888	11,100
	1954	196,138	808,905	194,249	797,160	1,889	11,745
Baton Rouge, La.....	1963	15,302	114,855	(D)	(D)	(D)	(D)
	1958	19,033	119,458	19,012	119,313	21	145
	1954	18,909	98,547	18,882	98,399	27	148
Bay City, Mich.....	1963	9,630	61,710	9,630	61,710	-	-
	1958	9,315	50,881	9,315	50,881	-	-
	1954	10,691	46,787	10,691	46,787	-	-
Beaumont-Port Arthur, Tex.....	1963	32,813	233,912	32,312	229,065	501	4,847
	1958	32,507	195,034	32,077	191,512	430	3,522
	1954	31,030	151,993	30,825	150,639	205	1,354
Billings, Mont.....	1963	2,501	15,485	(D)	(D)	(D)	(D)
	1958	2,655	14,161	2,616	13,902	39	259
	1954	(NA)	(NA)	2,410	10,359	(NA)	(NA)
Binghamton, N.Y.-Pa.....	1963	41,639	259,012	(D)	(D)	(D)	(D)
	1958	46,477	227,764	(D)	(D)	(D)	(D)
	1954	45,929	176,610	(D)	(D)	(D)	(D)
Birmingham, Ala.....	1963	59,358	362,188	57,429	344,403	1,929	17,785
	1958	63,495	335,698	60,450	312,794	3,045	22,904
	1954	60,663	253,862	57,762	236,624	2,901	17,238

See footnotes at end of table.

TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Boise City, Idaho.....	1963	2,845	14,378	(D)	(D)	(D)	(D)
	1958	2,590	11,842	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	1,976	7,303	(NA)	(NA)
Boston, Mass.....	1963	293,248	1,768,835	271,795	1,578,774	21,453	190,061
	1958	301,002	1,514,831	283,129	1,400,251	17,873	114,580
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Bridgeport, Conn.....	1963	67,419	419,940	65,837	406,382	1,582	13,558
	1958	64,749	331,762	62,902	319,666	1,847	12,096
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Brockton, Mass.....	1963	15,862	72,257	(D)	(D)	(D)	(D)
	1958	15,754	58,797	15,489	57,647	265	1,150
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Brownsville-Harlingen-San Benito, Tex.....	1963	4,817	14,894	4,817	14,894	-	-
	1958	4,103	10,889	4,103	10,889	-	-
	1954	(NA)	(NA)	2,977	7,152	(NA)	(NA)
Buffalo, N.Y.....	1963	162,942	1,104,607	158,626	1,071,282	4,316	33,325
	1958	173,874	980,689	169,877	954,466	3,997	26,223
	1954	203,357	946,591	200,801	933,873	2,556	12,718
Canton, Ohio.....	1963	52,962	343,603	50,455	321,976	2,507	21,627
	1958	51,166	269,691	50,489	265,068	677	4,623
	1954	56,925	248,897	56,762	247,442	163	1,455
Cedar Rapids, Iowa.....	1963	23,758	149,147	(D)	(D)	(D)	(D)
	1958	19,027	98,560	18,859	97,718	168	842
	1954	18,593	75,970	18,457	75,434	136	536
Champaign-Urbana, Ill.....	1963	3,304	20,250	(D)	(D)	(D)	(D)
	1958	2,689	12,318	2,428	11,240	261	1,078
	1954	2,446	9,671	2,446	9,671	-	-
Charleston, S.C.....	1963	11,036	48,254	(D)	(D)	(D)	(D)
	1958	10,551	37,978	10,530	37,818	21	160
	1954	10,459	29,473	10,410	29,253	649	6220
Charleston, W. Va.....	1963	21,157	159,589	(D)	(D)	(D)	(D)
	1958	21,140	127,451	20,924	125,891	216	1,560
	1954	23,224	119,049	21,222	107,455	2,002	11,594
Charlotte, N.C.....	1963	32,755	152,585	30,932	142,211	1,823	10,374
	1958	27,691	106,681	26,686	100,264	1,005	6,417
	1954	24,488	78,042	23,748	73,055	740	4,987
Chattanooga, Tenn.-Ga.....	1963	38,940	193,842	38,600	191,552	340	2,290
	1958	40,911	166,114	40,697	164,878	214	1,236
	1954	43,019	145,186	42,759	143,569	260	1,617
Chicago, Ill.....	1963	860,637	5,472,402	808,490	5,000,379	52,147	472,023
	1958	857,238	4,599,875	813,569	4,280,994	43,669	318,881
	1954	889,784	4,058,100	849,438	3,802,346	40,346	255,754
Cincinnati, Ohio-Ky.-Ind.....	1963	153,930	988,973	144,437	910,358	9,493	78,615
	1958	156,478	833,318	149,758	784,828	6,720	48,490
	1954	160,766	713,588	157,802	696,340	4,964	417,248
Cleveland, Ohio.....	1963	280,285	1,908,311	262,641	1,750,817	17,644	157,494
	1958	273,682	1,558,248	259,086	1,447,101	14,596	111,147
	1954	308,105	1,470,131	297,428	1,400,627	410,677	469,504
Colorado Springs, Colo.....	1963	3,682	19,717	(D)	(D)	(D)	(D)
	1958	3,316	15,051	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	2,717	9,363	(NA)	(NA)
Columbia, S.C.....	1963	14,465	56,736	(D)	(D)	(D)	(D)
	1958	11,181	34,296	11,168	34,234	13	62
	1954	9,977	26,048	9,971	26,025	6	23
Columbus, Ga.-Ala.....	1963	14,333	54,214	14,333	54,214	-	-
	1958	17,105	51,245	17,105	51,245	-	-
	1954	17,913	43,788	17,913	43,788	-	-
Columbus, Ohio.....	1963	80,239	510,651	78,202	494,134	2,037	16,517
	1958	72,991	381,266	72,141	375,484	850	5,782
	1954	77,116	332,079	76,419	328,031	697	4,048
Corpus Christi, Tex.....	1963	7,799	46,593	(D)	(D)	(D)	(D)
	1958	7,661	39,751	7,454	38,172	207	1,579
	1954	6,910	29,328	6,721	28,241	189	1,087
Dallas, Tex.....	1963	109,517	616,710	105,701	585,449	3,816	31,261
	1958	95,173	461,616	90,857	432,126	4,316	29,490
	1954	80,462	319,408	77,787	303,582	2,675	15,826

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Davenport-Rock Island-Moline, Iowa-Ill.....	1963	41,077	272,521	(D)	(D)	(D)	(D)
	1958	39,146	213,741	38,276	205,193	870	8,548
	1954	39,918	173,609	39,181	167,841	4,737	45,768
Dayton, Ohio.....	1963	104,129	719,006	101,969	699,166	2,160	19,840
	1958	97,189	552,492	95,192	539,932	1,997	12,560
	1954	107,937	(D)	106,726	(D)	41,211	47,897
Decatur, Ill.....	1963	13,984	92,150	(D)	(D)	(D)	(D)
	1958	14,050	71,702	13,983	71,175	67	527
	1954	12,217	53,530	12,184	52,880	33	650
Denver, Colo.....	1963	69,539	461,812	67,452	443,471	2,087	18,341
	1958	53,686	286,018	52,084	274,272	1,602	11,746
	1954	43,107	177,589	41,854	170,744	1,253	6,845
Des Moines, Iowa.....	1963	21,621	135,022	21,373	134,131	248	891
	1958	23,230	119,147	23,004	117,457	226	1,690
	1954	22,524	94,931	22,482	94,592	42	339
Detroit, Mich.....	1963	493,913	3,847,165	422,346	3,140,569	71,567	706,596
	1958	467,431	2,972,087	405,035	2,480,281	62,396	491,806
	1954	589,941	3,113,753	538,223	2,773,349	51,718	340,404
Dubuque, Iowa.....	1963	10,911	70,366	10,911	70,366	-	-
	1958	10,566	55,944	10,416	55,352	150	600
	1954	10,326	42,495	10,322	42,446	4	49
Duluth-Superior, Minn.-Wis.....	1963	11,522	60,613	11,486	60,270	36	343
	1958	11,366	56,369	11,290	55,901	76	468
	1954	12,740	49,739	12,724	49,617	16	122
Durham, N.C.....	1963	13,088	60,172	(D)	(D)	(D)	(D)
	1958	12,621	46,806	12,453	45,552	168	1,254
	1954	13,213	40,435	13,076	39,598	137	837
El Paso, Tex.....	1963	14,916	62,049	(D)	(D)	(D)	(D)
	1958	11,501	43,104	11,205	41,162	296	1,942
	1954	9,465	29,780	9,232	28,534	233	1,246
Erie, Pa.....	1963	36,437	220,832	35,739	215,764	698	5,068
	1958	34,858	178,776	34,858	178,776	-	-
	1954	40,647	173,049	40,488	171,969	159	1,080
Eugene, Oreg.....	1963	18,250	100,897	(D)	(D)	(D)	(D)
	1958	14,167	68,332	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	13,980	60,059	(NA)	(NA)
Evansville, Ind.-Ky.....	1963	26,203	146,186	(D)	(D)	(D)	(D)
	1958	27,083	128,152	27,068	128,020	15	132
	1954	35,023	144,115	34,962	143,845	461	4,270
Fall River, Mass.-R.I.....	1963	23,444	87,968	(D)	(D)	(D)	(D)
	1958	23,663	74,472	(D)	(D)	(D)	(D)
	1954	27,005	74,066	26,990	73,942	15	124
Fargo-Moorhead, N. Dak.-Minn.....	1963	2,283	11,695	2,283	11,695	-	-
	1958	2,702	11,367	2,702	11,367	-	-
	1954	(NA)	(NA)	2,533	9,441	(NA)	(NA)
Fitchburg-Leominster, Mass.....	1963	17,485	92,082	(D)	(D)	(D)	(D)
	1958	16,976	74,007	16,902	72,794	74	1,213
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Flint, Mich.....	1963	68,875	563,495	68,850	563,303	25	192
	1958	58,802	348,054	58,687	347,356	115	698
	1954	76,618	392,215	76,614	392,174	44	441
Fort Smith, Ark.-Okla.....	1963	12,291	47,562	(D)	(D)	(D)	(D)
	1958	9,699	32,369	9,699	32,369	-	-
	1954	6,376	19,472	6,376	19,472	-	-
Fort Lauderdale-Hollywood, Fla.....	1963	9,750	43,640	(D)	(D)	(D)	(D)
	1958	6,355	26,344	6,172	25,252	183	1,092
	1954	2,862	9,409	2,862	9,409	-	-
Fort Wayne, Ind.....	1963	36,088	247,021	34,050	228,313	2,038	18,708
	1958	33,263	183,524	31,328	168,768	1,935	14,756
	1954	35,187	162,240	33,012	149,898	2,175	12,342
Fort Worth, Tex.....	1963	50,534	322,210	49,333	313,167	1,201	9,043
	1958	55,899	289,566	55,344	288,235	555	1,331
	1954	50,075	215,661	49,605	213,912	470	1,749
Fresno, Calif.....	1963	14,309	74,969	14,256	74,634	53	335
	1958	12,505	55,282	12,428	54,757	77	525
	1954	12,786	50,923	12,747	50,734	39	189

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Gadsden, Ala.....	1963	9,649	62,800	9,649	62,800	-	-
	1958	11,714	58,724	11,714	58,724	-	-
	1954	12,760	47,483	12,760	47,483	-	-
Galveston-Texas City, Tex.....	1963	9,504	71,552	(D)	(D)	(D)	(D)
	1958	10,930	66,435	10,631	63,842	299	2,593
	1954	10,910	54,437	10,910	54,437	-	-
Gary-Hammond-East Chicago, Ind.....	1963	97,961	722,385	96,542	709,051	1,419	13,334
	1958	99,994	613,520	98,254	600,590	1,740	12,930
	1954	101,858	487,500	101,516	485,345	342	2,155
Grand Rapids, Mich.....	1963	64,602	393,232	64,320	390,735	282	2,497
	1958	56,480	291,674	56,315	290,599	165	1,075
	1954	63,847	294,305	63,812	293,730	435	4,575
Great Falls, Mont.....	1963	2,880	15,864	(D)	(D)	(D)	(D)
	1958	2,786	13,169	2,786	13,169	-	-
	1954	(NA)	(NA)	2,559	9,914	(NA)	(NA)
Green Bay, Wis.....	1963	13,486	81,651	(D)	(D)	(D)	(D)
	1958	12,228	59,998	12,183	59,670	45	328
	1954	11,226	48,055	11,071	47,193	155	862
Greensboro-High Point, N.C.....	1963	45,913	195,400	42,956	171,970	2,957	23,430
	1958	41,873	144,077	40,115	132,090	1,758	11,987
	1954	38,588	112,415	37,380	104,332	1,208	8,083
Greenville, S.C.....	1963	45,360	177,003	45,029	174,665	331	2,338
	1958	36,777	118,604	36,559	117,170	218	1,434
	1954	32,556	92,440	32,435	91,712	4121	4,728
Hamilton-Middletown, Ohio.....	1963	26,169	195,109	(D)	(D)	(D)	(D)
	1958	30,932	191,984	29,230	172,475	1,702	19,509
	1954	33,052	164,221	31,764	152,989	1,288	11,232
Harrisburg, Pa.....	1963	33,470	165,141	31,439	148,333	2,031	16,808
	1958	33,448	136,955	32,539	130,548	909	6,407
	1954	34,425	114,972	33,889	112,345	4536	42,627
Hartford, Conn.....	1963	90,177	589,539	(D)	(D)	(D)	(D)
	1958	88,533	458,561	84,289	428,395	4,244	30,166
	1954	(3)	(3)	(3)	(3)	(3)	(3)
Honolulu, Hawaii.....	1963	17,870	79,512	(D)	(D)	(D)	(D)
	1958	15,990	55,718	15,109	52,275	881	3,443
	1954	(NA)	(NA)	13,700	46,401	(NA)	(NA)
Houston, Tex.....	1963	108,585	720,296	102,480	661,887	6,105	58,409
	1958	104,541	579,355	100,510	549,398	4,031	29,957
	1954	89,042	(D)	87,651	(D)	41,391	49,087
Huntington-Ashland, W. Va.-Ky.-Ohio.....	1963	23,598	145,749	(D)	(D)	(D)	(D)
	1958	22,814	117,879	22,139	113,673	675	4,206
	1954	24,722	100,137	24,178	97,212	544	2,925
Indianapolis, Ind.....	1963	115,817	749,221	112,488	721,773	3,329	27,448
	1958	105,633	574,285	104,143	564,318	1,490	9,967
	1954	111,791	499,175	110,877	493,989	4914	45,186
Jackson, Mich.....	1963	16,501	107,466	15,948	103,025	553	4,441
	1958	14,904	80,972	14,899	80,934	5	38
	1954	15,806	73,628	15,575	72,444	231	1,184
Jackson, Miss.....	1963	11,646	50,558	11,502	49,498	144	1,090
	1958	11,155	41,457	11,089	41,084	66	373
	1954	8,904	26,192	8,873	25,849	431	4343
Jacksonville, Fla.....	1963	20,586	101,755	20,240	99,087	346	2,668
	1958	19,228	77,720	19,091	76,863	137	857
	1954	17,402	58,172	17,343	57,854	59	318
Jersey City, N.J.....	1963	109,534	633,432	106,571	611,568	2,963	21,864
	1958	124,348	619,229	120,678	591,645	3,670	27,584
	1954	136,639	590,626	133,063	569,410	3,576	21,216
Johnstown, Pa.....	1963	23,023	128,060	(D)	(D)	(D)	(D)
	1958	23,628	110,227	23,462	108,902	166	1,325
	1954	23,431	84,113	23,227	82,667	204	1,446
Kalamazoo, Mich.....	1963	25,884	171,135	24,176	154,947	1,708	16,188
	1958	25,063	136,541	24,321	132,016	742	4,525
	1954	24,088	108,806	23,948	108,035	140	771
Kansas City, Mo.-Kans.....	1963	111,104	684,504	107,102	654,601	4,002	29,903
	1958	103,084	523,797	100,288	506,465	2,796	17,332
	1954	117,980	513,686	115,611	499,255	42,369	414,431

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Kenosha, Wis.....	1963	22,516	150,462	(D)	(D)	(D)	(D)
	1958	15,518	84,697	15,436	84,128	82	569
	1954	15,207	66,572	15,113	65,925	94	647
Knoxville, Tenn.....	1963	34,854	175,881	34,642	175,141	212	740
	1958	31,133	135,923	31,020	135,533	113	390
	1954	34,002	120,099	33,903	119,668	99	431
Lafayette, La.....	1963	1,746	7,582	(D)	(D)	(D)	(D)
	1958	1,675	6,060	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	1,194	3,316	(NA)	(NA)
Lake Charles, La.....	1963	7,859	53,486	(D)	(D)	(D)	(D)
	1958	7,901	45,324	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	7,468	35,901	(NA)	(NA)
Lancaster, Pa.....	1963	47,878	255,079	(D)	(D)	(D)	(D)
	1958	43,905	190,234	42,295	177,311	1,610	12,923
	1954	43,681	157,769	42,545	150,619	1,136	7,150
Lansing, Mich.....	1963	28,381	220,003	28,097	217,426	284	2,577
	1958	25,795	150,921	24,739	144,921	1,056	6,000
	1954	33,144	165,948	32,171	160,488	973	5,460
Laredo, Tex.....	1963	915	2,659	915	2,659	-	-
	1958	940	2,164	940	2,164	-	-
	1954	856	1,658	844	1,602	12	56
Las Vegas, Nev.....	1963	3,852	24,900	3,852	24,900	-	-
	1958	2,416	13,685	2,416	13,685	-	-
	1954	3,109	13,835	3,109	13,835	-	-
Lawrence-Haverhill, Mass.-N.H.....	1963	42,020	214,286	(D)	(D)	(D)	(D)
	1958	36,378	149,253	36,108	147,103	270	2,150
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Lawton, Okla.....	1963	1,023	4,469	1,023	4,469	-	-
	1958	841	2,894	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	670	2,108	(NA)	(NA)
Lewiston-Auburn ⁵ , Maine.....	1963	12,477	48,199	(D)	(D)	(D)	(D)
	1958	13,046	42,456	12,969	41,917	77	539
Lexington, Ky.....	1963	10,916	65,658	(D)	(D)	(D)	(D)
	1958	7,798	36,634	7,717	35,767	81	867
	1954	4,420	13,635	4,317	13,156	103	479
Lima, Ohio.....	1963	14,897	93,337	(D)	(D)	(D)	(D)
	1958	13,543	71,422	13,526	71,274	17	148
	1954	14,722	58,038	14,691	57,831	31	207
Lincoln, Nebr.....	1963	9,063	45,556	8,912	44,764	151	792
	1958	8,626	38,882	8,498	38,116	128	766
	1954	8,681	32,342	8,681	32,342	-	-
Little Rock-North Little Rock, Ark.....	1963	16,521	67,514	(D)	(D)	(D)	(D)
	1958	13,415	47,467	13,392	47,398	23	69
	1954	11,640	34,008	11,626	33,889	14	119
Lorain-Elyria, Ohio.....	1963	29,834	214,069	(D)	(D)	(D)	(D)
	1958	24,724	143,544	23,732	137,574	992	5,970
	1954	30,528	138,576	30,096	136,363	432	2,213
Los Angeles-Long Beach, Calif.....	1963	745,968	4,939,610	727,964	4,760,295	18,004	179,315
	1958	697,235	3,971,467	681,550	3,849,449	15,685	122,018
	1954	633,528	2,929,803	625,310	2,878,200	⁵ 8,218	⁵ 51,603
Louisville, Ky.-Ind.....	1963	87,621	542,520	83,920	510,498	3,701	32,022
	1958	86,656	434,586	83,189	412,348	3,467	22,238
	1954	88,158	373,584	84,653	354,192	3,505	19,392
Lowell, Mass.....	1963	21,120	102,594	(D)	(D)	(D)	(D)
	1958	19,104	70,503	18,951	69,101	153	1,402
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Lubbock, Tex.....	1963	5,441	25,386	(D)	(D)	(D)	(D)
	1958	4,191	17,368	4,191	17,368	-	-
	1954	2,837	10,231	2,818	10,134	19	97
Lynchburg, Va.....	1963	18,039	86,854	(D)	(D)	(D)	(D)
	1958	15,756	56,726	15,223	53,926	533	2,800
	1954	13,945	53,094	13,945	53,094	-	-
Macon, Ga.....	1963	11,059	48,818	(D)	(D)	(D)	(D)
	1958	10,939	38,482	10,721	37,099	218	1,383
	1954	10,770	31,441	10,542	30,137	228	1,304

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Madison, Wis.....	1963	13,452	83,101	12,445	75,558	1,007	7,543
	1958	12,367	63,327	11,737	57,983	630	5,344
	1954	13,911	59,423	13,355	55,714	556	3,709
Manchester, N.H.....	1963	16,931	71,917	(D)	(D)	(D)	(D)
	1958	18,425	64,914	18,125	63,603	300	1,311
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Memphis, Tenn.-Ark.....	1963	47,152	241,367	46,159	233,904	993	7,463
	1958	41,850	178,066	41,280	175,206	570	2,860
	1954	42,971	158,035	42,263	153,897	4,708	44,138
Meriden, Conn.....	1963	7,355	44,958	(D)	(D)	(D)	(D)
	1958	8,734	43,892	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	9,496	38,506	(NA)	(NA)
Miami, Fla.....	1963	43,245	192,569	42,741	186,834	504	5,735
	1958	36,893	143,097	36,528	140,092	365	3,005
	1954	24,317	80,212	24,229	79,470	88	742
Midland, Tex.....	1963	548	3,661	(D)	(D)	(D)	(D)
	1958	492	2,652	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	421	1,811	(NA)	(NA)
Milwaukee, Wis.....	1963	193,845	1,271,922	187,809	1,219,865	6,036	52,057
	1958	189,535	1,041,707	184,979	1,012,098	4,556	29,609
	1954	192,658	886,706	187,930	858,859	44,728	427,847
Minneapolis-St. Paul, Minn.....	1963	163,860	1,056,110	149,644	940,967	14,216	115,143
	1958	146,043	766,192	135,136	696,603	10,907	69,589
	1954	143,064	628,064	135,288	586,150	7,776	41,914
Mobile, Ala.....	1963	18,551	101,131	(D)	(D)	(D)	(D)
	1958	17,348	82,988	17,267	82,455	81	533
	1954	15,418	56,957	15,381	56,703	437	4254
Monroe, La.....	1963	5,723	30,507	(D)	(D)	(D)	(D)
	1958	5,971	26,570	5,971	26,570	-	-
	1954	(NA)	(NA)	5,402	19,951	(NA)	(NA)
Montgomery, Ala.....	1963	7,614	30,647	(D)	(D)	(D)	(D)
	1958	7,262	23,086	7,262	23,086	-	-
	1954	6,281	17,753	6,281	17,753	-	-
Muncie, Ind.....	1963	16,658	110,070	(D)	(D)	(D)	(D)
	1958	14,968	82,989	14,960	82,924	8	65
	1954	17,459	79,805	17,453	79,788	6	17
Muskegon-Muskegon Heights, Mich.....	1963	25,103	163,867	24,853	161,994	250	1,873
	1958	23,504	124,472	23,314	123,206	190	1,266
	1954	25,429	117,311	25,272	116,326	157	985
Nashville, Tenn.....	1963	46,519	226,185	45,230	218,735	1,289	7,450
	1958	39,977	166,127	37,916	155,253	2,061	10,874
	1954	35,679	117,483	33,487	110,932	42,192	46,551
New Bedford, Mass.....	1963	25,419	105,210	(D)	(D)	(D)	(D)
	1958	26,519	90,833	26,492	90,607	27	226
	1954	(³)	(³)	(³)	(³)	(³)	(³)
New Britain, Conn.....	1963	29,813	172,221	(D)	(D)	(D)	(D)
	1958	31,445	149,851	31,445	149,851	-	-
	1954	(³)	(³)	(³)	(³)	(³)	(³)
New Haven, Conn.....	1963	42,997	253,124	(D)	(D)	(D)	(D)
	1958	42,527	205,754	42,215	202,201	312	3,553
	1954	(³)	(³)	(³)	(³)	(³)	(³)
New London-Groton-Norwich, Conn.....	1963	30,121	209,016	(D)	(D)	(D)	(D)
	1958	23,597	129,084	23,274	125,872	323	3,212
	1954	(³)	(³)	(³)	(³)	(³)	(³)
New Orleans, La.....	1963	49,051	282,948	48,770	280,764	281	2,184
	1958	46,922	208,883	46,651	207,217	271	1,666
	1954	54,362	197,460	54,119	196,144	4243	41,316
New York, N.Y.....	1963	1,147,203	6,849,851	1,034,044	5,713,787	113,159	1,136,064
	1958	1,183,977	5,876,864	1,074,546	4,984,692	109,431	892,172
	1954	1,203,384	5,037,954	1,120,638	4,453,870	82,746	584,084
Newark, N.J.....	1963	250,235	1,613,784	224,565	1,379,399	25,670	234,385
	1958	245,605	1,289,824	226,651	1,155,750	18,954	134,074
	1954	255,504	1,138,598	241,925	1,054,763	13,579	83,835
Newport News-Hampton, Va.....	1963	24,651	157,033	(D)	(D)	(D)	(D)
	1958	17,227	88,459	17,110	88,020	117	439
	1954	18,366	80,079	18,255	79,747	111	332

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Norfolk-Portsmouth, Va.....	1963	16,074	82,114	15,756	79,826	318	2,288
	1958	15,202	63,429	14,886	61,420	316	2,009
	1954	15,723	55,306	15,464	54,156	259	1,150
Norwalk, Conn.....	1963	17,605	109,338	(D)	(D)	(D)	(D)
	1958	14,248	66,655	(D)	(D)	(D)	(D)
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Odessa, Tex.....	1963	2,216	13,522	(D)	(D)	(D)	(D)
	1958	1,900	10,346	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	895	3,941	(NA)	(NA)
Ogden, Utah.....	1963	4,638	28,020	(D)	(D)	(D)	(D)
	1958	4,630	22,806	4,522	22,111	108	695
	1954	3,079	11,712	2,937	11,029	142	683
Oklahoma City, Okla.....	1963	27,244	153,127	26,140	144,968	1,104	8,159
	1958	19,072	86,972	17,932	79,326	1,140	7,646
	1954	16,937	65,459	16,493	63,031	444	2,428
Omaha, Nebr.—Iowa.....	1963	35,082	206,788	34,345	200,184	737	6,604
	1958	33,047	160,885	32,416	156,222	631	4,663
	1954	32,729	130,239	30,586	121,924	2,143	8,315
Orlando, Fla.....	1963	19,389	124,942	(D)	(D)	(D)	(D)
	1958	10,780	55,415	10,278	52,782	502	2,633
	1954	4,736	16,570	4,543	15,474	193	1,096
Paterson-Clifton-Passaic, N.J.....	1963	176,490	1,053,081	170,799	1,007,574	5,691	45,507
	1958	158,545	806,489	156,330	782,225	2,215	24,264
	1954	157,169	674,303	155,128	663,530	2,041	10,773
Pensacola, Fla.....	1963	13,101	75,897	13,101	75,897	-	-
	1958	12,529	58,556	11,867	52,598	662	5,958
	1954	8,115	28,593	8,066	28,299	49	294
Peoria, Ill.....	1963	40,087	277,597	(D)	(D)	(D)	(D)
	1958	37,206	195,605	(D)	(D)	(D)	(D)
	1954	41,457	186,420	38,283	168,996	43,174	417,424
Philadelphia, Pa.—N.J.....	1963	535,807	3,310,617	512,828	3,108,691	22,979	201,926
	1958	536,912	2,738,856	515,172	2,573,486	21,740	165,370
	1954	563,806	2,401,449	547,042	2,291,639	16,764	109,810
Phoenix, Ariz.....	1963	40,970	253,784	40,427	249,305	543	4,479
	1958	25,794	139,703	25,563	138,131	231	1,572
	1954	15,837	67,254	15,717	66,438	120	816
Pine Bluff, Ark.....	1963	5,148	24,513	5,148	24,513	-	-
	1958	3,927	15,736	3,920	15,696	7	40
	1954	(NA)	(NA)	3,026	8,424	(NA)	(NA)
Pittsburgh, Pa.....	1963	272,183	1,925,554	237,192	1,577,767	34,991	347,787
	1958	305,722	1,798,221	269,858	1,523,779	35,864	274,442
	1954	331,568	1,557,825	303,620	1,365,174	27,948	192,651
Pittsfield, Mass.....	1963	16,111	113,624	(D)	(D)	(D)	(D)
	1958	14,213	83,966	14,044	82,725	169	1,241
	1954	15,625	72,419	15,499	71,520	126	899
Portland, Maine.....	1963	12,420	63,504	(D)	(D)	(D)	(D)
	1958	12,856	55,702	12,751	54,721	105	981
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Portland, Oreg.—Wash.....	1963	65,366	393,504	63,421	377,672	1,945	15,832
	1958	58,334	296,179	57,037	288,400	1,297	7,779
	1954	57,453	244,096	56,729	239,997	724	4,099
Providence-Pawtucket-Warwick, R.I.—Mass.....	1963	125,886	596,371	124,577	586,231	1,309	10,140
	1958	127,150	509,907	126,055	502,368	1,095	7,539
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Provo-Orem, Utah.....	1963	6,884	48,893	6,884	48,893	-	-
	1958	7,345	47,117	7,345	47,117	-	-
	1954	6,734	30,397	6,734	30,397	-	-
Pueblo, Colo.....	1963	8,784	57,842	(D)	(D)	(D)	(D)
	1958	9,674	60,423	9,482	59,217	192	1,206
	1954	8,675	36,199	8,675	36,199	-	-
Racine, Wis.....	1963	22,185	147,163	(D)	(D)	(D)	(D)
	1958	21,173	112,719	20,354	107,685	819	5,034
	1954	22,695	103,984	22,024	99,999	671	3,985
Raleigh, N.C.....	1963	8,879	38,315	(D)	(D)	(D)	(D)
	1958	7,256	24,956	7,095	24,065	161	891
	1954	6,122	17,156	6,041	17,009	81	147

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Reading, Pa.....	1963	50,719	255,118	50,082	250,071	637	5,047
	1958	48,429	194,423	48,170	192,121	259	2,302
	1954	49,436	169,157	49,130	167,369	306	1,788
Reno, Nev.....	1963	2,126	12,755	(D)	(D)	(D)	(D)
	1958	1,921	9,805	1,891	9,490	30	315
	1954	1,666	7,503	1,666	7,503	-	-
Richmond, Va.....	1963	45,980	256,564	41,898	222,700	4,082	33,864
	1958	42,999	194,705	38,894	169,348	4,105	25,357
	1954	38,374	137,478	37,078	130,030	41,296	47,448
Roanoke, Va.....	1963	14,735	71,315	(D)	(D)	(D)	(D)
	1958	14,331	57,212	14,262	56,752	69	460
	1954	12,759	42,746	12,732	42,593	27	153
Rochester, N.Y.....	1963	121,344	837,813	116,319	785,542	5,025	52,271
	1958	116,722	640,367	113,312	611,056	3,410	29,311
	1954	125,535	566,929	122,365	545,640	43,170	421,289
Rockford, Ill.....	1963	43,932	272,946	(D)	(D)	(D)	(D)
	1958	40,756	211,538	40,756	211,538	-	-
	1954	39,422	181,982	39,422	181,982	-	-
Sacramento, Calif.....	1963	35,272	272,207	35,233	271,960	39	247
	1958	23,948	141,591	23,906	141,591	42	197
	1954	13,518	57,296	13,505	57,208	413	488
Saginaw, Mich.....	1963	25,771	191,038	25,539	188,967	232	2,071
	1958	21,201	120,723	21,201	120,723	-	-
	1954	26,625	124,462	26,625	124,462	-	-
St. Joseph, Mo.....	1963	10,497	56,186	(D)	(D)	(D)	(D)
	1958	11,017	50,843	11,014	50,827	3	16
	1954	11,268	42,791	11,207	42,574	61	217
St. Louis, Mo.-Ill.....	1963	259,686	1,666,302	244,320	1,539,835	15,366	126,467
	1958	262,504	1,352,978	249,001	1,258,799	13,503	94,179
	1954	271,421	1,156,920	260,075	1,091,538	411,346	465,382
Salt Lake City, Utah.....	1963	31,796	187,424	31,163	182,398	633	5,026
	1958	21,030	97,162	20,290	93,003	740	4,159
	1954	16,582	66,515	16,181	64,309	4401	42,206
San Angelo, Tex.....	1963	1,988	7,773	1,988	7,773	-	-
	1958	2,166	6,900	2,166	6,900	-	-
	1954	1,865	4,741	1,865	4,741	-	-
San Antonio, Tex.....	1963	23,604	102,435	(D)	(D)	(D)	(D)
	1958	20,919	75,256	20,897	75,093	22	163
	1954	18,481	55,833	18,440	55,575	441	4258
San Bernardino-Riverside-Ontario, Calif.....	1963	37,568	238,747	37,534	238,543	34	204
	1958	29,216	156,682	29,165	156,325	51	357
	1954	23,859	101,641	23,815	101,401	44	240
San Diego, Calif.....	1963	60,276	453,047	(D)	(D)	(D)	(D)
	1958	71,383	447,822	70,867	442,962	516	4,860
	1954	48,137	224,969	47,731	221,656	406	3,313
San Francisco-Oakland, Calif.....	1963	196,163	1,356,640	178,175	1,188,884	17,988	167,756
	1958	190,251	1,080,369	176,140	970,911	14,111	109,458
	1954	184,341	873,420	171,270	785,273	13,071	88,147
San Jose, Calif.....	1963	94,743	739,855	93,168	726,323	1,575	13,532
	1958	53,921	340,494	51,377	322,743	2,544	17,751
	1954	28,434	118,868	27,942	116,213	492	2,655
Santa Barbara, Calif.....	1963	7,788	51,876	5,134	29,405	2,654	22,471
	1958	3,919	18,950	3,808	17,720	111	1,230
	1954	1,928	7,762	1,928	7,762	-	-
Savannah, Ga.....	1963	14,787	75,451	(D)	(D)	(D)	(D)
	1958	14,588	63,754	14,582	63,729	6	25
	1954	13,323	47,275	13,323	47,275	-	-
Scranton, Pa.....	1963	29,025	115,163	(D)	(D)	(D)	(D)
	1958	27,365	94,947	27,307	94,758	58	189
	1954	31,496	94,406	31,478	94,351	18	55
Seattle-Everett, Wash.....	1963	121,556	855,212	120,205	842,652	1,351	12,560
	1958	114,871	659,684	114,290	655,437	581	4,247
	1954	88,189	394,965	87,726	392,260	463	2,705
Shreveport, La.....	1963	9,111	45,598	9,094	45,444	17	154
	1958	9,112	40,838	9,024	40,223	88	615
	1954	8,092	28,922	8,037	28,592	55	330
Sioux City, Iowa-Nebr.....	1963	7,484	41,545	7,438	41,361	46	184
	1958	8,345	38,771	8,345	38,771	-	-
	1954	9,529	37,101	9,509	37,013	420	488

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees	Payroll	Employees	Payroll	Employees	Payroll
		(number)	(\$1,000)	(number)	(\$1,000)	(number)	(\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Sioux Falls, S. Dak.....	1963	6,098	36,955	6,047	36,545	51	410
	1958	6,085	29,057	6,085	29,057	-	-
	1954	5,402	21,656	5,402	21,656	-	-
South Bend, Ind.....	1963	37,664	244,152	(D)	(D)	(D)	(D)
	1958	36,910	204,808	36,877	204,575	33	233
	1954	45,332	207,711	45,332	207,711	-	-
Spokane, Wash.....	1963	11,825	76,417	(D)	(D)	(D)	(D)
	1958	12,776	70,110	12,759	70,020	17	90
	1954	13,729	60,172	13,674	59,851	55	321
Springfield, Ill.....	1963	11,613	67,714	11,613	67,714	-	-
	1958	11,195	56,346	11,195	56,346	-	-
	1954	12,819	53,285	12,816	53,256	3	29
Springfield, Mo.....	1963	11,053	50,833	11,053	50,833	-	-
	1958	8,618	33,359	8,618	33,359	-	-
	1954	6,695	20,775	6,682	20,697	13	78
Springfield, Ohio.....	1963	16,388	100,611	(D)	(D)	(D)	(D)
	1958	13,066	69,534	(D)	(D)	(D)	(D)
	1954	16,823	70,435	16,823	70,435	-	-
Springfield-Chicopee-Holyoke, Mass.-Conn.....	1963	67,354	370,304	66,289	359,749	1,065	10,555
	1958	72,374	345,436	70,635	332,844	1,739	12,592
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Stamford, Conn.....	1963	23,854	163,083	19,419	124,936	4,435	38,147
	1958	19,442	105,666	16,959	91,036	2,483	14,630
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Steubenville-Weirton, Ohio-W. Va.....	1963	28,581	205,991	(D)	(D)	(D)	(D)
	1958	29,829	172,889	29,273	167,954	556	4,935
	1954	32,581	143,829	31,853	139,422	728	4,407
Stockton, Calif.....	1963	14,352	84,444	(D)	(D)	(D)	(D)
	1958	12,667	61,314	12,667	61,314	-	-
	1954	11,145	45,631	11,033	45,205	112	426
Syracuse, N.Y.....	1963	66,985	422,822	63,598	395,289	3,387	27,533
	1958	69,511	366,703	66,647	349,871	2,864	16,872
	1954	70,327	295,891	67,697	282,164	2,630	13,727
Tacoma, Wash.....	1963	16,564	98,866	(D)	(D)	(D)	(D)
	1958	16,648	82,716	15,697	76,773	951	5,943
	1954	17,534	77,270	17,052	72,643	482	4,627
Tampa-St. Petersburg, Fla.....	1963	36,690	189,104	36,323	186,197	367	2,907
	1958	32,219	121,922	31,482	117,423	737	4,499
	1954	22,907	70,924	22,873	70,750	34	174
Terre Haute, Ind.....	1963	11,542	60,652	(D)	(D)	(D)	(D)
	1958	12,313	55,244	12,262	54,993	51	251
	1954	14,032	55,363	13,996	55,219	436	4,144
Texarkana, Tex.-Ark.....	1963	5,640	25,875	5,640	25,875	-	-
	1958	3,034	10,605	3,034	10,605	-	-
	1954	4,643	15,038	4,643	15,038	-	-
Toledo, Ohio-Mich.....	1963	70,744	486,013	65,306	435,767	5,438	50,246
	1958	70,838	410,009	66,635	375,994	4,203	34,015
	1954	78,550	391,626	75,130	369,218	4,420	42,408
Topeka, Kans.....	1963	6,588	40,254	6,488	39,497	100	757
	1958	6,185	30,464	6,002	29,642	183	822
	1954	6,174	24,060	6,010	23,711	164	349
Trenton, N.J.....	1963	37,789	244,494	33,939	210,594	3,850	33,900
	1958	36,232	182,938	35,077	173,198	1,155	9,740
	1954	39,517	165,971	38,289	157,238	1,228	8,733
Tucson, Ariz.....	1963	8,263	50,777	8,263	50,777	-	-
	1958	8,152	44,862	8,102	44,552	50	310
	1954	4,548	20,134	4,548	20,134	-	-
Tulsa, Okla.....	1963	29,879	174,058	27,708	158,695	2,171	15,363
	1958	33,191	171,624	30,703	157,281	2,488	14,343
	1954	32,809	141,229	31,314	132,959	1,495	8,270
Tuscaloosa, Ala.....	1963	7,763	39,475	7,763	39,475	-	-
	1958	7,878	34,721	7,878	34,721	-	-
	1954	8,148	30,099	8,148	30,099	-	-
Tyler, Tex.....	1963	7,243	34,111	7,243	34,111	-	-
	1958	5,576	22,529	(D)	(D)	(D)	(D)
	1954	(NA)	(NA)	3,726	12,520	(NA)	(NA)

See footnotes at end of table.

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Geographic area	Year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries ¹	
		Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)	Employees (number)	Payroll (\$1,000)
STANDARD METROPOLITAN STATISTICAL AREAS ² —Continued							
Utica-Rome, N.Y.....	1963	38,474	218,709	38,182	216,030	292	2,679
	1958	40,562	194,838	40,251	192,756	311	2,082
	1954	43,125	169,169	42,941	168,193	184	976
Vallejo-Napa, Calif.....	1963	4,489	26,279	(D)	(D)	(D)	(D)
	1958	4,458	22,150	4,205	20,295	253	1,855
	1954	(NA)	(NA)	3,636	14,733	(NA)	(NA)
Waco, Tex.....	1963	9,470	47,852	(D)	(D)	(D)	(D)
	1958	8,843	36,449	8,723	35,806	120	643
	1954	7,846	27,257	7,715	26,521	131	736
Washington, D.C.- Md.-Va.....	1963	50,090	324,319	46,982	291,275	3,108	33,044
	1958	34,715	177,692	34,046	172,108	669	5,584
	1954	30,715	133,465	30,373	131,088	342	2,377
Waterbury, Conn.....	1963	37,687	222,848	(D)	(D)	(D)	(D)
	1958	37,411	189,763	36,641	183,772	770	5,991
	1954	(³)	(³)	(³)	(³)	(³)	(³)
Waterloo, Iowa.....	1963	18,265	118,966	(D)	(D)	(D)	(D)
	1958	18,027	97,522	18,023	97,506	4	16
	1954	16,656	72,951	16,652	72,904	4	47
West Palm Beach, Fla.....	1963	11,869	73,299	(D)	(D)	(D)	(D)
	1958	3,420	14,372	3,420	14,372	-	-
	1954	(NA)	(NA)	2,080	6,891	(NA)	(NA)
Wheeling, W. Va.-Ohio.....	1963	15,599	92,871	(D)	(D)	(D)	(D)
	1958	17,158	85,269	16,334	78,812	824	6,457
	1954	18,787	72,068	17,834	66,263	953	5,805
Wichita, Kans.....	1963	43,321	286,600	42,150	278,602	1,171	7,998
	1958	54,494	290,669	53,980	288,179	514	2,490
	1954	54,865	245,592	54,795	245,033	470	4,559
Wichita Falls, Tex.....	1963	3,185	14,861	(D)	(D)	(D)	(D)
	1958 ³	3,293	13,541	3,249	13,313	44	228
	1954 ³	3,026	11,073	3,015	11,012	11	61
Wilkes-Barre-Hazleton, Pa.....	1963	43,754	164,840	43,530	163,623	224	1,217
	1958	38,673	122,778	38,542	122,309	131	469
	1954	36,980	97,764	36,902	97,448	78	316
Wilmington, Del.-N.J.-Md.....	1963	59,449	468,552	42,312	283,492	17,137	185,060
	1958	58,709	380,788	41,379	225,010	17,330	155,778
	1954	56,143	297,026	40,973	180,031	415,170	416,995
Winston-Salem, N.C.....	1963	37,116	186,781	(D)	(D)	(D)	(D)
	1958	35,568	150,769	33,336	134,937	2,232	15,832
	1954	31,771	107,369	29,930	96,515	1,841	10,854
Worcester, Mass.....	1963	47,560	266,892	(D)	(D)	(D)	(D)
	1958	51,124	241,978	51,079	241,594	45	384
	1954	(³)	(³)	(³)	(³)	(³)	(³)
York, Pa.....	1963	48,750	224,123	48,418	221,039	332	3,084
	1958	48,882	194,957	48,770	194,303	112	654
	1954	50,845	176,421	50,845	176,421	-	-
Youngstown-Warren, Ohio.....	1963	69,084	477,425	68,023	467,900	1,061	9,525
	1958	76,437	427,332	75,691	421,309	746	6,023
	1954	86,780	394,416	86,255	391,134	525	3,282

Note: See Introduction for explanation of terms used.

The totals at the State and U.S. level were derived from separate tabulations based on industry rather than State detail. The sum of the State detail does not add to the U.S. totals because of (1) independent rounding, and (2) independent correction to the industry tabulations and State tabulations.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The 1963, 1958, and 1954 data for central administrative offices and auxiliaries are not strictly comparable for the following reasons: (1) better total coverage was achieved in the 1963 and 1958 Censuses in identifying and obtaining separate establishment reports for such activities; (2) the individual 1954 major industry group totals reflect the former Standard Industrial Classification system (of 1945) used in the 1954 Census, while the 1958 and 1963 figures reflect the revised SIC system (of 1957 as amended to date) used in classifying such establishments.

²The definitions of the standard metropolitan statistical areas are shown in appendix F.

³Comparable data for 1954 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1958 and 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.

Footnotes for Table 6—Continued

**TABLE 6. Manufacturing Employment and Payroll for Geographic Areas:
1963, 1958, and 1954--Continued**

Footnotes for Table 6--Continued

⁴For the SMSA's listed in the table below (whose definitions were revised for 1963) the 1954 data for central administrative office and auxiliary do not include establishments located in specified counties. County data for 1954 for these units were not available.

Standard metropolitan statistical area	County
Akron, Ohio.....	Portage
Binghamton, N.Y.-Pa.	Tioga in New York and Susquehanna in Pennsylvania
Charleston, S.E.....	Berkeley
Charlotte, N.C.....	Union
Cincinnati, Ohio.....	Clermont and Warren in Ohio, Boone in Kentucky, and Dearborn in Indiana
Cleveland, Ohio.....	Geauga and Madina
Columbus, Ohio.....	Delaware and Pickaway
Davenport-Rock Island-Moline, Iowa-Ill.....	Henry in Illinois
Dayton, Ohio.....	Preble
Evansville, Ind.-Ky.....	Warwick in Indiana
Flint, Mich.....	Lapeer
Grand Rapids, Mich.....	Ottawa
Greenville, S.C.....	Pickens
Harrisburg, Pa.....	Perry
Houston, Texas.....	Brazoria, Fort Bend, Liberty, and Montgomery
Indianapolis, Ind.....	Hamilton, Hancock, Hendricks, Johnson, Morgan, and Shelby
Jackson, Miss.....	Rankin
Kansas City, Mo.-Kans.....	Cass and Platte in Missouri
Memphis, Tenn.-Ark.....	Crittenden in Arkansas
Milwaukee, Wisc.....	Ozaukee
Mobile, Ala.....	Baldwin
Nashville, Tenn.....	Sumner and Wilson
New Orleans, La.....	St. Tammany Parrish
Peoria, Ill.....	Woodford
Richmond, Va.....	Hanover
Rochester, N.Y.....	Livingston, Orleans, and Wayne
Sacramento, Calif.....	Placer and Yolo
St. Louis, Mo.-Ill.....	Franklin in Missouri
Salt Lake City, Utah.....	Davis
San Antonio, Tex.....	Guadalupe
Sioux City, Iowa-Nebr.....	Dakota in Nebraska
Terre Haute, Ind.....	Clay, Sullivan, and Vermillion
Toledo, Ohio-Mich.....	Wood in Ohio and Monroe in Michigan
Wichita, Kans.....	Butler
Wilmington, Del.-N.J.-Md.....	Cecil in Maryland

⁵1954 employment and payroll data for administrative offices and auxiliary units located in the Anaheim-Santa Ana-Garden Grove, Calif. SMSA, are included in the data shown for the Los Angeles, Calif. SMSA.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958-100)
United States:												
1963.....	311,921	102,272	16,960,983	99,904,279	12,232,041	24,509,450	62,093,601	192,103,102	11,370,935	(X)	(X)	106
1958.....	303,387	97,563	16,025,219	78,348,893	11,681,143	22,679,219	49,605,180	141,540,618	9,543,528	(X)	(X)	100
1954.....	286,814	90,470	16,098,653	65,866,573	12,372,002	24,334,082	44,590,545	117,032,326	7,816,752	(X)	(X)	100
1947.....	240,807	(NA)	14,293,963	39,695,558	11,917,884	24,316,465	30,243,971	74,290,475	5,998,099	(X)	(X)	89
1939.....	173,802	(NA)	9,527,306	12,706,102	7,808,205	(NA)	8,997,515	24,487,304	(NA)	(X)	(X)	59
1929.....	206,663	(NA)	9,659,742	14,284,282	8,369,705	(NA)	10,884,919	30,591,435	(NA)	(X)	(X)	60
1919.....	270,231	(NA)	9,836,801	12,426,902	8,464,916	(NA)	9,664,009	23,841,624	(NA)	(X)	(X)	61
1909.....	264,810	(NA)	7,012,066	4,105,470	6,261,736	(NA)	3,205,213	8,160,075	(NA)	(X)	(X)	44
1899.....	204,754	(NA)	4,850,019	2,258,654	4,501,919	(NA)	1,892,574	4,646,981	(NA)	(X)	(X)	30
DIVISION AND STATE												
New England:												
1963.....	24,650	8,677	1,425,148	7,815,096	1,043,099	2,084,757	4,889,395	13,589,313	639,328	8.40	102	106
1958.....	24,880	8,508	1,399,515	6,297,729	1,048,771	2,053,072	4,099,202	10,439,964	534,141	8.73	100	100
1954.....	24,625	8,380	1,448,467	5,453,854	1,154,079	2,272,287	3,858,697	9,128,278	424,263	8.99	103	100
1947.....	20,256	(NA)	1,475,162	3,940,122	1,248,839	(NA)	3,054,437	6,798,114	418,580	10.32	105	89
1939.....	15,201	(NA)	1,121,152	1,402,144	947,412	(NA)	1,018,683	2,413,968	(NA)	11.77	80	59
1929.....	18,272	(NA)	1,245,868	1,732,777	1,098,514	(NA)	1,346,391	3,239,798	(NA)	12.90	89	60
1919.....	24,552	(NA)	1,509,093	1,765,285	1,347,531	(NA)	1,431,687	3,221,328	(NA)	15.34	108	61
1909.....	25,351	(NA)	1,187,987	669,914	1,101,290	(NA)	557,630	1,193,767	(NA)	16.94	85	44
1899.....	22,576	(NA)	897,305	421,070	851,903	(NA)	367,675	756,311	(NA)	18.50	64	30
Maine:												
1963.....	2,535	595	99,926	438,592	84,100	170,056	335,105	785,730	62,489	0.59	102	106
1958.....	2,755	579	98,262	377,186	83,670	166,222	285,216	628,325	44,329	0.61	100	100
1954.....	3,015	627	104,507	325,048	91,092	180,691	260,047	565,260	58,935	0.64	106	100
1947.....	1,633	(NA)	100,118	233,851	90,323	(NA)	199,085	429,540	(NA)	0.70	102	89
1939.....	1,118	(NA)	82,184	83,479	74,040	(NA)	67,340	150,588	(NA)	0.86	84	59
1929.....	1,568	(NA)	76,799	90,300	70,159	(NA)	74,200	174,385	(NA)	0.80	78	60
1919.....	2,834	(NA)	96,082	111,203	88,251	(NA)	93,761	201,444	(NA)	0.98	98	61
1909.....	3,546	(NA)	84,815	43,429	79,955	(NA)	37,632	78,928	(NA)	1.21	86	44
1899.....	2,878	(NA)	73,017	28,781	69,914	(NA)	25,731	51,749	(NA)	1.51	74	30
New Hampshire:												
1963.....	1,509	546	84,107	378,888	68,610	135,115	271,790	636,088	30,288	0.50	106	106
1958.....	1,457	494	79,469	297,094	65,588	128,144	221,083	490,709	24,365	0.50	100	100
1954.....	1,609	497	77,332	246,719	65,987	128,465	190,760	408,826	18,492	0.49	97	100
1947.....	1,124	478	74,752	177,479	66,448	136,119	145,324	306,932	24,010	0.52	94	89
1939.....	772	(NA)	61,224	65,154	55,434	(NA)	52,394	104,153	(NA)	0.64	77	59
1929.....	1,075	(NA)	71,233	85,264	65,511	(NA)	70,514	147,132	(NA)	0.74	90	60
1919.....	1,451	(NA)	88,726	92,330	82,917	(NA)	79,136	167,329	(NA)	0.90	112	61
1909.....	1,961	(NA)	82,177	40,391	78,658	(NA)	36,200	66,424	(NA)	1.17	103	44
1899.....	1,771	(NA)	69,714	28,049	67,646	(NA)	25,850	47,427	(NA)	1.44	88	30
Vermont:												
1963.....	978	267	33,740	168,006	25,681	52,364	113,390	309,253	15,678	0.20	104	106
1958.....	1,040	277	32,495	132,466	25,397	50,252	92,129	235,898	11,598	0.20	100	100
1954.....	1,071	296	36,112	123,577	29,929	59,328	92,962	222,965	8,876	0.22	111	100
1947.....	831	(NA)	34,886	83,050	30,252	(NA)	66,428	149,715	(NA)	0.24	107	89
1939.....	659	(NA)	24,084	27,422	20,498	(NA)	19,940	49,741	(NA)	0.25	74	59
1929.....	927	(NA)	30,540	41,946	27,421	(NA)	33,810	77,260	(NA)	0.32	94	60
1919.....	1,702	(NA)	36,709	41,069	33,194	(NA)	33,758	71,788	(NA)	0.37	113	61
1909.....	1,958	(NA)	36,467	20,075	33,788	(NA)	17,272	33,487	(NA)	0.52	112	44
1899.....	1,938	(NA)	29,874	13,037	28,179	(NA)	11,427	25,130	(NA)	0.62	92	30
Massachusetts:												
1963.....	11,311	4,351	674,023	3,712,418	480,736	948,262	2,234,635	6,403,789	272,983	3.97	99	106
1958.....	11,565	4,377	680,581	3,070,829	498,103	968,683	1,932,012	5,128,522	228,513	4.24	100	100
1954.....	11,205	4,229	685,441	2,575,649	536,456	1,047,412	1,769,102	4,356,462	180,698	4.25	101	100
1947.....	10,509	(NA)	718,069	1,920,718	601,370	(NA)	1,463,144	3,356,311	(NA)	5.02	106	89
1939.....	8,444	(NA)	549,550	702,487	458,372	(NA)	498,177	1,181,465	(NA)	5.77	81	59
1929.....	9,872	(NA)	639,164	910,023	557,494	(NA)	694,805	1,710,729	(NA)	6.62	94	60
1919.....	11,627	(NA)	801,260	947,768	712,254	(NA)	764,579	1,746,539	(NA)	8.15	118	61
1909.....	11,684	(NA)	633,205	364,452	584,559	(NA)	301,173	659,764	(NA)	9.03	93	44
1899.....	10,929	(NA)	463,490	224,758	438,234	(NA)	195,278	408,971	(NA)	9.56	68	30
Rhode Island:												
1963.....	2,710	868	113,940	533,416	89,990	177,224	365,329	958,575	43,107	0.67	100	106
1958.....	2,737	907	114,511	453,098	91,393	175,924	314,338	756,187	29,895	0.71	100	100
1954.....	2,635	867	125,041	431,889	103,800	204,383	314,467	697,279	27,671	0.77	108	100
1947.....	2,213	(NA)	147,382	375,676	128,579	(NA)	298,482	658,905	(NA)	1.03	129	89
1939.....	1,399	(NA)	122,671	141,262	106,089	(NA)	105,216	237,698	(NA)	1.29	107	59
1929.....	1,701	(NA)	140,116	182,899	126,068	(NA)	144,197	324,078	(NA)	1.45	122	60
1919.....	2,367	(NA)	153,499	168,068	139,316	(NA)	137,105	330,590	(NA)	1.56	134	61
1909.....	1,951	(NA)	120,920	65,811	113,538	(NA)	55,234	122,152	(NA)	1.72	106	44
1899.....	1,678	(NA)	92,219	41,296	88,197	(NA)	35,995	77,599	(NA)	1.90	81	30

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expendi- tures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employ- ment	Index of employ- ment change	U.S. index of employ- ment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(percent)	(1958-100)	(1958-100)
DIVISION AND STATE-- Continued												
New England--Continued												
Connecticut:												
1963.....	5,607	2,050	419,412	2,583,776	293,982	601,736	1,569,146	4,495,878	214,783	2.47	106	106
1958.....	5,326	1,874	394,197	1,967,056	284,620	563,847	1,254,424	3,200,323	195,441	2.45	100	100
1954.....	5,090	1,864	420,034	1,750,972	326,815	652,008	1,231,359	2,877,486	129,591	2.60	107	100
1947.....	3,946	(NA)	399,955	1,149,348	331,867	(NA)	881,974	1,896,711	(NA)	2.80	102	89
1939.....	2,809	(NA)	281,439	382,340	232,979	(NA)	275,616	690,323	(NA)	2.95	71	59
1929.....	3,129	(NA)	288,016	422,345	251,861	(NA)	328,865	806,214	(NA)	2.98	73	60
1919.....	4,571	(NA)	332,817	404,847	291,599	(NA)	323,348	703,638	(NA)	3.38	84	61
1909.....	4,251	(NA)	230,403	135,756	210,792	(NA)	110,119	233,012	(NA)	3.28	58	44
1899.....	3,382	(NA)	168,991	85,149	159,733	(NA)	73,394	145,435	(NA)	3.48	43	30
Middle Atlantic:												
1963.....	81,707	28,526	4,075,173	24,419,747	2,849,588	5,578,930	14,295,450	43,560,055	2,086,242	24.03	99	106
1958.....	82,997	27,729	4,112,522	20,470,339	2,901,540	5,548,703	12,285,361	34,813,891	2,058,255	25.66	100	100
1954.....	82,380	27,535	4,284,266	17,855,231	3,212,477	6,217,338	11,524,924	30,402,665	1,551,088	26.61	104	100
1947.....	75,341	(NA)	3,953,870	11,419,701	3,248,732	(NA)	8,524,628	20,767,991	1,335,235	27.66	96	89
1939.....	53,226	(NA)	2,757,909	3,859,853	2,234,295	(NA)	2,668,489	7,308,780	(NA)	28.95	67	59
1929.....	64,730	(NA)	3,002,843	4,853,031	2,562,340	(NA)	3,640,419	10,175,956	(NA)	31.09	73	60
1919.....	85,509	(NA)	3,348,567	4,463,569	2,859,604	(NA)	3,447,834	8,399,615	(NA)	34.04	81	61
1909.....	81,315	(NA)	2,491,161	1,527,833	2,207,747	(NA)	1,182,568	2,982,264	(NA)	35.53	61	44
1899.....	65,834	(NA)	1,732,170	871,309	1,604,844	(NA)	729,366	1,763,315	(NA)	35.71	42	30
New York:												
1963.....	47,040	15,017	1,853,050	11,289,860	1,247,860	2,431,384	6,163,719	19,559,120	783,556	10.92	97	106
1958.....	49,441	15,000	1,915,546	9,627,723	1,303,126	2,487,134	5,423,559	15,891,767	792,201	11.95	100	100
1954.....	50,402	15,156	2,000,717	8,444,256	1,470,137	2,842,598	5,231,858	14,140,524	572,125	12.42	104	100
1947.....	47,782	(NA)	1,773,138	5,277,656	1,425,033	(NA)	3,821,492	9,655,859	(NA)	12.40	93	89
1939.....	32,672	(NA)	1,211,010	1,749,676	949,362	(NA)	1,151,820	3,313,649	(NA)	12.71	63	59
1929.....	39,395	(NA)	1,331,357	2,294,882	1,105,966	(NA)	1,650,379	4,973,920	(NA)	13.78	70	60
1919.....	48,331	(NA)	1,467,443	1,961,398	1,221,933	(NA)	1,450,119	3,908,864	(NA)	14.92	77	61
1909.....	44,935	(NA)	1,155,672	743,263	1,003,981	(NA)	557,231	1,512,586	(NA)	16.48	60	44
1899.....	35,957	(NA)	794,939	414,064	726,909	(NA)	337,324	853,454	(NA)	16.39	41	30
New Jersey:												
1963.....	15,208	5,528	829,201	5,121,254	573,754	1,145,410	3,021,004	9,957,333	525,006	4.89	104	106
1958.....	14,219	4,994	794,992	4,066,481	564,227	1,100,953	2,508,089	7,499,513	449,734	4.96	100	100
1954.....	13,183	4,748	812,445	3,507,089	605,099	1,187,747	2,280,134	6,331,655	359,816	5.04	102	100
1947.....	10,765	(NA)	739,035	2,216,874	602,304	(NA)	1,645,489	4,186,077	(NA)	5.17	93	89
1939.....	7,438	(NA)	531,126	753,941	431,562	(NA)	519,087	1,518,269	(NA)	5.57	67	59
1929.....	8,388	(NA)	516,576	808,862	442,328	(NA)	610,596	1,771,430	(NA)	5.34	65	60
1919.....	10,564	(NA)	590,920	769,258	507,059	(NA)	598,514	1,397,775	(NA)	6.00	74	61
1909.....	8,817	(NA)	363,061	218,046	326,223	(NA)	169,710	425,496	(NA)	5.17	46	44
1899.....	6,415	(NA)	229,336	114,223	213,975	(NA)	95,165	218,280	(NA)	4.73	29	30
Pennsylvania:												
1963.....	19,459	7,981	1,392,922	8,008,633	1,027,974	2,002,136	5,110,727	14,043,602	777,680	8.21	99	106
1958.....	19,337	7,735	1,401,984	6,776,135	1,034,187	1,960,616	4,353,713	11,422,611	816,320	8.74	100	100
1954.....	18,795	7,631	1,471,104	5,903,886	1,137,241	2,186,993	4,012,932	9,930,486	619,147	9.14	105	100
1947.....	16,794	(NA)	1,441,697	3,925,171	1,221,395	(NA)	3,057,647	6,926,055	(NA)	10.09	103	89
1939.....	13,116	(NA)	1,015,773	1,356,236	853,371	(NA)	997,582	2,476,862	(NA)	10.66	72	59
1929.....	16,947	(NA)	1,154,910	1,749,287	1,014,046	(NA)	1,379,444	3,430,606	(NA)	11.96	82	60
1919.....	26,614	(NA)	1,290,204	1,732,913	1,130,612	(NA)	1,399,201	3,092,976	(NA)	13.12	92	61
1909.....	27,563	(NA)	972,428	566,524	877,543	(NA)	455,627	1,044,182	(NA)	13.87	69	44
1899.....	23,462	(NA)	707,895	343,022	663,960	(NA)	296,877	691,581	(NA)	14.60	50	30
East North Central:												
1963.....	63,092	22,320	4,483,054	29,207,670	3,233,923	6,615,378	18,882,672	56,326,662	3,221,068	26.43	105	106
1958.....	61,769	20,885	4,261,428	22,992,178	3,028,034	5,924,355	14,541,759	40,961,847	2,710,816	26.59	100	100
1954.....	58,946	20,495	4,598,257	20,893,191	3,489,179	6,958,163	14,262,278	36,491,375	2,653,889	28.56	108	100
1947.....	50,569	(NA)	4,322,812	13,019,837	3,567,816	(NA)	9,940,544	23,474,183	1,863,548	30.24	101	89
1939.....	38,013	(NA)	2,692,815	4,092,078	2,180,600	(NA)	2,932,440	7,744,406	(NA)	28.26	63	59
1929.....	46,396	(NA)	2,949,356	4,841,271	2,542,176	(NA)	3,738,803	9,973,491	(NA)	30.53	69	60
1919.....	58,717	(NA)	2,834,606	3,849,389	2,387,477	(NA)	2,981,205	7,093,838	(NA)	28.81	66	61
1909.....	60,013	(NA)	1,729,537	1,077,650	1,513,764	(NA)	827,153	2,177,230	(NA)	24.67	41	44
1899.....	50,521	(NA)	1,176,672	574,539	1,073,322	(NA)	473,040	1,205,478	(NA)	24.26	28	30
Ohio:												
1963.....	15,483	5,796	1,239,515	8,123,609	885,675	1,799,730	5,257,176	15,506,118	847,801	7.31	103	106
1958.....	15,203	5,534	1,201,031	6,522,547	856,457	1,658,460	4,170,233	11,472,503	795,773	7.49	100	100
1954.....	14,550	5,479	1,292,195	5,820,988	985,697	1,946,766	4,015,298	10,154,385	760,913	8.02	108	100
1947.....	12,302	(NA)	1,194,263	3,559,540	988,110	(NA)	2,726,991	6,357,957	(NA)	8.36	99	89
1939.....	9,543	(NA)	731,742	1,120,831	595,520	(NA)	809,399	2,116,434	(NA)	7.68	61	59
1929.....	11,855	(NA)	853,385	1,404,180	741,143	(NA)	1,102,166	2,889,804	(NA)	8.83	71	60
1919.....	15,585	(NA)	867,255	1,214,552	728,303	(NA)	941,340	2,182,610	(NA)	8.82	72	61
1909.....	15,138	(NA)	508,285	317,597	446,934	(NA)	245,450	613,734	(NA)	7.25	42	44
1899.....	13,868	(NA)	336,218	164,579	308,109	(NA)	136,428	339,368	(NA)	6.93	28	30

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expendi- tures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employ- ment	Index of employ- ment change	U.S. index of employ- ment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(\$1,000)	(percent)	(1958=100)	(1958=100)
DIVISION AND STATE--Continued												
East North Central--Continued												
Indiana:												
1963.....	6,860	2,547	609,840	3,794,289	463,102	937,168	2,622,091	7,726,942	555,247	3.60	111	106
1958.....	6,612	2,444	551,048	2,874,730	407,496	795,956	1,912,847	5,502,123	515,295	3.44	100	100
1954.....	6,355	2,344	588,408	2,533,375	458,894	904,092	1,798,844	4,631,972	301,479	3.65	106	100
1947.....	5,403	(NA)	548,260	1,582,837	457,544	(NA)	1,232,189	2,969,961	(NA)	3.83	99	89
1939.....	4,192	(NA)	337,869	474,099	275,272	(NA)	342,652	964,746	(NA)	3.55	61	59
1929.....	5,091	(NA)	359,888	534,186	314,698	(NA)	418,771	1,136,463	(NA)	3.73	65	60
1919.....	7,558	(NA)	332,362	400,942	276,695	(NA)	315,976	721,736	(NA)	3.38	60	61
1909.....	7,969	(NA)	210,589	121,816	186,984	(NA)	95,511	244,700	(NA)	3.00	38	44
1899.....	7,128	(NA)	149,464	69,251	139,017	(NA)	59,280	141,909	(NA)	3.08	27	30
Illinois:												
1963.....	18,592	6,973	1,210,802	7,557,979	855,820	1,716,812	4,655,057	14,640,121	775,542	7.14	102	106
1958.....	18,468	6,586	1,189,914	6,224,830	835,233	1,631,757	3,833,476	11,664,070	730,728	7.42	100	100
1954.....	17,628	6,377	1,222,428	5,420,867	902,967	1,787,663	3,518,602	9,663,848	551,669	7.59	103	100
1947.....	15,993	(NA)	1,186,134	3,589,364	955,057	(NA)	2,628,615	6,683,083	(NA)	5.27	100	89
1939.....	11,983	(NA)	752,728	1,107,625	590,995	(NA)	742,451	2,187,240	(NA)	8.68	63	59
1929.....	15,333	(NA)	827,507	1,393,592	691,555	(NA)	1,024,870	2,930,038	(NA)	7.65	70	60
1919.....	17,808	(NA)	785,859	1,070,992	649,994	(NA)	797,081	1,929,125	(NA)	8.00	67	61
1909.....	18,026	(NA)	543,687	364,758	465,764	(NA)	273,319	758,350	(NA)	7.75	46	44
1899.....	14,374	(NA)	373,835	199,653	332,871	(NA)	159,104	439,418	(NA)	7.71	32	30
Michigan:												
1963.....	14,220	4,537	961,090	6,950,677	690,795	1,473,850	4,520,975	13,090,328	761,813	5.67	109	106
1958.....	13,596	3,990	880,014	5,161,162	608,856	1,204,072	3,184,797	8,363,614	465,273	5.49	100	100
1954.....	12,711	4,001	1,056,011	5,248,902	809,316	1,650,338	3,660,965	8,707,194	870,465	6.56	120	100
1947.....	9,891	(NA)	975,481	3,097,336	823,255	(NA)	2,444,552	5,200,135	(NA)	6.82	111	89
1939.....	5,961	(NA)	618,702	1,024,965	520,165	(NA)	788,036	1,794,016	(NA)	6.49	70	59
1929.....	6,686	(NA)	599,179	1,041,789	530,035	(NA)	840,505	2,067,344	(NA)	6.20	68	60
1919.....	8,046	(NA)	541,175	787,241	470,274	(NA)	638,420	1,544,581	(NA)	5.50	61	61
1909.....	9,159	(NA)	262,106	153,838	231,499	(NA)	118,968	316,497	(NA)	3.74	30	44
1899.....	7,310	(NA)	169,150	74,868	155,800	(NA)	62,532	143,726	(NA)	3.49	19	30
Wisconsin:												
1963.....	7,937	2,467	461,807	2,781,116	338,531	687,818	1,827,373	5,363,153	280,665	2.72	105	106
1958.....	7,890	2,331	439,421	2,208,909	319,992	634,110	1,440,406	3,959,537	203,747	2.74	100	100
1954.....	7,702	2,294	439,215	1,869,059	332,305	669,304	1,268,569	3,333,976	169,363	2.73	100	100
1947.....	6,980	(NA)	418,674	1,190,760	343,850	(NA)	908,197	2,263,047	(NA)	2.93	95	89
1939.....	6,334	(NA)	251,774	364,558	198,648	(NA)	249,902	681,970	(NA)	2.64	57	59
1929.....	7,431	(NA)	309,397	467,524	264,745	(NA)	352,491	949,842	(NA)	3.20	70	60
1919.....	9,720	(NA)	307,955	375,662	262,211	(NA)	288,388	715,786	(NA)	3.13	70	61
1909.....	9,721	(NA)	204,870	119,641	182,583	(NA)	93,905	243,949	(NA)	2.92	47	44
1899.....	7,841	(NA)	148,005	66,188	137,525	(NA)	55,696	141,057	(NA)	3.05	34	30
West North Central:												
1963.....	20,668	6,257	1,014,295	5,894,588	714,303	1,438,382	3,673,671	11,808,611	664,882	5.98	105	106
1958.....	20,406	5,836	964,104	4,615,458	685,261	1,342,576	2,913,709	8,869,724	560,909	6.01	100	100
1954.....	19,020	5,483	962,040	3,854,696	713,218	1,426,485	2,573,275	7,113,932	389,111	5.97	100	100
1947.....	17,389	(NA)	786,147	2,069,657	635,455	(NA)	1,507,209	4,115,706	340,462	5.50	82	89
1939.....	14,066	(NA)	490,651	642,705	376,156	(NA)	420,581	1,348,167	(NA)	5.15	51	59
1929.....	17,792	(NA)	567,160	804,673	474,115	(NA)	589,162	1,869,991	(NA)	5.87	59	60
1919.....	26,255	(NA)	603,866	734,649	492,054	(NA)	536,304	1,387,774	(NA)	6.14	63	61
1909.....	27,171	(NA)	437,777	274,298	374,337	(NA)	204,793	562,044	(NA)	6.24	45	44
1899.....	20,732	(NA)	296,657	146,336	266,051	(NA)	117,208	325,404	(NA)	6.12	31	30
Minnesota:												
1963.....	5,500	1,587	245,931	1,478,639	165,570	331,649	865,416	2,806,116	159,061	1.44	111	106
1958.....	5,380	1,433	220,788	1,094,805	149,563	293,859	654,942	2,050,405	108,619	1.38	100	100
1954.....	5,027	1,316	208,506	865,254	151,132	305,345	560,492	1,594,505	82,188	1.29	94	100
1947.....	4,563	(NA)	181,514	508,352	145,020	(NA)	358,605	1,021,274	(NA)	1.27	80	89
1939.....	3,735	(NA)	102,179	143,397	78,023	(NA)	95,273	306,840	(NA)	1.07	46	59
1929.....	4,315	(NA)	124,231	180,142	103,414	(NA)	132,418	404,995	(NA)	1.28	56	60
1919.....	5,633	(NA)	140,414	169,843	113,781	(NA)	124,811	327,921	(NA)	1.43	64	61
1909.....	5,561	(NA)	99,030	62,923	84,767	(NA)	47,471	127,797	(NA)	1.41	45	44
1899.....	4,096	(NA)	71,182	35,093	64,557	(NA)	29,029	73,394	(NA)	1.47	32	30
Iowa:												
1963.....	3,496	982	178,199	1,046,675	126,871	256,357	687,022	2,287,001	126,952	1.05	107	106
1958.....	3,596	945	166,126	812,475	120,663	240,999	537,704	1,684,269	103,193	1.04	100	100
1954.....	3,320	881	163,669	648,361	122,763	248,683	443,615	1,235,965	73,410	1.02	99	100
1947.....	2,963	(NA)	140,397	372,285	112,467	(NA)	275,411	671,008	(NA)	0.98	85	89
1939.....	2,541	(NA)	88,054	114,087	64,773	(NA)	72,889	243,390	(NA)	0.92	53	59
1929.....	3,317	(NA)	97,414	137,243	81,678	(NA)	102,327	323,820	(NA)	1.01	59	60
1919.....	5,104	(NA)	98,470	122,168	79,196	(NA)	88,381	221,757	(NA)	1.00	59	61
1909.....	5,528	(NA)	73,037	43,514	61,635	(NA)	32,542	88,531	(NA)	1.04	44	44
1899.....	4,828	(NA)	49,579	22,253	44,420	(NA)	18,021	47,092	(NA)	1.02	30	30

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958=100)
DIVISION AND STATE--Continued												
West North Central--Continued												
Missouri:												
1963.....	6,540	2,325	391,254	2,235,175	276,158	547,769	1,361,671	4,296,036	211,060	2.31	103	106
1958.....	6,588	2,215	380,497	1,771,096	271,463	519,349	1,088,712	3,250,817	185,879	2.37	100	100
1954.....	6,198	2,179	381,873	1,496,742	285,378	552,691	977,327	2,727,266	124,394	2.37	97	100
1947.....	5,721	(NA)	327,114	826,179	269,394	(NA)	606,825	1,620,887	(NA)	2.29	86	89
1939.....	4,487	(NA)	220,269	280,667	175,983	(NA)	187,514	581,804	(NA)	2.31	58	59
1929.....	5,765	(NA)	240,602	332,278	202,879	(NA)	240,369	777,497	(NA)	2.49	63	60
1919.....	8,175	(NA)	235,772	273,722	193,754	(NA)	194,927	534,616	(NA)	2.40	62	61
1909.....	8,375	(NA)	177,479	109,837	152,993	(NA)	80,843	219,700	(NA)	2.53	47	44
1899.....	6,853	(NA)	120,178	60,009	107,704	(NA)	46,714	132,115	(NA)	2.48	32	30
North Dakota:												
1963.....	459	78	6,507	31,483	4,471	9,117	19,833	72,445	8,064	0.04	103	106
1958.....	405	79	6,335	26,247	4,398	8,846	16,999	62,643	9,142	0.04	100	100
1954.....	367	65	5,613	19,228	3,913	8,323	12,517	34,991	16,244	0.03	89	100
1947.....	361	(NA)	5,209	12,321	3,817	(NA)	8,476	29,431	(NA)	0.04	82	89
1939.....	342	(NA)	4,075	4,968	2,605	(NA)	2,737	10,984	(NA)	0.04	64	59
1929.....	373	(NA)	5,017	7,762	4,024	(NA)	5,687	15,637	(NA)	0.05	79	60
1919.....	755	(NA)	5,033	6,424	4,169	(NA)	5,033	12,198	(NA)	0.05	79	61
1909.....	752	(NA)	3,425	2,416	2,789	(NA)	1,787	5,464	(NA)	0.05	54	44
1899.....	337	(NA)	1,510	801	1,358	(NA)	671	2,109	(NA)	0.03	24	30
South Dakota:												
1963.....	587	115	13,234	70,133	9,649	19,895	48,016	140,042	7,339	0.08	103	106
1958.....	575	109	12,901	54,786	9,631	18,608	37,452	114,256	5,211	0.08	100	100
1954.....	546	92	11,543	41,128	8,414	17,990	27,977	77,692	3,444	0.07	89	100
1947.....	494	87	10,265	25,796	8,062	17,700	19,193	51,398	3,371	0.07	80	89
1939.....	450	(NA)	7,327	9,036	5,421	(NA)	5,905	19,619	(NA)	0.08	57	59
1929.....	615	(NA)	7,803	10,691	6,535	(NA)	8,132	22,681	(NA)	0.08	60	60
1919.....	1,054	(NA)	6,774	8,773	5,588	(NA)	6,751	17,070	(NA)	0.07	53	61
1909.....	1,020	(NA)	4,284	2,914	3,602	(NA)	2,298	6,394	(NA)	0.06	33	44
1899.....	624	(NA)	2,512	1,305	2,224	(NA)	1,130	3,046	(NA)	0.05	19	30
Nebraska:												
1963.....	1,611	474	64,882	348,034	46,985	96,724	228,484	746,597	46,084	0.38	110	106
1958.....	1,553	412	58,627	265,223	42,902	86,972	174,196	536,317	49,906	0.37	100	100
1954.....	1,423	378	59,404	223,500	43,431	90,351	150,728	394,222	36,414	0.37	101	100
1947.....	1,341	(NA)	47,014	119,884	37,325	(NA)	87,400	260,598	(NA)	0.33	80	89
1939.....	1,093	(NA)	26,183	34,138	18,416	(NA)	20,175	68,139	(NA)	0.27	45	59
1929.....	1,491	(NA)	34,752	51,347	28,212	(NA)	36,881	119,994	(NA)	0.36	59	60
1919.....	2,385	(NA)	44,924	60,138	35,387	(NA)	44,513	112,646	(NA)	0.46	77	61
1909.....	2,500	(NA)	29,444	19,439	24,336	(NA)	13,948	47,938	(NA)	0.42	50	44
1899.....	1,695	(NA)	20,965	10,950	18,669	(NA)	8,842	34,377	(NA)	0.43	36	30
Kansas:												
1963.....	2,475	696	114,288	684,449	84,599	176,871	463,229	1,460,374	106,322	0.67	96	106
1958.....	2,309	643	118,830	590,826	86,641	173,943	403,704	1,171,017	98,959	0.74	100	100
1954.....	2,139	572	131,432	560,483	98,187	203,102	400,619	1,049,291	53,017	0.82	111	100
1947.....	1,946	(NA)	74,634	204,840	59,370	(NA)	151,299	461,110	(NA)	0.52	63	89
1939.....	1,418	(NA)	42,564	56,412	30,935	(NA)	36,088	117,391	(NA)	0.45	36	59
1929.....	1,916	(NA)	57,341	85,210	47,373	(NA)	63,348	205,367	(NA)	0.59	48	60
1919.....	3,149	(NA)	72,479	93,581	60,179	(NA)	71,888	161,566	(NA)	0.74	61	61
1909.....	3,435	(NA)	51,078	33,255	44,215	(NA)	25,904	66,220	(NA)	0.73	43	44
1899.....	2,299	(NA)	30,731	15,925	27,119	(NA)	12,801	33,271	(NA)	0.63	26	30
South Atlantic:												
1963.....	35,546	11,809	2,125,095	10,005,566	1,664,675	3,346,570	6,685,219	21,133,530	1,569,360	12.53	113	106
1958.....	33,425	10,535	1,884,885	7,255,699	1,498,197	2,894,777	4,974,394	14,355,067	1,068,939	11.76	100	100
1954.....	30,530	9,424	1,777,659	5,696,543	1,466,329	2,847,753	4,072,165	10,657,727	789,320	11.04	94	100
1947.....	24,000	(NA)	1,523,890	3,371,438	1,344,836	(NA)	2,710,001	6,941,906	677,651	10.66	81	89
1939.....	16,657	(NA)	1,110,704	1,073,672	977,596	(NA)	818,055	2,216,976	(NA)	11.66	59	59
1929.....	20,860	(NA)	999,995	1,033,670	912,247	(NA)	825,903	2,458,223	(NA)	10.35	53	60
1919.....	28,682	(NA)	896,592	940,127	812,122	(NA)	771,839	1,846,999	(NA)	9.11	48	61
1909.....	28,270	(NA)	715,047	301,652	663,015	(NA)	244,379	591,182	(NA)	10.20	38	44
1899.....	19,144	(NA)	482,712	153,634	458,344	(NA)	130,864	316,115	(NA)	9.95	26	30
Delaware:												
1963.....	569	243	58,395	429,626	30,417	61,487	159,025	658,189	88,806	0.34	101	106
1958.....	569	222	57,830	347,603	29,966	57,283	125,244	419,831	27,926	0.36	100	100
1954.....	556	209	54,530	267,354	30,988	60,451	104,882	353,083	23,375	0.34	94	100
1947.....	483	(NA)	34,738	92,858	29,275	(NA)	70,578	183,073	(NA)	0.24	60	89
1939.....	416	(NA)	23,360	29,114	19,825	(NA)	21,163	54,085	(NA)	0.25	40	59
1929.....	460	(NA)	26,556	37,407	23,552	(NA)	29,063	69,151	(NA)	0.27	46	60
1919.....	653	(NA)	33,231	44,914	28,994	(NA)	37,214	79,547	(NA)	0.34	57	61
1909.....	726	(NA)	23,262	12,618	21,238	(NA)	10,296	21,902	(NA)	0.33	40	44
1899.....	633	(NA)	21,751	9,794	20,562	(NA)	8,457	16,596	(NA)	0.45	37	30

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expendi- tures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employ- ment	Index of employ- ment change	U.S. index of employ- ment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958=100)
DIVISION AND STATE--Continued												
South Atlantic--Con.												
Maryland:												
1963.....	3,519	1,394	263,672	1,549,834	188,876	375,863	960,491	3,001,468	176,307	1.55	102	106
1958.....	3,435	1,334	259,097	1,257,423	190,472	368,548	813,332	2,394,414	128,085	1.62	100	100
1954.....	3,253	1,279	255,447	1,002,037	195,916	384,180	675,056	1,888,585	93,908	1.59	99	100
1947.....	2,826	(NA)	228,655	612,296	188,696	(NA)	458,282	1,139,240	(NA)	1.60	88	89
1939.....	2,712	(NA)	166,091	209,193	140,930	(NA)	155,938	420,589	(NA)	1.74	64	59
1929.....	3,231	(NA)	150,906	195,013	131,099	(NA)	148,835	422,097	(NA)	1.56	58	60
1919.....	4,725	(NA)	159,362	188,223	139,241	(NA)	146,578	322,092	(NA)	1.62	62	61
1909.....	4,837	(NA)	120,113	59,053	107,921	(NA)	45,436	116,620	(NA)	1.71	46	44
1899.....	3,886	(NA)	100,911	39,260	94,170	(NA)	32,414	81,722	(NA)	2.08	39	30
District of Columbia:												
1963.....	617	167	22,147	147,643	11,263	21,325	64,692	256,813	12,987	0.13	104	106
1958.....	561	142	21,287	114,004	11,176	21,270	52,800	198,089	14,732	0.13	100	100
1954.....	484	148	20,706	92,274	11,821	22,390	44,743	157,213	6,536	0.13	100	100
1947.....	428	156	17,815	55,872	10,007	21,268	27,691	99,067	4,502	0.13	97	100
1939.....	452	(NA)	14,377	24,920	7,676	(NA)	11,505	43,367	(NA)	0.12	84	89
1929.....	547	(NA)	14,002	25,449	9,752	(NA)	15,513	52,773	(NA)	0.15	68	59
1919.....	568	(NA)	13,327	18,537	10,268	(NA)	12,960	37,404	(NA)	0.14	66	60
1909.....	518	(NA)	9,283	6,835	7,707	(NA)	4,989	15,043	(NA)	0.14	63	61
1899.....	491	(NA)	7,112	3,895	6,155	(NA)	3,023	8,951	(NA)	0.13	44	44
Virginia:												
1963.....	4,542	1,573	302,084	1,431,977	239,631	480,228	992,099	3,046,268	231,786	1.78	117	106
1958.....	4,472	1,381	258,136	986,545	204,357	397,567	686,814	2,122,652	146,463	1.61	100	100
1954.....	4,398	1,290	242,768	776,820	202,654	394,735	576,844	1,629,041	109,887	1.51	94	100
1947.....	3,643	(NA)	216,507	483,575	189,942	(NA)	384,293	1,050,623	(NA)	1.51	84	89
1939.....	2,494	(NA)	150,202	150,359	132,089	(NA)	113,848	376,259	(NA)	1.58	58	59
1929.....	3,287	(NA)	131,586	147,352	120,273	(NA)	118,089	380,086	(NA)	1.36	51	60
1919.....	5,487	(NA)	132,842	145,423	118,976	(NA)	119,583	271,131	(NA)	1.35	51	61
1909.....	5,867	(NA)	114,227	47,256	105,676	(NA)	38,155	94,211	(NA)	1.63	44	44
1899.....	3,186	(NA)	70,051	23,903	66,223	(NA)	20,274	49,285	(NA)	1.44	27	30
West Virginia:												
1963.....	1,832	528	117,026	700,058	90,196	179,785	491,275	1,887,148	173,002	0.69	101	106
1958.....	1,916	519	116,201	573,837	90,390	173,129	411,007	1,268,842	171,937	0.72	100	100
1954.....	2,027	517	122,390	494,893	97,322	185,651	354,666	988,274	98,883	0.76	105	100
1947.....	1,602	558	127,354	337,869	108,985	215,639	268,469	663,903	82,332	0.89	110	89
1939.....	1,094	(NA)	87,741	113,660	74,411	(NA)	87,760	213,284	(NA)	0.92	76	59
1929.....	1,488	(NA)	93,565	136,291	85,326	(NA)	115,295	251,615	(NA)	0.97	81	60
1919.....	2,627	(NA)	90,651	118,898	82,615	(NA)	101,310	199,568	(NA)	0.92	78	61
1909.....	2,586	(NA)	68,864	38,710	63,893	(NA)	33,000	69,072	(NA)	0.98	59	44
1899.....	1,824	(NA)	34,824	14,519	33,080	(NA)	12,640	29,779	(NA)	0.72	30	30
North Carolina:												
1963.....	7,784	2,946	530,646	2,092,075	444,400	890,230	1,527,481	4,566,547	314,428	3.13	115	106
1958.....	7,352	2,628	461,485	1,488,645	391,712	747,353	1,109,707	3,077,929	182,005	2.88	100	100
1954.....	6,645	2,369	434,934	1,185,629	380,089	719,429	915,683	2,210,463	129,622	2.70	93	100
1947.....	5,321	(NA)	381,438	758,757	350,177	(NA)	641,917	1,646,030	(NA)	2.67	83	89
1939.....	3,158	(NA)	293,258	245,879	269,238	(NA)	198,519	544,181	(NA)	3.08	63	59
1929.....	3,797	(NA)	226,425	198,810	209,826	(NA)	160,868	693,013	(NA)	2.34	49	60
1919.....	5,690	(NA)	167,848	148,361	156,376	(NA)	124,978	413,707	(NA)	1.70	36	61
1909.....	4,931	(NA)	128,002	41,259	121,473	(NA)	34,355	94,795	(NA)	1.83	28	44
1899.....	3,465	(NA)	75,216	16,447	72,322	(NA)	14,052	40,420	(NA)	1.55	16	30
South Carolina:												
1963.....	3,057	1,076	261,655	1,046,514	221,198	453,962	790,954	2,111,117	179,264	1.54	106	106
1958.....	2,911	939	225,510	732,149	193,936	381,540	565,014	1,360,135	75,617	1.41	100	100
1954.....	2,720	834	219,923	634,756	190,119	378,931	486,960	1,040,936	59,629	1.37	98	100
1947.....	2,135	(NA)	188,760	377,105	175,889	(NA)	330,670	793,915	(NA)	1.32	84	89
1939.....	1,300	(NA)	136,094	103,171	126,408	(NA)	86,280	169,294	(NA)	1.43	60	59
1929.....	1,659	(NA)	113,876	86,023	108,777	(NA)	73,223	159,351	(NA)	1.18	50	60
1919.....	1,821	(NA)	83,982	72,336	78,918	(NA)	61,934	152,301	(NA)	0.85	37	61
1909.....	1,854	(NA)	76,303	24,117	73,046	(NA)	20,361	46,885	(NA)	1.09	34	44
1899.....	1,369	(NA)	48,444	10,438	47,025	(NA)	9,130	22,850	(NA)	1.00	21	30
Georgia:												
1963.....	6,249	2,056	354,023	1,505,556	290,008	582,382	1,073,001	3,254,007	202,163	2.09	113	106
1958.....	5,860	1,844	314,088	1,074,972	261,099	500,334	775,947	2,102,332	169,871	1.96	100	100
1954.....	5,655	1,713	303,017	853,496	260,082	503,497	642,582	1,592,411	162,849	1.88	96	100
1947.....	4,755	(NA)	249,958	484,289	225,838	(NA)	399,862	1,016,079	(NA)	1.75	80	89
1939.....	3,055	(NA)	176,965	142,021	155,870	(NA)	106,195	280,032	(NA)	1.86	56	39
1929.....	4,179	(NA)	171,734	140,674	158,774	(NA)	110,435	294,649	(NA)	1.78	55	60
1919.....	4,608	(NA)	135,263	125,503	122,578	(NA)	100,146	251,098	(NA)	1.38	43	61
1909.....	4,792	(NA)	112,895	43,867	104,588	(NA)	34,805	85,893	(NA)	1.61	36	44
1899.....	3,015	(NA)	87,151	23,162	83,336	(NA)	19,958	45,176	(NA)	1.80	28	30

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958=100)	(1958=100)
DIVISION AND STATE--Continued												
South Atlantic--Con.												
Florida:												
1963.....	7,377	1,826	215,447	1,102,283	148,386	301,308	626,201	2,351,973	190,617	1.27	126	106
1958.....	6,349	1,526	171,251	680,521	125,089	247,753	434,529	1,410,843	152,303	1.07	100	100
1954.....	4,792	1,065	123,944	389,284	97,338	198,489	270,749	797,721	104,631	0.77	72	100
1947.....	2,807	755	78,665	168,817	66,027	139,890	128,239	349,976	50,052	0.55	46	89
1939.....	1,976	(NA)	62,616	55,355	51,149	(NA)	36,847	115,885	(NA)	0.66	37	59
1929.....	2,212	(NA)	71,345	66,651	64,868	(NA)	54,582	135,488	(NA)	0.74	42	60
1919.....	2,503	(NA)	80,086	77,932	74,156	(NA)	67,136	120,151	(NA)	0.81	47	61
1909.....	2,159	(NA)	62,098	27,937	57,473	(NA)	22,982	46,761	(NA)	0.89	36	44
1899.....	1,275	(NA)	37,252	12,216	35,471	(NA)	10,916	21,336	(NA)	0.77	22	30
East South Central:												
1963.....	14,196	4,939	891,874	4,149,847	713,631	1,416,146	2,908,288	9,383,192	747,054	5.26	114	106
1958.....	13,800	4,381	783,474	3,099,253	626,738	1,210,267	2,189,760	6,389,027	555,046	4.88	100	100
1954.....	12,854	4,034	729,538	2,364,543	601,493	1,166,807	1,713,827	4,701,863	395,991	4.53	93	100
1947.....	10,911	(NA)	635,445	1,363,617	559,827	(NA)	1,096,474	2,884,391	256,002	4.45	81	89
1939.....	7,024	(NA)	410,008	389,733	355,096	(NA)	288,656	823,101	(NA)	4.30	52	59
1929.....	9,860	(NA)	416,905	440,520	377,870	(NA)	348,734	924,428	(NA)	4.32	53	60
1919.....	14,094	(NA)	364,878	367,639	327,352	(NA)	296,470	660,223	(NA)	3.71	47	61
1909.....	15,381	(NA)	288,257	131,200	261,772	(NA)	102,192	294,325	(NA)	4.11	37	44
1899.....	10,058	(NA)	188,412	66,388	177,208	(NA)	56,004	148,579	(NA)	3.88	24	30
Kentucky:												
1963.....	2,946	1,025	180,460	959,001	140,536	280,442	657,409	2,548,531	223,561	1.06	111	106
1958.....	2,903	927	162,243	721,421	124,704	241,746	491,809	1,769,269	112,525	1.01	100	100
1954.....	2,651	851	151,113	553,203	119,218	233,719	383,945	1,236,260	124,037	0.94	93	100
1947.....	2,245	(NA)	129,553	304,782	110,648	(NA)	236,085	743,322	(NA)	0.91	80	89
1939.....	1,582	(NA)	76,504	89,004	62,481	(NA)	61,592	186,485	(NA)	0.82	47	59
1929.....	2,246	(NA)	88,583	113,623	77,825	(NA)	88,644	236,080	(NA)	0.92	55	60
1919.....	3,767	(NA)	79,261	85,845	68,726	(NA)	66,261	158,498	(NA)	0.81	49	61
1909.....	4,776	(NA)	74,010	37,491	65,400	(NA)	27,888	111,975	(NA)	1.06	46	44
1899.....	3,648	(NA)	56,091	22,639	51,735	(NA)	18,454	59,102	(NA)	1.16	35	30
Tennessee:												
1963.....	4,787	1,809	339,108	1,542,227	266,969	530,222	1,040,681	3,302,688	244,897	2.00	120	106
1958.....	4,508	1,516	282,862	1,103,409	220,823	426,647	739,504	2,207,073	209,712	1.76	100	100
1954.....	4,053	1,366	267,496	882,644	214,027	418,378	612,461	1,678,786	152,698	1.66	95	100
1947.....	3,345	(NA)	222,300	474,978	193,197	(NA)	371,637	961,385	(NA)	1.56	79	89
1939.....	2,225	(NA)	152,179	149,525	131,024	(NA)	108,828	318,378	(NA)	1.60	54	59
1929.....	2,855	(NA)	142,020	149,080	128,400	(NA)	115,877	322,898	(NA)	1.47	50	60
1919.....	4,426	(NA)	107,725	105,861	94,564	(NA)	80,687	210,201	(NA)	1.10	38	61
1909.....	4,609	(NA)	82,257	37,438	73,840	(NA)	28,252	76,201	(NA)	1.17	29	44
1899.....	3,116	(NA)	49,292	17,775	45,963	(NA)	14,728	38,190	(NA)	1.02	17	30
Alabama:												
1963.....	4,079	1,257	243,800	1,162,409	197,646	390,979	842,277	2,515,011	147,395	1.44	106	106
1958.....	3,956	1,195	229,830	920,009	188,743	363,169	677,598	1,770,510	165,144	1.43	100	100
1954.....	3,893	1,152	220,077	690,015	188,414	357,780	528,618	1,319,192	82,248	1.37	96	100
1947.....	3,336	(NA)	206,239	444,887	185,700	(NA)	372,510	877,416	(NA)	1.44	95	91
1939.....	1,982	(NA)	129,261	114,706	115,698	(NA)	91,106	245,577	(NA)	1.36	60	61
1929.....	2,848	(NA)	130,034	126,390	119,559	(NA)	102,005	258,125	(NA)	1.35	60	62
1919.....	3,522	(NA)	116,440	116,974	106,679	(NA)	98,482	190,965	(NA)	1.18	54	63
1909.....	3,398	(NA)	78,203	33,849	72,148	(NA)	27,284	62,519	(NA)	1.12	36	45
1899.....	2,000	(NA)	54,970	16,971	52,711	(NA)	14,912	34,112	(NA)	1.13	25	31
Mississippi:												
1963.....	2,384	848	128,506	486,210	108,480	214,503	367,921	1,016,962	131,201	0.76	118	106
1958.....	2,433	743	108,539	354,414	92,468	178,705	280,849	642,175	67,665	0.68	100	100
1954.....	2,252	665	90,852	238,681	79,834	156,930	188,803	467,625	37,008	0.56	84	100
1947.....	1,985	(NA)	77,353	138,970	70,282	(NA)	116,242	302,268	(NA)	0.54	71	89
1939.....	1,235	(NA)	52,064	36,498	45,893	(NA)	27,130	72,661	(NA)	0.55	48	59
1929.....	1,911	(NA)	56,268	51,427	52,086	(NA)	42,208	107,325	(NA)	0.58	52	60
1919.....	2,379	(NA)	61,452	58,959	57,383	(NA)	51,040	100,559	(NA)	0.62	57	61
1909.....	2,598	(NA)	53,787	22,422	50,384	(NA)	18,768	43,630	(NA)	0.77	50	44
1899.....	1,294	(NA)	28,059	9,003	26,799	(NA)	7,910	17,175	(NA)	0.58	26	30
West South Central:												
1963.....	20,237	5,920	864,662	4,651,437	625,937	1,279,909	2,897,047	10,941,568	915,046	5.10	109	106
1958.....	18,659	5,261	794,846	3,645,669	580,779	1,152,074	2,349,670	7,791,482	924,053	4.95	100	100
1954.....	16,469	4,601	730,769	2,778,600	556,369	1,128,593	1,868,083	5,721,035	721,065	4.53	92	100
1947.....	13,183	(NA)	550,760	1,334,116	456,641	(NA)	996,258	3,030,203	457,920	3.85	69	89
1939.....	9,509	(NA)	330,516	362,542	258,882	(NA)	234,980	815,276	(NA)	3.47	42	59
1929.....	10,576	(NA)	341,079	416,742	297,743	(NA)	316,474	950,463	(NA)	3.53	43	60
1919.....	13,239	(NA)	323,642	365,389	282,751	(NA)	290,125	724,099	(NA)	3.29	41	61
1909.....	12,339	(NA)	227,958	123,028	204,520	(NA)	97,646	243,312	(NA)	3.25	29	44
1899.....	7,174	(NA)	121,643	50,049	113,388	(NA)	42,715	98,803	(NA)	2.51	15	30

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(percent)	(1958-100)	(1958-100)
DIVISION AND STATE-- Continued												
West South Central-- Continued												
Arkansas:												
1963.....	2,859	840	113,658	439,572	95,551	191,828	331,715	960,886	73,383	0.67	128	106
1958.....	2,589	666	88,724	293,043	74,429	144,699	220,862	591,745	48,227	0.55	100	100
1954.....	2,428	568	79,052	221,763	67,481	134,479	171,109	457,047	42,715	0.49	89	100
1947.....	1,926	(NA)	65,802	125,200	58,725	(NA)	102,838	267,516	(NA)	0.46	74	89
1939.....	1,115	(NA)	41,183	33,352	35,672	(NA)	24,205	66,444	(NA)	0.43	46	59
1929.....	1,731	(NA)	48,747	49,446	44,205	(NA)	39,503	94,255	(NA)	0.50	55	60
1919.....	3,044	(NA)	54,234	56,207	49,693	(NA)	46,909	96,953	(NA)	0.55	61	61
1909.....	2,925	(NA)	48,275	22,574	44,982	(NA)	19,113	39,981	(NA)	0.69	54	44
1899.....	1,746	(NA)	33,074	11,447	31,525	(NA)	10,184	21,600	(NA)	0.68	37	30
Louisiana:												
1963.....	3,222	954	139,511	769,410	104,720	215,445	526,177	1,915,625	210,837	0.82	102	106
1958.....	3,156	935	136,944	621,397	103,519	205,887	426,345	1,429,580	173,383	0.85	100	100
1954.....	3,020	897	145,250	533,947	114,378	232,019	375,730	1,181,649	174,396	0.90	106	100
1947.....	2,388	949	132,463	309,869	111,552	231,384	229,671	694,062	97,210	0.93	97	89
1939.....	1,779	(NA)	87,770	85,273	70,453	(NA)	54,454	198,527	(NA)	0.92	64	59
1929.....	1,989	(NA)	97,551	107,960	87,345	(NA)	83,867	246,497	(NA)	1.01	71	60
1919.....	2,489	(NA)	109,853	116,718	97,742	(NA)	93,858	243,886	(NA)	1.12	80	61
1909.....	2,516	(NA)	84,268	42,394	76,165	(NA)	33,386	89,084	(NA)	1.20	62	44
1899.....	1,826	(NA)	44,454	17,659	40,878	(NA)	14,725	35,994	(NA)	0.92	32	30
Oklahoma:												
1963.....	2,575	648	97,691	551,677	64,195	130,085	294,968	978,774	63,562	0.58	106	106
1958.....	2,409	572	91,587	446,358	59,739	118,407	248,548	724,998	61,927	0.57	100	107
1954.....	2,131	524	89,257	363,627	60,572	122,530	212,183	580,633	51,740	0.55	97	100
1947.....	1,740	(NA)	55,441	143,634	44,349	(NA)	105,327	341,149	(NA)	0.39	61	89
1939.....	1,530	(NA)	37,585	47,170	27,642	(NA)	29,957	101,782	(NA)	0.40	41	59
1929.....	1,658	(NA)	38,638	57,604	31,695	(NA)	41,277	149,404	(NA)	0.40	42	60
1919.....	2,316	(NA)	35,445	46,234	29,048	(NA)	34,423	87,551	(NA)	0.36	38	61
1909.....	2,310	(NA)	15,336	9,285	13,143	(NA)	7,240	19,530	(NA)	0.22	16	44
1899.....	495	(NA)	2,650	1,113	2,381	(NA)	894	2,703	(NA)	0.05	2	30
Texas:												
1963.....	11,581	3,478	513,802	2,890,778	361,471	742,551	1,744,187	7,086,283	567,264	3.03	108	106
1958.....	10,505	3,088	477,591	2,284,871	343,092	683,081	1,453,915	5,045,159	640,516	2.98	100	100
1954.....	8,890	2,612	417,210	1,659,263	313,938	639,565	1,109,061	3,501,706	452,214	2.59	87	100
1947.....	7,129	(NA)	297,054	755,413	242,015	(NA)	558,422	1,727,476	(NA)	2.08	62	89
1939.....	5,085	(NA)	163,978	196,747	125,115	(NA)	126,364	448,523	(NA)	1.72	34	59
1929.....	5,198	(NA)	156,143	201,732	134,498	(NA)	151,827	460,307	(NA)	1.62	33	60
1919.....	5,390	(NA)	124,110	146,230	106,268	(NA)	114,935	295,709	(NA)	1.26	26	61
1909.....	4,588	(NA)	80,079	48,775	70,230	(NA)	37,907	94,717	(NA)	1.14	17	44
1899.....	3,107	(NA)	41,465	19,830	38,604	(NA)	16,912	38,506	(NA)	0.85	9	30
Mountain:												
1963.....	8,527	2,022	283,888	1,706,424	195,759	392,529	1,061,325	3,471,834	247,009	1.67	124	106
1958.....	7,631	1,761	228,785	1,145,276	167,863	334,293	780,285	2,244,373	185,501	1.42	100	100
1954.....	6,685	1,467	185,006	737,501	141,658	282,300	522,728	1,450,802	125,440	1.14	81	100
1947.....	5,044	(NA)	140,477	375,900	115,144	(NA)	290,285	783,771	95,023	0.98	61	89
1939.....	3,787	(NA)	89,409	119,074	67,011	(NA)	79,099	269,381	(NA)	0.94	39	59
1929.....	4,319	(NA)	118,778	181,403	102,492	(NA)	144,486	370,056	(NA)	1.23	52	60
1919.....	6,675	(NA)	122,668	169,004	105,794	(NA)	137,075	303,751	(NA)	1.25	54	61
1909.....	5,254	(NA)	85,013	69,392	75,435	(NA)	56,870	135,304	(NA)	1.21	37	44
1899.....	3,146	(NA)	47,983	31,610	44,497	(NA)	27,714	76,220	(NA)	0.99	21	30
Montana:												
1963.....	976	188	20,247	109,271	16,015	31,742	82,796	236,230	38,587	0.12	100	106
1958.....	929	174	20,315	94,827	15,762	30,190	70,428	191,245	19,898	0.13	100	100
1954.....	868	172	18,519	72,090	14,677	27,762	54,098	141,234	20,574	0.11	101	100
1947.....	650	(NA)	15,838	42,770	13,380	(NA)	34,791	90,845	(NA)	0.11	78	89
1939.....	552	(NA)	11,939	17,286	8,802	(NA)	11,697	38,828	(NA)	0.12	59	59
1929.....	589	(NA)	17,135	29,470	14,869	(NA)	24,215	61,249	(NA)	0.18	93	62
1919.....	1,235	(NA)	18,893	28,623	16,640	(NA)	23,968	43,079	(NA)	0.19	103	63
1909.....	677	(NA)	13,035	12,955	11,655	(NA)	10,901	24,092	(NA)	0.19	71	45
1899.....	395	(NA)	10,362	8,163	9,854	(NA)	7,377	22,677	(NA)	0.21	56	31
Idaho:												
1963.....	1,103	254	30,487	162,560	24,129	48,526	116,628	366,411	28,366	0.18	110	106
1958.....	1,065	244	27,582	128,146	22,149	42,992	96,509	255,775	19,196	0.17	100	100
1954.....	981	204	24,197	94,221	20,124	39,259	73,188	188,575	19,226	0.15	88	100
1947.....	664	173	16,907	45,748	14,602	31,369	37,904	109,694	11,447	0.12	61	89
1939.....	498	(NA)	11,719	14,697	9,854	(NA)	11,490	29,788	(NA)	0.12	42	59
1929.....	562	(NA)	17,023	25,488	15,648	(NA)	22,452	44,489	(NA)	0.18	62	60
1919.....	803	(NA)	15,022	20,639	13,575	(NA)	18,014	35,659	(NA)	0.15	54	61
1909.....	725	(NA)	9,078	6,482	8,220	(NA)	5,498	12,480	(NA)	0.13	33	44
1899.....	287	(NA)	1,644	884	1,552	(NA)	818	1,563	(NA)	0.03	6	30

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958-100)
DIVISION AND STATE--Continued												
Mountain--Continued												
Wyoming:												
1963.....	342	69	6,797	37,956	4,636	9,115	24,714	81,678	13,971	0.04	105	106
1958.....	330	57	6,442	31,603	4,699	9,052	22,245	62,558	6,985	0.04	100	100
1954.....	328	49	6,261	26,890	4,587	9,160	18,777	51,361	6,899	0.04	97	100
1947.....	256	55	5,607	16,696	4,285	8,888	12,291	34,957	10,235	0.04	87	89
1939.....	300	(NA)	4,416	6,641	3,351	(NA)	4,613	15,336	(NA)	0.05	68	59
1929.....	248	(NA)	7,154	12,544	6,258	(NA)	10,255	33,628	(NA)	0.07	111	60
1919.....	437	(NA)	7,108	12,227	6,271	(NA)	10,587	38,142	(NA)	0.07	110	61
1909.....	268	(NA)	3,130	2,392	2,867	(NA)	2,081	3,641	(NA)	0.04	49	44
1899.....	139	(NA)	2,147	1,300	2,060	(NA)	1,209	1,899	(NA)	0.04	33	30
Colorado:												
1963.....	2,453	593	93,722	596,011	63,990	128,458	369,108	1,193,828	68,026	0.55	121	106
1958.....	2,274	535	77,505	404,964	55,084	111,966	265,209	781,943	50,713	0.49	100	100
1954.....	2,069	490	64,446	254,754	47,941	95,782	172,995	472,433	30,121	0.40	81	100
1947.....	1,602	425	54,071	144,207	44,153	92,627	109,734	286,774	32,189	0.38	70	89
1939.....	1,219	(NA)	32,234	43,953	23,388	(NA)	28,038	90,330	(NA)	0.34	42	59
1929.....	1,548	(NA)	39,113	57,221	32,890	(NA)	43,640	122,331	(NA)	0.40	50	60
1919.....	2,230	(NA)	40,786	53,770	33,759	(NA)	41,020	97,195	(NA)	0.41	53	61
1909.....	2,034	(NA)	32,393	25,560	28,067	(NA)	19,912	49,553	(NA)	0.46	42	44
1899.....	1,323	(NA)	21,368	13,766	19,498	(NA)	11,708	28,317	(NA)	0.44	28	30
New Mexico:												
1963.....	741	169	15,324	82,011	10,156	20,696	47,247	149,641	10,357	0.09	112	106
1958.....	668	153	13,740	59,428	9,795	19,203	37,950	107,643	24,545	0.08	100	100
1954.....	593	101	9,709	32,938	7,083	14,154	22,185	65,687	6,585	0.06	70	100
1947.....	431	(NA)	6,696	14,964	5,530	(NA)	11,438	32,136	(NA)	0.05	49	89
1939.....	262	(NA)	4,107	4,182	3,219	(NA)	2,875	8,640	(NA)	0.04	30	59
1929.....	250	(NA)	5,070	6,831	4,476	(NA)	5,565	11,278	(NA)	0.05	37	60
1919.....	387	(NA)	6,310	7,686	5,736	(NA)	6,658	10,129	(NA)	0.06	46	61
1909.....	313	(NA)	4,478	2,974	4,143	(NA)	2,591	4,637	(NA)	0.06	33	44
1899.....	174	(NA)	2,578	1,290	2,490	(NA)	1,199	2,062	(NA)	0.05	19	30
Arizona:												
1963.....	1,519	340	57,039	348,185	38,646	77,529	210,498	627,141	49,451	0.34	141	106
1958.....	1,158	257	40,563	213,289	29,980	61,387	148,325	360,173	27,698	0.25	100	100
1954.....	817	175	26,210	110,684	20,267	42,319	80,563	192,497	13,800	0.16	65	100
1947.....	544	125	14,188	39,333	11,167	24,263	29,680	83,829	8,328	0.10	35	89
1939.....	313	(NA)	7,996	10,988	5,905	(NA)	6,955	31,625	(NA)	0.08	20	59
1929.....	348	(NA)	12,209	19,343	10,550	(NA)	15,075	32,289	(NA)	0.13	30	60
1919.....	399	(NA)	9,652	14,725	8,297	(NA)	11,658	27,478	(NA)	0.10	24	61
1909.....	311	(NA)	6,941	6,303	6,441	(NA)	5,505	16,656	(NA)	0.10	17	44
1899.....	154	(NA)	3,331	2,557	3,126	(NA)	2,287	12,562	(NA)	0.07	8	30
Utah:												
1963.....	1,110	336	53,504	328,226	33,407	66,982	181,973	710,627	29,601	0.32	142	106
1958.....	1,000	296	37,604	185,924	26,717	52,085	120,751	417,445	31,311	0.23	100	100
1954.....	852	234	29,947	120,623	22,553	44,790	82,442	276,343	23,385	0.19	81	100
1947.....	771	(NA)	24,503	63,773	19,963	(NA)	48,031	128,250	(NA)	0.17	67	89
1939.....	549	(NA)	15,537	18,970	11,467	(NA)	11,873	43,341	(NA)	0.16	42	59
1929.....	651	(NA)	18,510	26,197	15,601	(NA)	19,699	56,727	(NA)	0.19	50	60
1919.....	1,035	(NA)	21,526	26,524	18,442	(NA)	20,931	45,831	(NA)	0.22	58	61
1909.....	749	(NA)	13,445	10,366	11,785	(NA)	8,400	20,724	(NA)	0.19	37	44
1899.....	575	(NA)	6,012	3,263	5,413	(NA)	2,763	6,541	(NA)	0.12	16	30
Nevada:												
1963.....	283	73	6,768	42,204	4,780	9,481	28,361	106,278	8,650	0.04	134	106
1958.....	207	45	5,034	27,095	3,677	7,418	18,868	67,591	5,155	0.03	100	100
1954.....	177	42	5,717	25,301	4,426	9,074	18,480	62,672	4,850	0.03	114	100
1947.....	126	33	2,667	8,409	2,064	4,660	6,416	17,286	2,959	0.02	53	89
1939.....	94	(NA)	1,461	2,357	1,025	(NA)	1,558	11,493	(NA)	0.02	29	59
1929.....	123	(NA)	2,564	4,399	2,200	(NA)	3,585	8,065	(NA)	0.03	51	60
1919.....	149	(NA)	3,371	4,810	3,074	(NA)	4,239	6,238	(NA)	0.03	67	61
1909.....	177	(NA)	2,513	2,360	2,257	(NA)	1,982	3,521	(NA)	0.04	50	44
1899.....	99	(NA)	541	387	504	(NA)	353	599	(NA)	0.01	11	30
Pacific:												
1963.....	43,307	11,813	1,799,103	11,880,636	1,193,101	2,357,536	6,711,145	22,112,058	1,290,399	10.60	113	106
1958.....	39,736	10,414	1,595,031	8,806,116	1,127,873	2,211,125	5,440,014	15,666,295	1,057,392	9.95	100	100
1954.....	36,047	9,188	1,411,108	6,325,658	1,059,964	2,073,588	4,261,171	11,364,479	776,435	8.76	88	100
1947 ⁶	24,132	(NA)	913,715	2,820,152	745,869	(NA)	2,139,537	5,544,019	553,678	6.39	57	89
1939.....	17,023	(NA)	548,424	787,598	432,856	(NA)	554,869	1,623,210	(NA)	5.75	34	59
1929 ⁶	18,154	(NA)	555,534	909,964	471,246	(NA)	670,599	1,922,882	(NA)	5.75	35	60
1919.....	17,759	(NA)	504,368	704,652	442,549	(NA)	583,742	1,337,093	(NA)	5.12	32	61
1909.....	14,231	(NA)	253,627	195,761	222,169	(NA)	157,866	377,639	(NA)	3.61	16	44
1899.....	8,599	(NA)	137,747	78,088	129,121	(NA)	66,625	154,384	(NA)	2.84	9	30

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	1958-100	1958-100
DIVISION AND STATE--Continued												
Pacific--Continued												
Washington:												
1963.....	5,250	1,233	224,375	1,479,092	152,161	297,309	881,384	3,028,577	143,415	1.41	104	106
1958.....	5,065	1,157	215,004	1,173,263	157,260	305,811	761,376	2,166,632	160,445	1.34	100	100
1954.....	4,929	1,152	194,071	854,093	148,759	280,777	594,668	1,549,060	147,130	1.21	90	100
1947.....	3,409	(NA)	144,252	437,802	123,442	(NA)	354,445	874,021	(NA)	1.01	67	89
1939.....	2,858	(NA)	99,119	142,565	82,261	(NA)	108,220	267,716	(NA)	1.04	46	59
1929.....	3,672	(NA)	128,740	196,575	114,830	(NA)	160,671	367,149	(NA)	1.33	60	60
1919.....	4,356	(NA)	144,331	222,482	131,241	(NA)	192,473	361,907	(NA)	1.47	67	61
1909.....	3,674	(NA)	76,854	59,593	69,120	(NA)	49,766	102,859	(NA)	1.10	36	44
1899.....	1,926	(NA)	33,626	19,129	31,523	(NA)	17,065	32,554	(NA)	0.69	16	30
Oregon:												
1963.....	4,881	1,225	145,164	819,559	117,596	226,357	617,095	1,574,816	132,014	0.86	108	106
1958.....	5,072	1,151	133,976	648,614	110,188	209,427	499,817	1,222,224	123,339	0.84	100	100
1954.....	5,870	1,189	135,309	566,671	114,464	214,740	447,741	1,037,456	67,811	0.84	101	100
1947.....	3,075	970	105,591	317,827	92,144	182,229	265,837	675,017	61,669	0.74	79	89
1939.....	1,903	(NA)	67,222	87,938	57,487	(NA)	69,574	156,696	(NA)	0.71	50	59
1929.....	2,463	(NA)	73,865	106,242	65,505	(NA)	86,829	206,542	(NA)	0.76	55	60
1919.....	2,478	(NA)	64,596	93,906	57,832	(NA)	80,067	158,763	(NA)	0.66	48	61
1909.....	2,246	(NA)	32,223	23,949	28,750	(NA)	19,902	42,452	(NA)	0.46	24	44
1899.....	1,406	(NA)	15,602	8,044	14,459	(NA)	6,822	15,804	(NA)	0.32	12	30
California:												
1963.....	32,201	9,079	1,398,611	9,433,245	899,932	1,791,421	5,114,656	17,162,564	985,114	8.24	115	106
1958.....	28,735	7,858	1,217,348	6,876,274	838,671	1,656,699	4,107,169	12,047,983	753,163	7.59	100	100
1954.....	24,509	6,642	1,053,255	4,807,399	773,686	1,534,909	3,151,410	8,597,453	549,801	6.54	86	100
1947.....	17,648	4,991	663,872	2,064,523	530,283	1,070,270	1,519,255	3,994,981	410,533	4.64	54	89
1939.....	11,558	(NA)	357,098	533,744	271,290	(NA)	358,734	1,122,545	(NA)	3.75	29	59
1929.....	12,019	(NA)	352,929	607,147	290,911	(NA)	423,099	1,349,191	(NA)	3.65	29	60
1919.....	10,282	(NA)	276,381	368,702	236,932	(NA)	295,726	742,493	(NA)	2.81	23	61
1909.....	7,659	(NA)	133,499	107,096	115,296	(NA)	84,141	204,522	(NA)	1.90	11	44
1899.....	4,997	(NA)	84,101	47,385	77,224	(NA)	39,890	92,491	(NA)	1.73	7	30
Alaska:												
1963.....	303	73	5,809	39,733	4,690	9,239	30,539	84,954	14,481	0.03	121	106
1958.....	246	69	4,807	25,716	3,931	7,258	19,850	64,595	3,264	0.02	100	100
1954.....	219	68	4,092	20,365	3,531	7,048	16,546	40,235	(NA)	0.02	85	100
1939.....	230	(NA)	5,467	8,032	4,816	(NA)	6,883	17,899	(NA)	0.06	114	59
1919.....	147	(NA)	7,316	10,896	6,575	(NA)	8,839	22,013	(NA)	0.11	152	60
1909.....	152	(NA)	3,479	2,328	3,099	(NA)	1,948	6,220	(NA)	0.04	72	61
1904.....	82	(NA)	2,164	1,417	1,938	(NA)	1,096	4,503	(NA)	0.03	45	44
1899.....	48	(NA)	(NA)	1,492	2,260	(NA)	1,375	2,432	(NA)	(NA)	(NA)	30
Hawaii:												
1963.....	672	203	25,144	109,007	18,722	33,210	67,471	261,147	15,375	0.15	104	106
1958.....	618	179	23,896	82,249	17,823	31,930	51,802	164,861	17,181	0.14	100	100
1954.....	520	137	24,381	77,130	19,524	36,114	50,806	140,275	11,693	0.15	102	100
1939.....	474	(NA)	19,518	15,319	17,002	(NA)	11,458	58,354	(NA)	0.14	82	59
1919.....	496	(NA)	11,744	8,666	9,969	(NA)	6,637	51,917	(NA)	0.12	42	61
1909.....	500	(NA)	7,572	2,795	5,904	(NA)	2,109	21,586	(NA)	0.11	32	44
1899.....	222	(NA)	4,418	2,038	3,655	(NA)	1,473	11,103	(NA)	0.09	18	30
STANDARD CONSOLIDATED AREAS												
Chicago, Ill.--North-western Indiana:												
1963.....	14,384	5,464	958,598	6,194,787	669,642	1,344,108	3,780,730	11,939,525	715,505	5.65	100	106
1958.....	14,285	5,117	957,232	5,213,395	663,941	1,297,384	3,177,151	9,577,938	728,237	5.96	100	100
1954.....	13,643	4,989	991,642	4,545,600	725,278	1,432,378	2,921,573	7,959,831	430,324	6.16	104	100
1947.....	12,409	(NA)	952,768	3,012,712	762,041	(NA)	2,191,174	5,561,913	(NA)	6.66	99	89
1939.....	9,116	(NA)	(NA)	(NA)	481,438	(NA)	(NA)	1,904,419	(NA)	(NA)	(NA)	59
New York, N.Y.--North-eastern New Jersey:												
1963.....	49,905	16,081	1,779,320	10,767,540	1,191,047	2,317,063	5,786,583	19,133,718	723,159	10.49	99	106
1958.....	51,289	15,645	1,796,955	9,045,255	1,222,699	2,332,827	4,047,273	15,267,750	630,519	11.21	100	100
1954.....	51,403	15,551	1,835,339	7,804,905	1,336,116	2,566,509	4,714,688	13,115,922	444,124	11.40	102	100
1947.....	48,281	(NA)	1,598,662	4,919,631	1,269,283	(NA)	3,485,822	9,310,900	(NA)	11.18	89	89
1939.....	32,132	(NA)	1,116,708	1,646,817	867,953	(NA)	1,062,156	3,126,135	(NA)	11.72	62	59
1929.....	36,923	(NA)	1,110,942	1,988,775	910,870	(NA)	1,399,940	4,452,465	(NA)	11.50	62	60
1919.....	42,293	(NA)	(NA)	(NA)	1,057,677	(NA)	1,300,273	3,592,026	(NA)	(NA)	(NA)	61

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958-100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) ⁴												
Akron, Ohio:												
1963.....	854	314	90,680	638,865	56,350	113,574	359,569	1,014,037	62,978	0.53	102	106
1958.....	824	280	88,572	501,515	59,279	110,094	300,217	808,990	58,573	0.55	100	100
1954.....	780	271	97,600	445,425	67,492	129,718	289,011	676,452	35,876	0.61	110	100
1947.....	562	216	101,245	304,759	81,553	(NA)	232,044	493,223	(NA)	0.66	106	89
1939.....	384	(NA)	(NA)	(NA)	43,361	(NA)	69,581	177,272	(NA)	0.55	59	59
Albany-Schenectady-Troy, N.Y.:												
1963.....	731	271	61,749	394,847	40,974	82,157	229,599	691,524	30,861	0.36	86	106
1958.....	765	281	71,516	385,042	45,278	88,284	211,774	640,902	31,328	0.45	100	100
1954.....	802	298	85,492	387,793	57,904	115,166	228,039	634,665	49,343	0.53	120	100
1947.....	(NA)	(NA)	78,785	(NA)	(NA)	(NA)	(NA)	361,844	(NA)	0.55	110	89
1939.....	601	(NA)	(NA)	(NA)	42,311	(NA)	(NA)	140,398	(NA)	(NA)	(NA)	59
Allentown-Bethlehem-Easton, Pa.-N.J.:												
1963.....	1,030	552	93,751	517,947	69,815	131,773	322,800	833,279	55,363	0.55	100	106
1958.....	1,022	539	93,907	430,094	70,296	127,516	271,349	683,803	44,658	0.59	100	100
1954.....	1,007	538	94,208	354,288	74,271	140,359	239,744	593,489	43,417	0.59	100	100
1947.....	898	(NA)	88,614	222,372	76,351	(NA)	177,547	360,669	(NA)	0.62	94	89
1939.....	662	(NA)	67,583	80,781	59,181	(NA)	62,891	158,236	(NA)	0.71	72	59
1929.....	783	(NA)	72,461	107,132	64,919	(NA)	86,508	216,477	(NA)	0.75	77	60
1919.....	1,169	(NA)	(NA)	(NA)	64,972	(NA)	72,379	180,335	(NA)	(NA)	(NA)	61
Anaheim-Santa Ana-Garden Grove, Calif.:												
1963.....	1,444	393	96,885	687,335	53,849	109,233	325,836	1,198,108	68,304	0.57	257	106
1958.....	833	215	31,770	175,935	21,639	44,059	106,394	315,305	24,459	0.20	100	100
1954.....	539	129	15,755	64,804	11,951	23,437	43,488	115,900	14,904	0.09	42	100
1947.....	299	(NA)	6,100	16,761	4,723	(NA)	11,974	31,158	(NA)	0.04	16	89
1939.....	133	(NA)	(NA)	(NA)	2,113	(NA)	2,127	8,254	(NA)	(NA)	(NA)	59
Atlanta, Ga.:												
1963.....	1,487	568	95,696	538,629	68,086	139,361	328,812	1,153,171	50,257	0.56	115	106
1958.....	1,361	523	83,534	379,717	61,456	119,447	232,306	711,947	57,783	0.52	100	100
1954.....	1,164	450	81,966	300,207	63,018	125,605	197,221	561,051	24,901	0.50	97	100
1947.....	943	(NA)	51,002	115,437	42,410	(NA)	83,980	242,767	(NA)	0.36	61	89
1939.....	637	(NA)	(NA)	(NA)	28,821	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59
Baltimore, Md.:												
1963.....	2,072	857	190,512	1,184,343	134,049	267,491	729,197	2,355,600	124,067	1.12	96	106
1958.....	2,112	866	197,814	1,011,390	141,635	274,599	641,651	1,978,533	83,982	1.23	100	100
1954.....	2,015	856	196,138	808,905	147,695	291,251	538,199	1,575,794	76,393	1.21	98	100
1947.....	1,887	(NA)	174,960	491,941	143,343	(NA)	367,098	921,056	(NA)	1.22	88	89
1939.....	1,976	(NA)	(NA)	(NA)	109,377	(NA)	(NA)	348,364	(NA)	(NA)	(NA)	59
Binghamton, N.Y.-Pa.:												
1963.....	404	158	41,639	259,012	26,053	50,685	125,178	341,677	19,876	0.25	114	106
1958.....	431	170	46,477	227,764	30,728	57,981	121,770	310,640	14,372	0.29	100	100
1954.....	289	137	45,929	176,610	32,523	60,697	112,853	268,720	15,215	0.28	99	100
1947.....	237	99	35,769	105,978	30,961	(NA)	86,793	159,879	8,183	0.25	77	89
1939.....	201	(NA)	(NA)	(NA)	27,194	(NA)	(NA)	61,205	(NA)	(NA)	(NA)	59
Birmingham, Ala.:												
1963.....	674	282	59,358	362,188	42,964	85,435	240,055	850,916	35,876	0.35	93	106
1958.....	675	291	63,495	335,698	47,154	93,871	225,974	587,027	42,760	0.40	100	100
1954.....	605	266	60,663	253,862	46,169	89,227	170,682	481,580	31,518	0.38	96	100
1947.....	529	(NA)	53,359	138,011	44,767	(NA)	106,659	275,630	(NA)	0.37	92	91
1939.....	374	(NA)	31,988	40,440	28,774	(NA)	33,000	105,409	(NA)	0.34	55	61
1929.....	419	(NA)	36,319	49,542	31,544	(NA)	37,924	111,211	(NA)	0.38	63	62
1919.....	440	(NA)	(NA)	(NA)	28,909	(NA)	33,009	62,540	(NA)	(NA)	(NA)	63
Boston, Mass.: ⁵												
1963.....	5,465	1,956	293,248	1,768,835	192,647	379,925	964,242	3,014,044	123,664	1.73	97	106
1958.....	5,803	2,042	301,002	1,514,831	212,450	414,974	886,375	2,442,783	104,813	1.88	100	100
Bridgeport, Conn.: ⁵												
1963.....	839	309	67,419	419,940	47,088	97,016	259,430	799,467	33,002	0.40	104	106
1958.....	801	290	64,749	331,762	45,583	90,028	209,176	590,915	25,797	0.40	100	100

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(percent)	(1958=100)	(1958=100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) ⁴ --Con.												
Buffalo, N.Y.:												
1963.....	1,808	679	162,942	1,104,607	117,921	239,533	731,760	2,068,561	116,347	0.96	94	106
1958.....	1,855	701	173,874	980,689	122,643	241,027	638,158	1,714,762	110,224	1.08	100	100
1954.....	1,829	729	203,357	946,591	152,882	306,577	655,297	1,677,778	139,477	1.26	117	100
1947.....	1,693	706	183,876	557,384	149,758	(NA)	424,928	1,023,231	90,261	1.29	106	89
1939.....	1,356	(NA)	115,589	183,753	90,244	(NA)	391,785	(NA)	(NA)	1.21	67	59
1929.....	1,896	(NA)	128,704	212,117	108,966	(NA)	160,766	480,123	(NA)	1.33	74	60
1919.....	2,913	(NA)	(NA)	(NA)	116,633	(NA)	152,180	346,627	(NA)	(NA)	(NA)	63
Canton, Ohio:												
1963.....	519	198	52,962	343,603	40,042	78,911	236,316	666,899	33,307	0.31	104	106
1958.....	477	184	51,166	269,691	38,152	69,642	181,150	499,608	26,677	0.32	100	100
1954.....	456	183	56,925	248,897	45,351	86,705	184,284	449,371	19,083	0.35	111	100
1947.....	385	166	55,564	158,649	47,600	(NA)	128,551	280,241	15,224	0.39	109	89
1939.....	323	(NA)	32,342	50,343	28,854	(NA)	42,061	107,807	(NA)	0.34	63	59
1929.....	338	(NA)	36,834	67,456	32,202	(NA)	54,735	142,508	(NA)	0.38	72	60
1919.....	584	(NA)	(NA)	(NA)	34,182	(NA)	47,876	108,670	(NA)	(NA)	(NA)	61
Chattanooga, Tenn.--Ga.:												
1963.....	455	207	38,940	193,842	30,842	62,081	136,577	391,896	22,411	0.23	95	106
1958.....	434	193	40,911	166,114	32,751	64,400	118,224	337,482	11,876	0.25	100	100
1954.....	410	190	43,019	145,186	35,724	69,907	107,515	277,314	33,496	0.27	105	100
1947.....	387	179	38,193	84,375	33,686	(NA)	67,484	149,104	(NA)	0.27	93	89
1939.....	271	(NA)	(NA)	(NA)	23,850	(NA)	(NA)	46,824	(NA)	(NA)	(NA)	59
Chicago, Ill.:												
1963.....	13,956	5,276	860,637	5,472,402	593,489	1,194,142	3,250,633	10,291,139	485,185	5.37	100	106
1958.....	13,831	4,947	857,238	4,599,875	587,311	1,153,265	2,740,792	8,296,011	477,330	5.34	100	100
1954.....	13,229	4,811	889,784	4,058,100	644,101	1,276,613	2,556,658	6,978,959	328,371	5.52	104	100
1947.....	12,082	(NA)	857,801	2,693,758	682,028	(NA)	1,934,360	4,964,097	(NA)	(NA)	(NA)	89
Cincinnati, Ohio-Ky.-Ind.:												
1963.....	1,971	797	153,930	988,973	100,087	207,124	554,917	2,057,411	78,069	0.91	98	106
1958.....	1,900	801	156,478	833,318	111,461	207,652	472,641	1,555,328	106,450	0.98	100	100
1954.....	2,082	839	160,766	713,588	116,951	237,641	456,023	1,383,043	74,800	1.00	103	100
1947.....	1,768	(NA)	143,861	405,051	115,563	(NA)	293,420	870,158	(NA)	1.01	92	89
1939.....	1,606	(NA)	(NA)	(NA)	76,161	(NA)	93,941	282,949	(NA)	(NA)	(NA)	59
Cleveland, Ohio:												
1963.....	4,175	1,517	280,285	1,908,311	194,150	397,590	1,176,375	3,378,768	176,930	1.65	102	106
1958.....	4,045	1,425	273,682	1,558,248	185,777	365,715	936,631	2,557,500	143,318	1.70	100	100
1954.....	3,867	1,393	308,105	1,470,131	227,490	452,414	961,769	2,443,836	219,435	1.91	113	100
1947.....	3,346	(NA)	274,203	881,780	223,538	(NA)	656,896	1,570,290	(NA)	1.88	98	89
1939.....	2,494	(NA)	(NA)	(NA)	131,850	(NA)	186,212	511,656	(NA)	1.58	55	59
Columbus, Ohio:												
1963.....	976	361	80,239	510,651	53,704	107,242	303,447	961,916	57,542	0.47	110	106
1958.....	911	338	72,991	381,266	46,791	93,625	224,826	679,786	52,153	0.43	100	100
1954.....	858	331	77,116	332,079	54,666	110,706	214,029	617,284	40,638	0.48	106	100
1947.....	745	(NA)	56,857	158,245	44,082	(NA)	109,170	290,237	(NA)	0.38	75	89
1939.....	550	(NA)	(NA)	(NA)	26,267	(NA)	30,557	93,389	(NA)	0.31	40	59
Dallas, Tex.:												
1963.....	2,103	737	109,517	616,710	72,961	153,866	340,607	1,190,047	79,377	0.63	115	106
1958.....	1,809	607	95,173	461,616	62,922	126,995	255,483	842,149	46,906	0.59	100	100
1954.....	1,482	518	80,462	319,408	57,080	116,273	191,354	531,649	21,737	0.50	84	100
1947.....	(NA)	(NA)	42,249	(NA)	(NA)	(NA)	(NA)	253,078	(NA)	0.30	44	89
1939.....	760	(NA)	(NA)	(NA)	17,523	(NA)	(NA)	63,903	(NA)	(NA)	(NA)	59
Davenport-Rock Island-Moline, Iowa-Ill.:												
1963.....	470	170	41,077	272,521	29,858	58,846	181,387	494,296	37,131	0.24	105	106
1958.....	453	154	39,146	213,741	28,688	56,521	142,287	404,876	22,594	0.24	100	100
1954.....	420	154	39,918	173,609	29,862	57,679	118,538	304,207	20,706	0.24	102	100
1947.....	359	(NA)	41,630	120,239	33,693	(NA)	92,437	189,449	(NA)	0.29	106	89
1939.....	318	(NA)	22,018	28,363	(NA)	(NA)	(NA)	70,695	(NA)	0.23	56	59

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958-100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) ⁴ --Con.												
Dayton, Ohio:												
1963.....	1,054	393	104,129	719,006	78,159	163,160	503,173	1,318,314	59,810	0.61	107	106
1958.....	968	371	97,189	552,492	72,988	147,120	392,364	912,079	41,769	0.61	100	100
1954.....	933	365	107,937	(D)	85,920	(D)	(D)	820,950	(D)	0.67	111	100
1947.....	787	329	103,772	332,428	86,496	(NA)	258,275	542,587	(NA)	0.72	106	89
1939.....	592	(NA)	(NA)	(NA)	44,968	(NA)	(NA)	182,946	(NA)	(NA)	(NA)	59
Denver, Colo.:												
1963.....	1,481	428	69,539	461,812	45,704	91,622	276,004	926,076	51,639	0.40	131	106
1958.....	1,314	368	53,686	286,018	37,018	75,002	179,949	562,850	35,846	0.34	100	100
1954.....	1,140	(NA)	43,107	177,589	30,524	62,057	113,242	320,461	18,987	0.27	80	100
1947.....	(NA)	(NA)	35,224	(NA)	(NA)	(NA)	(NA)	190,220	(NA)	0.25	68	89
Detroit, Mich:												
1963.....	7,023	2,236	493,913	3,847,165	329,736	705,990	2,292,965	6,690,431	378,605	2.91	106	106
1958.....	6,604	1,911	467,431	2,972,087	295,788	584,598	1,659,858	4,312,429	218,414	2.92	100	100
1954.....	6,159	2,005	589,941	3,113,753	434,365	881,589	2,073,287	4,713,167	480,818	3.66	126	100
1947.....	4,761	(NA)	557,241	1,852,316	468,170	(NA)	1,457,651	2,912,660	(NA)	3.90	119	89
1939.....	2,684	(NA)	372,882	655,102	315,221	(NA)	517,849	1,087,575	(NA)	3.91	80	59
1929.....	2,844	(NA)	328,414	616,246	290,980	(NA)	507,375	1,216,159	(NA)	3.40	70	60
1919.....	2,634	(NA)	(NA)	(NA)	264,961	(NA)	402,488	958,755	(NA)	(NA)	(NA)	61
Erie, Pa.:												
1963.....	472	184	36,437	220,832	26,304	52,460	142,360	414,115	18,189	0.21	105	106
1958.....	428	182	34,858	178,776	25,151	49,382	116,138	308,019	24,528	0.22	100	100
1954.....	422	185	40,647	173,049	31,786	62,089	122,133	286,397	13,882	0.25	100	117
1947.....	368	172	46,285	134,693	38,076	(NA)	103,640	224,906	17,815	0.32	129	89
1939.....	296	(NA)	22,794	33,380	19,216	(NA)	24,985	72,110	(NA)	0.24	65	59
1929.....	366	(NA)	27,352	45,082	23,022	(NA)	33,568	91,258	(NA)	0.28	78	60
1919.....	455	(NA)	(NA)	(NA)	22,944	(NA)	28,930	70,441	(NA)	(NA)	(NA)	61
Flint, Mich.:												
1963.....	336	98	68,875	563,495	56,523	131,199	445,868	1,145,919	81,470	0.41	117	106
1958.....	337	84	58,802	348,054	47,302	94,895	266,790	585,920	20,703	0.37	100	100
1954.....	329	87	76,618	392,215	65,008	139,955	319,978	720,826	149,472	0.48	130	100
1947.....	253	(NA)	56,230	174,674	48,851	(NA)	143,352	328,916	(NA)	0.39	96	89
1939.....	164	(NA)	(NA)	(NA)	33,685	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	59
Fort Worth, Tex.:												
1963.....	954	307	50,534	322,210	33,289	70,013	176,118	586,463	28,645	0.30	90	106
1958.....	794	271	55,899	289,566	42,230	82,894	205,257	523,283	19,941	0.35	100	100
1954.....	637	216	50,075	215,661	38,416	76,161	151,136	372,674	16,731	0.31	90	100
1947.....	456	161	32,420	83,807	26,757	(NA)	62,392	147,463	(NA)	0.23	58	89
1939.....	316	(NA)	(NA)	(NA)	8,242	(NA)	(NA)	30,450	(NA)	(NA)	(NA)	59
Gary-Hammond-East Chicago, Ind.:												
1963.....	428	188	97,961	722,385	76,153	149,966	530,097	1,648,386	230,320	0.56	98	106
1958.....	454	170	99,994	613,520	76,630	144,119	436,359	1,281,927	250,813	0.62	100	100
1954.....	414	178	101,858	487,500	81,177	155,765	364,915	980,872	101,953	0.63	102	100
1947.....	327	149	94,967	318,954	80,013	(NA)	256,814	597,816	(NA)	0.66	95	89
1939.....	237	(NA)	(NA)	(NA)	58,733	(NA)	(NA)	268,034	(NA)	(NA)	(NA)	59
Grand Rapids, Mich.:												
1963.....	1,170	416	64,602	393,232	50,479	103,976	280,716	778,690	37,442	0.38	114	106
1958.....	1,094	394	56,480	291,674	43,385	86,668	202,636	548,250	22,504	0.35	100	100
1954.....	1,003	364	63,847	294,305	50,868	106,334	212,333	546,331	32,770	0.40	113	100
1947.....	874	(NA)	59,334	176,113	50,612	(NA)	138,111	311,128	(NA)	0.41	105	89
1939.....	620	(NA)	(NA)	(NA)	30,012	(NA)	35,439	90,208	(NA)	0.29	52	61
Greensboro-High Point, N.C.:												
1963.....	638	297	45,913	195,400	35,625	69,460	122,198	420,393	18,105	0.27	110	106
1958.....	589	254	41,873	144,077	33,939	63,589	97,021	315,167	11,876	0.26	100	100
1954.....	509	218	38,588	112,415	33,045	59,654	77,484	169,106	8,190	0.23	92	100
1947.....	(NA)	(NA)	28,843	(NA)	(NA)	(NA)	(NA)	125,935	(NA)	0.20	69	89
1939.....	(NA)	(NA)	(NA)	(NA)	25,123	(NA)	(NA)	39,582	(NA)	(NA)	(NA)	59
Greenville, S.C.:												
1963.....	406	107	45,360	177,003	38,048	77,599	132,392	314,847	20,885	0.27	123	106
1958.....	342	137	36,777	118,604	31,577	63,531	92,096	206,424	9,432	0.23	100	100
1954.....	303	116	32,556	92,440	29,046	59,048	75,110	145,439	10,994	0.20	88	100

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years--Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958-100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) ⁴ --Con.												
Hartford, Conn.:												
1963.....	945	325	90,177	589,539	57,985	121,400	331,993	949,262	40,996	0.53	102	106
1958.....	946	290	88,533	458,561	60,439	120,131	277,771	722,875	32,464	0.55	100	100
Houston, Tex.:												
1963.....	2,261	727	108,585	720,296	70,322	145,398	403,783	1,918,430	160,154	0.64	104	106
1958.....	1,976	594	104,541	579,355	70,371	142,251	350,226	1,358,049	(D)	0.65	100	100
1954.....	1,557	494	89,042	(D)	65,142	118,601	243,154	868,747	87,235	0.55	85	100
1947.....	1,050	402	65,973	(D)	52,263	(NA)	(D)	(D)	(NA)	0.46	63	89
1939.....	727	(NA)	(NA)	(D)	24,850	(D)	(D)	(D)	(NA)	(NA)	(NA)	59
Indianapolis, Ind.:												
1963.....	1,382	475	115,817	749,221	80,340	164,240	463,734	1,368,526	72,246	0.68	110	106
1958.....	1,324	475	105,633	574,285	71,798	143,711	343,360	1,025,960	(D)	0.65	100	100
1954.....	1,338	(NA)	111,791	499,175	82,094	165,948	326,182	896,422	51,525	0.69	106	100
1947.....	943	(NA)	92,259	278,506	72,827	(NA)	197,989	483,375	(NA)	0.70	95	89
1939.....	784	(NA)	50,666	73,782	38,705	(NA)	47,989	138,633	(NA)	(NA)	(NA)	59
Jersey City, N.J.:												
1963.....	2,338	822	109,534	633,432	82,857	162,970	422,639	1,385,223	63,772	0.64	88	106
1958.....	2,400	805	124,348	619,229	89,645	173,230	394,467	1,224,988	49,624	0.77	100	100
1954.....	2,363	785	136,639	590,626	100,902	195,838	380,317	1,119,182	41,723	0.85	110	100
1947.....	(NA)	(NA)	144,039	(NA)	(NA)	(NA)	(NA)	889,898	(NA)	1.01	115	89
1939.....	1,632	(NA)	(NA)	(NA)	85,629	(NA)	(NA)	342,458	(NA)	(NA)	(NA)	59
Kansas City, Mo.-Kans.:												
1963.....	1,755	645	111,104	684,504	75,382	153,104	423,143	1,514,178	76,410	0.66	108	106
1958.....	1,708	591	103,084	523,797	69,547	136,103	317,814	1,069,063	60,464	0.64	100	100
1954.....	1,548	559	117,980	513,686	85,347	169,304	337,205	1,042,162	46,019	0.73	114	100
1947.....	1,376	(NA)	79,266	220,152	62,210	(NA)	157,100	471,688	(NA)	0.55	77	89
1939.....	1,043	(NA)	(NA)	(NA)	38,323	(NA)	47,611	148,138	(NA)	(NA)	(NA)	59
Lancaster, Pa.:												
1963.....	673	295	47,878	255,079	35,946	71,825	160,238	532,634	26,348	0.28	109	106
1958.....	638	276	43,905	190,234	33,678	66,476	123,997	367,964	15,630	0.27	100	100
1954.....	612	263	43,681	157,769	34,663	68,491	110,273	288,553	16,059	0.27	99	100
1947.....	(NA)	(NA)	39,139	(NA)	(NA)	(NA)	(NA)	177,965	(NA)	0.27	89	89
Lawrence-Haverhill, Mass.-N.H.: ⁵												
1963.....	476	193	42,020	214,286	30,629	58,626	132,854	365,306	16,276	0.25	117	106
1958.....	501	209	36,378	149,253	27,720	52,656	97,684	268,186	15,227	0.23	100	100
Los Angeles-Long Beach, Calif.:												
1963.....	17,679	5,186	745,968	4,939,610	494,930	993,485	2,746,963	8,980,337	389,419	4.40	108	106
1958.....	17,083	4,771	697,235	3,971,467	496,338	989,956	2,418,849	7,080,593	297,231	4.35	100	100
1954.....	14,424	3,974	633,528	2,929,803	471,732	946,178	1,934,617	5,054,697	305,982	3.93	92	100
1947.....	9,771	2,722	358,722	1,118,344	281,806	(NA)	797,090	2,052,671	175,327	2.51	52	91
1939.....	5,505	(NA)	172,757	258,967	127,425	(NA)	167,133	517,671	(NA)	1.81	25	61
1929.....	5,029	(NA)	127,881	210,001	103,652	(NA)	151,486	505,380	(NA)	1.32	18	62
1919.....	3,721	(NA)	(NA)	(NA)	63,255	(NA)	74,291	183,855	(NA)	(NA)	(NA)	63
Louisville, Ky.-Ind.:												
1963.....	904	429	87,621	542,520	65,202	131,667	361,315	1,595,638	66,651	0.52	101	106
1958.....	898	402	86,656	434,586	63,869	125,505	288,167	1,161,445	52,214	0.54	100	100
1954.....	814	390	88,158	373,584	66,502	135,815	252,962	845,031	90,958	0.54	102	105
1947.....	743	(NA)	73,853	193,837	60,878	(NA)	144,248	489,435	(NA)	0.51	85	100
1939.....	641	(NA)	39,770	46,757	35,009	(NA)	35,581	128,466	(NA)	0.41	46	89
1929.....	822	(NA)	49,459	65,304	42,303	(NA)	48,399	153,178	(NA)	0.51	57	59
1919.....	979	(NA)	(NA)	(NA)	35,238	(NA)	34,165	90,721	(NA)	(NA)	(NA)	63
Memphis, Tenn.-Ark.:												
1963.....	816	353	47,152	241,367	33,955	70,196	153,946	575,265	28,336	0.28	113	106
1958.....	734	300	41,850	178,066	30,066	59,492	112,105	396,948	33,431	0.26	100	100
1954.....	646	(NA)	42,971	158,035	32,702	66,530	104,342	338,920	31,876	0.26	101	100
1947.....	(NA)	(NA)	36,539	(NA)	(NA)	(NA)	(NA)	204,410	(NA)	0.25	85	89
1939.....	376	(NA)	(NA)	(NA)	18,447	(NA)	(NA)	57,494	(NA)	(NA)	(NA)	59

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ²	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958=100)	(1958=100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) ⁴ --Con.												
Miami, Fla.:												
1963.....	1,923	534	43,245	192,569	31,653	63,062	119,716	363,073	21,936	0.25	117	106
1958.....	1,696	446	36,893	143,097	25,935	50,249	87,766	252,123	17,904	0.23	100	100
1954.....	1,238	293	24,317	80,212	17,772	34,660	50,009	141,213	9,775	0.15	66	100
Milwaukee, Wis.:												
1963.....	2,405	877	193,845	1,271,922	133,262	266,482	784,128	2,337,200	96,364	1.14	102	106
1958.....	2,387	838	189,535	1,041,707	129,491	252,744	640,030	1,764,511	79,955	1.18	100	100
1954.....	2,307	856	192,658	886,706	138,946	274,137	572,497	1,519,669	73,096	1.10	99	100
1947.....	2,180	(NA)	189,284	569,811	149,968	(NA)	420,082	1,031,998	(NA)	1.10	100	89
1939.....	(NA)	(NA)	(NA)	(NA)	84,133	(NA)	(NA)	299,808	(NA)	(NA)	(NA)	59
Minneapolis-St. Paul, Minn.:												
1963.....	2,666	1,008	163,860	1,056,110	102,927	205,164	573,447	1,956,902	98,889	0.98	100	106
1958.....	2,481	881	146,043	766,192	91,936	180,213	421,800	1,396,579	49,909	0.91	100	100
1954.....	2,289	804	143,064	628,064	99,171	98,945	386,367	1,116,758	49,118	0.84	93	100
1947.....	2,152	(NA)	123,266	361,342	96,302	(NA)	245,271	724,639	(NA)	0.86	84	89
Nashville, Tenn.:												
1963.....	675	291	46,519	226,185	34,109	68,352	141,047	489,718	50,242	0.27	106	116
1958.....	572	242	39,977	166,127	28,410	56,311	100,952	304,768	26,572	0.25	100	100
New Haven, Conn.: ⁵												
1963.....	731	280	42,997	253,124	30,719	61,914	156,601	425,149	27,706	0.25	101	106
1958.....	731	277	42,527	205,754	31,251	61,050	130,729	331,572	18,492	0.26	100	100
New Orleans, La.:												
1963.....	916	309	49,051	282,948	36,469	74,875	193,473	618,363	31,219	0.29	105	106
1958.....	953	323	46,922	208,883	35,197	68,348	142,482	474,762	26,895	0.29	100	100
1954.....	899	314	54,362	197,460	42,232	83,390	137,198	378,685	64,752	0.34	117	100
1947.....	752	(NA)	46,397	107,193	38,903	(NA)	79,935	226,680	(NA)	0.32	99	89
1939.....	709	(NA)	(NA)	(NA)	26,127	(NA)	78,600	223,980	(NA)	(NA)	(NA)	59
New York, N.Y.:												
1963.....	39,995	11,737	1,147,203	6,849,851	760,803	1,455,347	3,515,857	11,437,343	345,759	6.76	97	106
1958.....	40,134	11,705	1,183,977	5,876,864	793,723	1,494,267	3,129,950	9,388,523	326,861	7.38	100	100
1954.....	41,012	11,754	1,203,384	5,037,954	872,130	1,651,802	2,943,559	8,133,224	183,330	7.47	102	100
1947.....	(NA)	(NA)	1,027,001	(NA)	(NA)	(NA)	(NA)	5,984,484	(NA)	7.18	87	89
1939.....	26,206	(NA)	(NA)	(NA)	540,878	(NA)	(NA)	1,969,558	(NA)	(NA)	(NA)	59
Newark, N.J.:												
1963.....	4,692	1,705	250,235	1,613,784	160,280	321,861	852,912	3,015,582	155,840	1.47	102	106
1958.....	4,424	1,586	245,605	1,289,824	163,629	320,293	738,588	2,292,865	123,091	1.53	100	100
1954.....	4,255	1,571	255,504	1,138,598	181,137	359,439	695,260	1,964,973	128,151	1.59	104	100
1947.....	(NA)	(NA)	222,762	(NA)	(NA)	(NA)	(NA)	1,317,281	(NA)	1.56	91	89
1939.....	2,458	(NA)	(NA)	(NA)	116,122	(NA)	(NA)	438,574	(NA)	(NA)	(NA)	59
Paterson-Clifton-Passaic, N.J.:												
1963.....	3,826	1,322	176,490	1,053,081	122,672	247,384	640,540	2,002,885	71,472	1.04	111	106
1958.....	3,364	1,138	158,545	806,489	115,068	226,282	507,911	1,464,579	55,504	0.99	100	106
1954.....	2,956	1,041	157,169	674,303	119,026	235,164	451,491	1,162,689	39,724	1.04	99	100
1947.....	(NA)	(NA)	131,029	(NA)	(NA)	(NA)	(NA)	701,632	(NA)	0.92	83	89
1939.....	1,364	(NA)	(NA)	(NA)	82,530	(NA)	(NA)	227,659	(NA)	(NA)	(NA)	59
Peoria, Ill.:												
1963.....	368	141	40,087	277,597	27,551	55,167	172,269	604,209	24,139	0.24	108	106
1958.....	338	129	37,206	195,605	25,358	45,950	117,581	491,082	29,519	0.23	100	100
1954.....	348	116	41,457	186,420	30,894	61,245	126,079	366,675	21,305	0.26	111	100
1947.....	300	(NA)	43,007	124,743	34,883	(NA)	94,876	282,151	(NA)	0.30	116	89
1939.....	280	(NA)	(NA)	(NA)	19,056	(NA)	28,150	85,597	(NA)	(NA)	(NA)	59
Philadelphia, Pa.-N.J.:												
1963.....	8,287	3,212	535,807	3,310,617	374,776	743,521	1,998,068	6,031,632	297,458	3.16	100	106
1958.....	8,251	3,147	536,912	2,738,856	380,404	738,073	1,688,750	4,826,261	306,123	3.35	100	100
1954.....	8,079	3,159	563,806	2,401,449	419,932	827,015	1,564,348	4,023,700	275,789	3.50	105	100
1947.....	7,394	(NA)	531,809	1,530,678	436,996	(NA)	1,139,148	2,772,649	(NA)	3.72	99	89
1939.....	5,756	(NA)	393,561	555,590	320,627	(NA)	385,782	1,037,292	(NA)	4.13	73	59
1929.....	7,136	(NA)	428,914	663,047	367,784	(NA)	497,430	1,396,529	(NA)	4.44	79	60
1919.....	11,673	(NA)	(NA)	(NA)	465,487	(NA)	567,866	1,303,034	(NA)	(NA)	(NA)	61

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958=100)	(1958=100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees ⁴ --Con.)												
Phoenix, Ariz.:												
1963.....	976	234	40,970	253,784	26,313	52,885	142,758	435,610	38,254	0.24	159	106
1958.....	705	170	25,794	139,703	18,387	38,027	94,547	227,710	14,322	0.16	100	100
1954.....	461	(NA)	15,837	67,254	11,935	24,773	47,652	115,281	7,456	0.10	61	100
Pittsburgh, Pa.:												
1963.....	2,578	947	272,183	1,925,554	181,116	351,798	1,119,011	2,879,159	199,898	1.60	89	106
1958.....	2,574	921	305,722	1,798,221	202,696	380,073	1,057,073	2,622,340	262,562	1.91	100	100
1954.....	2,381	917	331,568	1,557,825	239,812	454,812	995,776	2,481,817	164,024	2.06	108	100
1947.....	2,227	(NA)	337,928	1,023,833	283,985	(NA)	807,101	1,704,327	(NA)	2.36	111	89
1939.....	1,905	(NA)	229,353	357,044	191,278	(NA)	270,370	640,908	(NA)	2.41	75	59
1929.....	2,544	(NA)	248,607	423,336	216,481	(NA)	338,023	835,162	(NA)	2.57	81	60
1919.....	3,796	(NA)	(NA)	(NA)	244,991	(NA)	366,325	803,556	(NA)	(NA)	(NA)	61
Portland, Oreg.-Wash.:												
1963.....	1,863	519	65,366	393,504	47,583	92,588	258,986	769,279	50,356	0.38	116	106
1958.....	1,791	458	58,334	296,179	43,514	82,905	201,626	597,572	32,163	0.36	100	100
1954.....	1,787	438	57,453	244,096	44,840	85,943	172,036	475,021	27,190	0.36	98	100
1947.....	1,298	409	51,643	153,747	42,675	(NA)	119,893	314,273	36,254	0.36	89	89
1939.....	943	(NA)	28,398	38,224	25,017	(NA)	30,679	79,875	(NA)	0.30	49	59
1929.....	1,307	(NA)	38,083	56,783	31,576	(NA)	42,254	112,605	(NA)	0.39	65	60
1919.....	1,129	(NA)	(NA)	(NA)	38,075	(NA)	54,862	111,892	(NA)	(NA)	(NA)	61
Providence-Pawtucket-Warwick, R.I.-Mass.: ⁵												
1963.....	2,918	951	125,886	596,371	99,205	197,248	406,710	1,075,228	47,821	0.74	100	106
1958.....	2,938	996	127,150	509,907	100,957	195,882	347,839	852,083	33,448	0.79	100	100
Reading, Pa.:												
1963.....	677	311	50,719	255,118	39,860	77,938	175,353	429,460	24,642	0.30	105	106
1958.....	702	319	48,429	194,423	38,942	73,634	137,884	341,705	16,380	0.30	100	100
1954.....	669	317	49,436	169,157	41,468	78,141	126,928	294,269	17,415	0.31	102	100
1947.....	616	(NA)	53,024	135,843	46,373	(NA)	110,795	230,161	(NA)	0.37	109	89
1939.....	493	(NA)	46,124	53,975	40,537	(NA)	41,612	83,782	(NA)	0.48	95	59
1929.....	567	(NA)	47,525	67,817	43,487	(NA)	56,302	117,936	(NA)	0.49	98	60
1919.....	1,031	(NA)	(NA)	(NA)	41,072	(NA)	39,910	81,355	(NA)	(NA)	(NA)	61
Richmond, Va.:												
1963.....	577	241	45,980	256,564	31,398	62,395	146,704	558,821	53,583	0.27	107	106
1958.....	571	219	42,999	194,705	29,400	57,758	113,631	454,651	22,489	0.26	100	100
1954.....	535	192	38,374	137,478	29,225	56,148	88,323	346,329	20,950	0.23	89	100
Rochester, N.Y.:												
1963.....	1,214	427	121,344	837,813	80,679	160,367	471,089	1,761,504	86,765	0.72	104	106
1958.....	1,032	414	116,722	640,367	80,475	154,202	371,864	1,174,614	59,567	0.72	100	100
1954.....	979	330	125,535	566,929	83,246	163,733	338,183	919,779	58,810	0.77	108	100
1947.....	907	(NA)	107,493	319,227	85,696	(NA)	234,932	514,543	(NA)	0.75	92	89
1939.....	755	(NA)	67,004	106,494	50,898	(NA)	70,381	207,730	(NA)	0.70	57	59
1929.....	1,044	(NA)	74,107	119,628	62,239	(NA)	87,844	247,685	(NA)	0.77	63	60
1919.....	1,536	(NA)	(NA)	(NA)	67,553	(NA)	73,332	195,916	(NA)	(NA)	(NA)	61
Rockford, Ill.:												
1963.....	584	228	43,932	272,946	31,434	65,993	176,595	494,788	22,215	0.26	108	106
1958.....	487	188	40,756	211,538	28,115	55,724	131,718	362,831	17,054	0.25	100	100
1954.....	439	-	39,422	181,982	29,318	61,937	124,101	312,770	16,255	0.24	97	100
1947.....	403	(NA)	36,893	116,181	30,286	(NA)	89,465	197,833	(NA)	0.26	90	89
1939.....	283	(NA)	(NA)	(NA)	18,554	(NA)	22,697	51,646	(NA)	(NA)	(NA)	59
St. Louis, Mo.-Ill.:												
1963.....	3,217	1,283	259,686	1,666,302	179,364	359,650	1,007,256	3,119,263	170,226	1.33	99	106
1958.....	3,220	1,281	262,504	1,352,978	184,916	357,433	836,024	2,416,983	153,496	1.64	100	100
1954.....	3,230	1,256	271,421	1,156,920	198,634	387,909	751,395	2,111,877	134,197	1.68	103	100
1947.....	3,036	(NA)	252,992	684,083	207,907	(NA)	507,878	1,337,269	(NA)	1.77	96	89
San Diego, Calif.:												
1963.....	920	191	60,276	453,047	30,231	58,901	186,863	661,446	13,877	0.36	84	106
1958.....	765	159	71,383	447,822	46,468	95,367	248,636	605,526	26,340	0.44	100	100
1954.....	595	114	48,137	224,969	37,310	74,405	156,997	390,218	7,986	0.29	67	100

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expenditures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employment	Index of employment change	U.S. index of employment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(1958-100)	(1958=100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees) ⁴ --Con.												
San Francisco-Oakland, Calif.:												
1963.....	4,922	1,402	196,163	1,356,640	125,956	243,601	766,265	2,567,610	187,971	1.16	103	106
1958.....	4,520	1,298	190,251	1,080,369	126,165	241,060	640,866	2,049,371	161,621	1.19	100	100
1954.....	4,043	1,173	184,341	873,420	127,283	247,190	533,868	7,656,387	114,482	1.10	97	54
1947.....	3,628	(NA)	162,351	522,623	130,120	(NA)	390,232	7,037,465	(NA)	1.14	85	47
1939.....	3,171	(NA)	(NA)	(NA)	75,291	(NA)	109,342	356,585	(NA)	1.06	58	61
1929.....	3,923	(NA)	109,119	179,628	89,299	(NA)	131,461	448,062	(NA)	1.13	63	62
1919.....	3,651	(NA)	(NA)	(NA)	107,080	(NA)	140,611	360,185	(NA)	(NA)	(NA)	63
San Jose, Calif.:												
1963.....	1,095	344	94,743	739,855	47,296	94,883	286,555	1,188,506	64,252	0.56	176	106
1958.....	798	253	53,921	340,494	36,184	70,702	195,708	631,557	39,559	0.34	100	100
1954.....	567	164	28,434	118,868	21,304	41,433	81,328	263,587	19,914	0.18	53	100
1947.....	(NA)	(NA)	18,881	(NA)	(NA)	(NA)	(NA)	116,810	(NA)	0.13	35	89
1939.....	289	(NA)	(NA)	(NA)	9,251	(NA)	(NA)	29,579	(NA)	(NA)	(NA)	61
Seattle-Everett, Wash.:												
1963.....	2,052	497	121,556	855,212	70,213	139,233	421,474	1,624,464	52,308	0.72	106	106
1958.....	1,935	477	114,871	659,684	79,103	156,744	386,612	1,064,863	56,777	0.72	100	100
1954.....	1,741	444	88,189	394,965	63,032	119,825	251,631	599,812	55,770	0.55	77	100
1947.....	1,418	435	63,624	198,979	52,752	(NA)	154,126	337,255	(NA)	0.45	55	89
1939.....	1,282	(NA)	(NA)	(NA)	29,918	(NA)	(NA)	103,336	(NA)	-	-	59
South Bend, Ind.:												
1963.....	439	148	37,664	244,152	26,876	52,723	156,807	361,528	14,934	0.22	102	106
1958.....	403	131	36,910	204,808	24,408	47,211	122,229	361,886	14,065	0.23	100	100
1954.....	401	(NA)	45,332	207,711	34,395	64,081	144,748	330,668	8,147	0.28	123	100
1947.....	316	(NA)	46,300	149,894	39,035	(NA)	121,832	243,824	(NA)	0.32	125	89
1939.....	224	(NA)	(NA)	(NA)	21,577	(NA)	3,037	7,155	(NA)	(NA)	(NA)	59
Springfield-Chicopee-Holyoke, Mass.-Conn.: ⁵												
1963.....	979	397	67,354	370,304	49,714	98,923	240,908	690,595	27,886	0.40	94	106
1958.....	987	390	72,374	345,436	53,355	105,016	225,542	597,404	25,464	0.45	100	100
Syracuse, N.Y.:												
1963.....	772	279	66,985	422,822	40,928	81,423	224,527	773,677	37,304	0.39	96	106
1958.....	775	281	69,511	366,703	43,183	84,975	191,594	681,919	25,495	0.43	100	100
1954.....	766	274	70,327	295,891	48,653	98,093	184,841	553,701	29,604	0.44	101	100
1947.....	(NA)	(NA)	67,639	(NA)	(NA)	(NA)	(NA)	340,137	(NA)	0.47	97	89
1939.....	509	(NA)	(NA)	(NA)	32,967	(NA)	(NA)	104,975	(NA)	(NA)	(NA)	61
Toledo, Ohio-Mich.:												
1963.....	1,019	347	70,744	486,013	50,060	102,787	313,632	915,650	42,806	0.42	100	106
1958.....	967	316	70,838	410,009	48,989	95,235	255,383	715,535	57,537	0.44	100	100
1954.....	904	331	78,550	391,626	58,228	115,578	264,089	661,076	50,903	0.48	111	100
1947.....	716	(NA)	76,419	248,724	63,766	(NA)	191,457	438,208	(NA)	0.53	108	89
1939.....	576	(NA)	(NA)	(NA)	37,667	(NA)	52,560	139,959	(NA)	0.39	54	59
Utica-Rome, N.Y.:												
1963.....	472	169	38,474	218,709	27,192	54,699	133,766	447,214	15,660	0.23	95	106
1958.....	485	171	40,562	194,838	29,185	57,686	124,431	344,834	17,409	0.25	100	100
1954.....	503	184	43,125	169,169	34,003	65,963	122,010	328,206	10,191	0.27	106	100
1947.....	430	(NA)	50,975	140,601	44,202	(NA)	113,932	232,985	(NA)	0.36	126	89
1939.....	383	(NA)	35,885	41,632	32,263	(NA)	33,651	79,945	(NA)	0.38	88	59
1929.....	515	(NA)	43,212	56,829	37,974	(NA)	43,871	106,355	(NA)	0.45	107	60
1919.....	898	(NA)	(NA)	(NA)	43,973	(NA)	45,469	97,553	(NA)	(NA)	(NA)	61
Washington, D.C.-Md.-Va.:												
1963.....	1,276	376	50,090	324,319	27,970	55,553	154,919	525,298	30,723	0.29	144	106
1958.....	1,058	284	34,715	177,692	20,227	39,828	90,139	312,152	22,116	0.21	100	100
1954.....	859	(NA)	30,715	133,465	18,534	35,954	67,577	223,472	10,623	0.19	88	100
1947.....	(NA)	(NA)	22,473	(NA)	(NA)	(NA)	(NA)	118,776	(NA)	0.16	65	89
Wichita, Kans.:												
1963.....	518	151	43,321	286,600	31,360	64,547	182,987	480,121	22,755	0.25	80	106
1958.....	483	137	54,494	290,669	38,198	76,596	192,884	473,465	23,654	0.34	100	100
1954.....	465	121	54,865	245,592	40,306	84,820	175,400	350,307	10,733	0.34	101	100
1947.....	(NA)	(NA)	18,539	(NA)	(NA)	(NA)	(NA)	105,990	(NA)	0.13	34	89

See footnotes at end of table.

TABLE 7. General Statistics for Manufacturing Establishments by Geographic Areas: 1963 and Earlier Years—Continued

Geographic area ¹	Establishments ²		All employees ²		Production workers			Value added by manufacture, adjusted	Capital expendi- tures, new ³	Comparative employment indexes		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages			Percent of U.S. employ- ment	Index of employ- ment change	U.S. index of employ- ment change
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)			(percent)	(1958-100)	(1958-100)
SELECTED STANDARD METROPOLITAN STATISTICAL AREAS (With 40,000 or more manufacturing employees ⁴ --Con.)												
Wilkes-Barre-Hazleton, Pa.:												
1963.....	768	401	43,754	164,840	37,602	69,098	127,483	311,011	9,112	0.26	113	106
1958.....	699	346	38,673	122,778	33,087	59,473	94,788	207,590	6,871	0.24	100	100
1954.....	632	-	36,980	97,764	32,866	59,382	79,839	156,328	5,273	0.23	96	100
1947.....	468	(NA)	35,608	73,279	31,904	(NA)	60,527	126,075	7,185	0.25	92	89
1939.....	307	(NA)	(NA)	(NA)	19,022	(NA)	16,364	40,956	(NA)	(NA)	(NA)	59
Wilmington, Del.-N.J.-Md.:												
1963.....	480	206	59,449	468,552	30,403	61,119	178,153	702,618	60,775	0.35	101	106
1958.....	448	178	58,709	380,788	29,777	57,364	142,012	470,820	34,722	0.37	100	100
1954.....	408	167	56,143	297,026	31,309	60,949	121,502	402,412	25,160	0.35	96	100
1947.....	335	155	37,829	114,332	30,554	(NA)	82,601	212,717	(NA)	0.26	64	89
Worcester, Mass.: ⁵												
1963.....	783	302	47,560	266,892	34,225	67,235	166,755	430,193	17,002	0.28	93	106
1958.....	800	317	51,124	241,978	36,847	71,301	152,470	377,725	22,530	0.32	100	100
York, Pa.:												
1963.....	724	365	48,750	224,123	39,896	80,597	162,732	438,294	19,668	0.29	100	106
1958.....	710	349	48,882	194,957	39,008	78,259	134,206	363,547	14,276	0.30	100	100
1954.....	624	300	50,845	176,421	40,994	83,689	125,337	307,767	19,641	0.32	104	100
1947.....	688	(NA)	47,231	110,209	40,426	(NA)	84,709	207,228	(NA)	0.33	97	89
1939.....	525	(NA)	(NA)	(NA)	31,306	(NA)	32,249	73,409	(NA)	(NA)	(NA)	59
Youngstown-Warren, Ohio:												
1963.....	571	222	69,084	477,425	55,592	110,450	361,589	901,555	57,354	0.41	90	106
1958.....	563	230	76,437	427,332	60,923	108,372	319,099	729,376	53,154	0.48	100	100
1954.....	578	238	86,780	394,416	73,128	138,500	309,312	685,996	42,122	0.54	114	100
1947.....	(NA)	(NA)	88,035	(NA)	(NA)	(NA)	(NA)	445,861	(NA)	0.62	115	89
1939.....	333	(NA)	(NA)	(NA)	52,245	(NA)	(NA)	167,572	(NA)	(NA)	(NA)	59

Note: See Introduction for an explanation of terms. Detailed figures may not equal totals because of independent rounding.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The 1958 and subsequent years' figures include establishments classified in industry 3273, Ready Mixed Concrete, and establishments classified in industry 3599, Miscellaneous Machinery, that were engaged exclusively or almost exclusively in machine shop repair work. The data for such establishments are excluded from the figures for the period 1939 to 1957, but are included for 1929 and earlier years. The 1954 to 1963 figures include data for establishments engaged in the processing and distribution of fluid milk, industry group 202, Dairies. These establishments were not included in the figures for earlier census years. In addition, beginning with 1954, the figures include data for Logging Camps and Contractors, industry 2411, which were not included within the scope of the 1947 census. There were also a number of changes in the definition of manufacturing industries during earlier census years that affect the comparability of the historical series. Among the more important of these were the following: Figures for 1935 and later years exclude data for railroad repair shops and manufactured gas which were included in 1899 to 1933 figures; the minimum size of establishment included for 1947 to 1963 was 1 employee; for 1921 to 1939, manufacturing establishments reporting value of shipments of \$5,000 or more were with-

in scope whereas for 1919 and earlier years the cutoff was \$500. (These changes in procedure have not appreciably affected the comparability of the historical data except for the figures on number of establishments.)

²Employment and payroll totals for central administrative offices and auxiliaries are included in the statistics shown for the years 1954 to 1963. Prior to 1954, this information was not available. The "number of establishments with 20 or more employees" total for 1958 and all previous years and "total number of establishments" total for 1954 and previous years does not include data for central administrative offices and auxiliaries.

³For the years 1958 to 1963, includes expenditures for plants under construction but not in operation in addition to expenditures at operating manufacturing establishments. Prior to 1958, the data represents expenditures at operating manufacturing establishments only.

⁴This table includes data only for standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1963 or 1958. The definitions of the standard metropolitan statistical areas are shown on pages

⁵Comparable data for years prior to 1958 are not available due to a revision in the definition of the standard metropolitan statistical area. See the 1958 or 1954 Census of Manufactures Area Statistics, Volume III, for statistics for the area as defined at that time.

⁶Does not include data for Alaska and Hawaii.

⁷Data for 1954 employment and payroll exclude central administrative offices and auxiliary units. This information was not collected for Alaska and Hawaii in 1954.

Food and Kindred Products

- 20A Meat products
- 20B Dairies
- 20C Canned and frozen foods
- 20D Grain mills
- 20E Bakery products
- 20F Sugar and confectionery products
- 20G Beverages
- 20H Fats and oils
- 20I Miscellaneous food products

This major group includes establishments manufacturing foods and beverages for human consumption; and certain related products, such as manufactured ice, chewing gum, and prepared feeds for animals and fowls. Establishments which are primarily engaged in processing and distributing fluid milk and cream and those which are primarily engaged in extracting animal and vegetable oils are also included. Establishments producing meat, poultry, dairy, bakery, and confectionery products for sale chiefly at retail on the manufacturing premises are classified in trade industries.

FOOD AND KINDRED PRODUCTS: MAJOR GROUP 20

Value Added by Manufacture by State: 1963

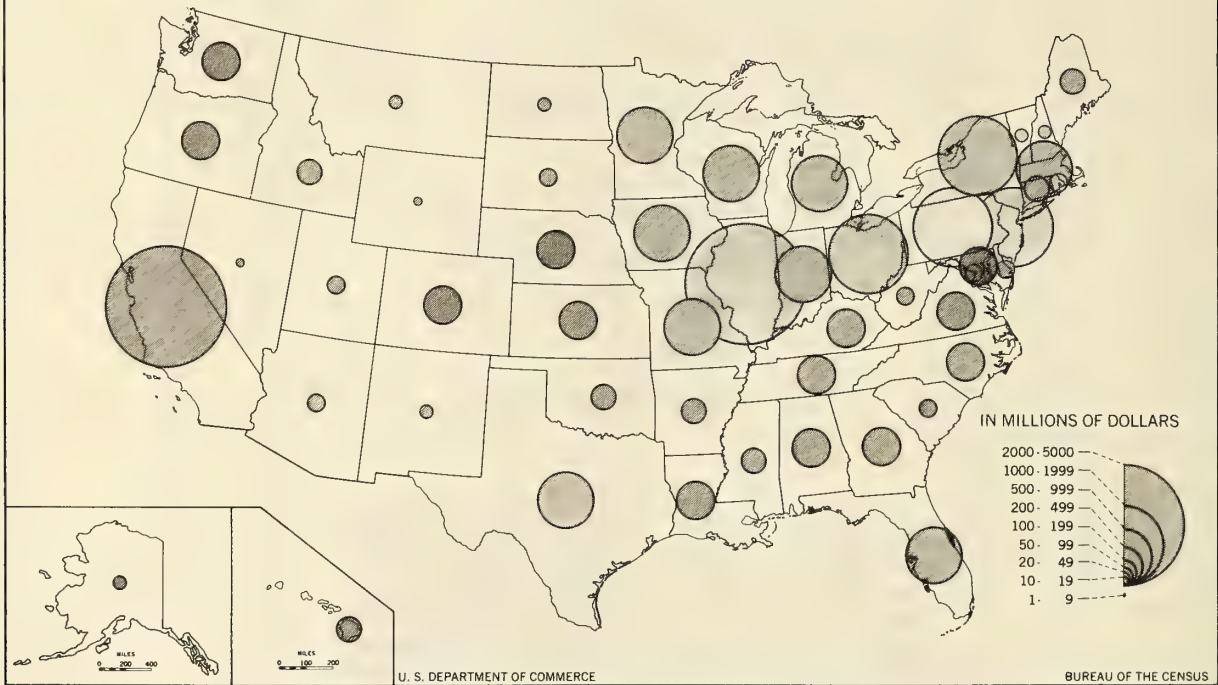


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted ²	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963	38 597	14 549	1 714 607	9 233 931	1 098 116	2 228 013	5 159 376	21 825 516	46 784 435	68 466 487	1 249 245
1958 ⁵	42 843	15 242	1 781 469	8 064 425	1 152 762	2 309 576	4 548 860	17 700 906	(NA)	59 785 310	1 021 204
1954 ⁵	(NA)	(NA)	1 709 106	6 560 408	1 137 681	2 315 812	3 757 953	13 766 995	(NA)	(NA)	787 649
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963 ⁶	1 066	436	71 496	596 779	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958 ⁶	873	352	63 337	442 096	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954 ^{5,6}	(NA)	(NA)	62 515	360 309	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	37 521	14 113	1 643 111	8 637 152	1 098 116	2 228 013	5 159 376	21 825 516	46 784 435	68 466 487	1 249 245
1958	41 970	14 890	1 718 132	7 622 329	1 152 762	2 309 576	4 548 860	17 700 906	(NA)	59 785 310	1 021 204
1954 ⁵	42 373	13 648	1 646 591	6 200 099	1 137 681	2 315 812	3 757 953	13 766 995	(NA)	(NA)	787 649
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁷	(NA)	(NA)	1 682 697	8 592 490	1 119 225	2 287 220	5 059 706	20 870 394	46 037 120	66 905 954	1 234 541
1961 ⁷	(NA)	(NA)	1 701 570	8 362 827	1 138 207	2 317 297	4 933 660	20 123 882	44 469 448	64 590 841	1 044 137
1960 ⁷	(NA)	(NA)	1 719 309	8 210 415	1 154 513	2 347 651	4 856 894	19 753 156	(NA)	(NA)	1 034 146
1959 ⁷	(NA)	(NA)	1 717 539	7 910 102	1 154 565	2 345 383	4 702 140	18 646 181	(NA)	(NA)	1 078 122
1957 ^{6,7}	(NA)	(NA)	1 687 615	7 141 257	1 133 212	2 304 005	4 243 838	16 346 999	(NA)	(NA)	922 575
1956 ^{6,7}	(NA)	(NA)	1 706 226	6 963 936	1 166 898	2 378 425	4 201 459	15 939 217	(NA)	(NA)	886 935
1955 ^{6,7}	(NA)	(NA)	1 674 255	6 543 568	1 154 115	2 343 504	3 940 184	14 790 062	(NA)	(NA)	797 712
1953 ⁷	(NA)	(NA)	1 455 110	5 266 485	1 059 095	2 160 257	3 435 455	11 937 510	(NA)	(NA)	544 698
1952 ⁷	36 829	(NA)	1 479 583	5 097 690	1 075 104	2 215 823	3 312 530	11 340 145	(NA)	(NA)	526 658
1951 ⁷	38 237	(NA)	1 473 560	4 919 078	1 079 173	2 217 895	3 142 933	10 578 846	(NA)	(NA)	687 269
1950 ⁷	38 466	(NA)	1 492 960	4 414 973	1 074 750	2 217 598	2 857 603	10 104 316	(NA)	(NA)	649 445
1949 ⁷	(NA)	(NA)	1 463 019	4 198 650	1 076 845	2 221 939	2 706 862	9 425 983	(NA)	(NA)	723 401
1947	42 802	(NA)	1 461 364	3 832 787	1 111 466	2 368 184	2 616 495	9 115 975	(NA)	(NA)	820 847
1939	43 667	(NA)	(NA)	(NA)	802 133	(NA)	888 355	3 484 696	(NA)	(NA)	(NA)
1937	48 763	(NA)	(NA)	(NA)	890 503	(NA)	981 409	3 370 755	(NA)	(NA)	(NA)
1935	48 982	(NA)	932 429	1 067 539	800 108	(NA)	804 159	2 804 162	(NA)	(NA)	(NA)
1933	40 325	(NA)	767 655	776 783	668 927	(NA)	624 212	2 412 885	(NA)	(NA)	(NA)
1931	48 729	(NA)	(NA)	(NA)	646 959	(NA)	740 208	2 745 357	(NA)	(NA)	(NA)
1929	55 325	(NA)	871 910	1 202 590	740 937	(NA)	895 713	3 339 848	(NA)	(NA)	(NA)
1927	48 947	(NA)	795 881	1 104 311	668 311	(NA)	817 238	2 839 984	(NA)	(NA)	(NA)
1925	48 151	(NA)	792 772	1 062 044	667 361	(NA)	798 867	2 718 202	(NA)	(NA)	(NA)
1923	51 173	(NA)	818 098	1 083 559	676 064	(NA)	791 725	2 505 644	(NA)	(NA)	(NA)
1921	51 502	(NA)	759 931	1 016 293	620 750	(NA)	742 352	2 119 577	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The "All employees" figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known. "Production workers" includes driver-salesmen in the bakery products industry (SIC 2051) for 1939 and prior years, but not for 1947 to 1963. The number of driver-salesmen for 1939 was at least 120,000.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1921 to 1933, cost of contract work was not subtracted from value of products in calculating value

added by manufacture. See Introduction, "Value added by Manufacture."

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963, include expenditures for plants under construction and not yet in operation.

⁵The figures for 1954 to 1963, include data for milk bottling plants (SIC 2026) which were not covered in prior years. Value added for this industry was \$1,475,638 thousand in 1954.

⁶In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative offices and auxiliary units are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these units are not available for the years 1955 to 1957, 1959, to 1962, and prior to 1949.

⁷These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
20	FOOD AND KINDRED PRODUCTS: TOTAL	37 521	14 113	1 643 111	8 637 152	1 098 116	2 228 013	5 159 376	21 825 516	1 249 245	1 718 132	17 700 906
	NORTHEAST	9 102	3 141	373 163	2 054 640	243 316	495 740	1 193 597	5 147 479	248 888	410 225	4 313 219
	NEW ENGLAND	2 358	741	75 754	375 957	47 876	96 988	207 014	910 797	43 160	85 183	742 700
	MAINE	341	122	11 657	45 055	8 931	17 583	29 579	109 239	5 693	11 462	86 209
	NEW HAMPSHIRE	150	41	2 944	14 092	1 579	3 353	6 565	31 474	1 564	3 129	21 127
	VERMONT	132	37	2 699	13 142	1 740	3 644	7 481	35 022	1 642	2 876	34 294
	MASSACHUSETTS	1 110	369	41 037	208 802	26 176	53 063	117 134	505 007	22 912	48 045	409 697
	RHODE ISLAND	215	55	6 026	30 652	3 336	6 917	15 921	61 197	3 601	6 467	50 012
	CONNECTICUT	410	117	11 391	64 214	6 114	12 428	30 334	168 858	7 748	13 204	141 361
	MIDDLE ATLANTIC	6 744	2 400	297 409	1 678 683	195 440	398 752	986 583	4 236 682	205 728	325 042	3 570 519
	NEW YORK	2 994	1 038	128 803	756 132	84 116	172 056	435 595	1 846 395	82 794	148 832	1 649 400
	NEW JERSEY	1 122	440	61 098	365 836	41 680	84 344	225 842	1 034 623	55 473	61 472	810 928
	PENNSYLVANIA	2 628	922	107 508	556 715	69 644	142 352	325 146	1 355 664	67 461	114 738	1 110 191
	NORTH CENTRAL	11 887	4 280	554 963	3 159 238	375 901	772 288	1 978 334	7 795 596	426 457	603 003	6 535 998
	EAST NORTH CENTRAL	7 660	2 837	348 915	1 973 928	231 657	477 792	1 191 293	5 237 508	281 012	384 815	4 323 319
	OHIO	1 728	662	76 265	422 986	44 889	92 915	226 590	1 051 910	50 466	85 948	821 624
	INDIANA	883	363	45 401	248 487	30 026	63 206	151 904	642 850	30 036	48 124	510 873
	ILLINOIS	1 891	802	116 063	695 673	80 082	165 267	435 399	2 059 037	108 857	128 982	1 653 039
	MICHIGAN	1 344	491	52 472	291 829	35 039	71 284	176 529	729 211	42 075	57 665	657 595
	WISCONSIN	1 814	519	58 714	314 953	41 621	85 120	200 871	754 500	49 578	64 096	624 690
	WEST NORTH CENTRAL	4 227	1 443	206 048	1 185 310	144 244	294 496	787 041	2 558 088	145 445	218 188	2 212 179
	MINNESOTA	1 099	352	48 619	274 567	35 395	71 056	188 046	587 507	30 448	51 761	518 442
	IOWA	921	287	50 356	304 457	35 049	72 147	204 583	653 155	39 160	53 073	539 951
	MISSOURI	845	345	48 188	274 053	32 286	63 735	169 917	629 933	37 101	52 293	561 191
	NORTH DAKOTA	180	41	3 063	14 240	1 979	4 235	8 397	36 747	5 567	3 205	30 316
	SOUTH DAKOTA	166	54	7 905	45 388	5 729	11 876	31 750	94 923	4 353	8 206	81 528
	NEBRASKA	479	183	26 698	150 161	19 290	40 254	103 202	316 634	16 428	27 680	264 967
	KANSAS	538	181	21 225	122 468	14 519	31 199	81 158	239 227	12 394	21 970	215 784
	SOUTH	10 259	4 378	441 268	1 897 463	286 803	589 606	1 046 524	5 020 595	329 270	432 381	3 816 039
	SOUTH ATLANTIC	4 624	2 038	211 401	883 467	137 899	279 452	480 360	2 291 143	145 829	205 817	1 719 630
	DELAWARE	123	62	6 124	23 744	4 742	9 184	15 464	54 634	22 843	6 273	51 723
	MARYLAND	593	315	35 881	161 804	24 448	46 845	91 586	419 836	15 458	35 780	329 004
	DISTRICT OF COLUMBIA	56	30	4 544	28 912	1 931	4 053	10 352	55 735	1 886	5 648	54 154
	VIRGINIA	667	350	32 048	127 089	21 933	43 633	73 504	326 468	17 404	31 396	240 963
	WEST VIRGINIA	242	95	7 280	33 834	3 872	8 379	15 259	71 714	3 502	8 629	68 756
	NORTH CAROLINA	862	348	32 940	129 133	19 462	39 277	60 750	322 861	20 253	29 943	235 207
	SOUTH CAROLINA	364	134	11 042	41 469	6 396	13 062	19 724	98 248	7 362	10 346	73 349
	GEORGIA	819	338	41 949	170 075	29 314	60 300	100 058	441 953	22 886	41 373	344 517
	FLORIDA	898	366	39 593	167 407	25 801	54 719	93 663	499 694	24 835	36 429	321 957
	EAST SOUTH CENTRAL	2 145	950	92 838	413 275	59 459	122 523	230 606	1 127 917	57 917	90 179	876 144
	KENTUCKY	498	221	23 849	127 458	15 710	32 018	75 972	444 402	16 456	27 198	364 215
	TENNESSEE	690	324	31 928	143 451	20 141	42 638	78 356	349 348	20 208	29 959	262 904
	ALABAMA	533	216	22 420	88 661	13 752	27 325	44 516	203 421	13 138	19 878	151 756
	MISSISSIPPI	424	189	14 641	53 705	9 856	20 542	31 762	130 946	8 115	13 144	97 269
	WEST SOUTH CENTRAL	3 490	1 390	137 029	600 721	89 445	187 631	335 558	1 601 535	125 524	136 385	1 220 265
	ARKANSAS	454	193	17 878	63 831	13 230	26 732	40 083	155 929	11 001	15 119	101 022
	LOUISIANA	692	317	29 588	130 645	19 748	41 265	76 765	367 891	29 779	30 316	276 700
	OKLAHOMA	457	157	14 212	66 419	8 668	18 182	34 706	148 173	10 977	15 415	131 901
	TEXAS	1 887	723	75 351	339 826	47 799	101 452	184 004	929 542	73 767	75 535	710 642
	WEST	6 278	2 316	273 410	1 525 151	192 331	373 378	942 697	3 863 923	243 201	272 395	3 038 435
	MOUNTAIN	1 670	548	52 946	271 889	35 092	72 672	163 501	648 399	50 971	49 556	482 346
	MONTANA	198	51	4 048	21 182	2 689	5 599	13 147	47 544	2 892	3 996	38 825
	IDAHO	223	82	9 131	41 788	7 170	14 784	29 038	108 211	7 559	7 885	77 556
	WYOMING	76	22	1 504	6 808	1 066	2 116	4 349	17 088	1 083	1 417	12 487
	COLORADO	464	155	18 597	103 770	12 554	26 072	64 912	252 251	24 046	17 451	175 882
	NEW MEXICO	156	52	3 595	16 216	2 026	4 213	7 731	34 537	2 526	3 507	29 176
	ARIZONA	230	76	6 597	34 544	3 606	7 702	17 441	78 150	7 035	5 660	56 955
	UTAH	277	95	8 463	41 150	5 490	11 197	24 219	99 108	5 071	8 864	83 814
	NEVADA	46	15	1 011	6 431	491	989	2 664	11 510	759	776	7 701
	PACIFIC	4 608	1 768	220 464	1 253 262	157 239	300 706	779 196	3 215 524	192 230	222 839	2 556 089
	WASHINGTON	682	264	26 704	151 826	19 392	37 428	98 796	360 950	16 193	26 487	297 396
	OREGON	510	172	19 938	99 151	14 847	27 296	64 130	234 720	13 479	19 555	199 289
	CALIFORNIA	3 067	1 209	155 731	926 986	108 663	210 455	563 993	2 413 049	149 435	157 709	1 906 805
	ALASKA	115	48	2 860	16 241	2 408	4 873	13 041	39 819	1 685	3 046	37 542
	HAWAII	234	75	15 231	59 058	11 929	20 654	39 236	166 986	11 438	16 042	115 057
201	MEAT PRODUCTS: TOTAL	5 300	2 018	299 576	1 640 752	238 524	485 425	1 212 177	2 882 580	135 966	312 086	2 502 467
	NORTHEAST	1 009	380	39 130	224 040	30 082	64 205	156 982	406 268	14 846	43 187	374 815
	NEW ENGLAND	210	64	8 172	42 307	6 490	13 626	30 185	83 321	2 397	10 092	84 358
	MAINE	33	8	1 669	6 095	1 446	2 920	4 620	12 829	486	1 715	11 149
	NEW HAMPSHIRE	15	7	545	2 658	436	914	1 831	4 142	122	654	3 929
	VERMONT	8	2	117	492	101	223	391	847	127	214	2 771
	MASSACHUSETTS	99	33	4 263	25 165	3 310	7 048	17 699	51 010	1 295	5 605	54 219
	RHODE ISLAND	16	2	237	899	184	355	582	1 781	165	314	2 212
	CONNECTICUT	39	12	1 341	6 998	1 013	2 166	5 062	12 712	202	1 590	10 078

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
201	MEAT PRODUCTS—CONTINUED											
	MIDDLE ATLANTIC	799	316	30 958	181 733	23 592	50 579	126 797	322 947	12 449	33 095	290 457
	NEW YORK	327	131	12 285	77 602	9 348	20 260	52 984	134 769	5 355	13 745	125 524
	NEW JERSEY	125	55	5 330	31 900	4 141	8 895	23 215	61 103	1 805	5 268	53 263
	PENNSYLVANIA	347	130	13 343	72 231	10 103	21 424	50 598	127 075	5 289	14 082	111 670
	NORTH CENTRAL	1 793	682	138 612	868 702	109 137	220 224	656 110	1 434 407	59 242	157 297	1 321 883
	EAST NORTH CENTRAL	1 176	409	56 474	346 216	43 661	90 431	251 444	617 860	26 024	70 570	591 654
	OHIO	303	111	12 167	74 922	9 261	19 267	51 691	139 747	5 817	14 668	110 754
	INDIANA	176	50	10 102	61 625	7 754	16 807	46 782	97 896	4 231	11 495	94 315
	ILLINOIS	291	105	18 383	113 658	14 292	29 131	83 465	203 655	7 335	26 370	226 185
	MICHIGAN	246	85	6 207	34 995	4 784	9 918	24 688	74 370	3 324	6 835	72 264
	WISCONSIN	160	58	9 615	61 016	7 570	15 308	44 818	102 192	5 317	11 202	88 146
	WEST NORTH CENTRAL	617	273	82 138	522 486	65 476	129 793	404 666	816 547	33 218	86 727	730 229
	MINNESOTA	91	44	18 436	117 495	14 748	28 148	91 033	173 804	6 279	19 217	165 373
	IOWA	118	62	25 659	171 683	20 247	40 229	133 311	281 560	9 328	27 332	230 456
	MISSOURI	153	60	11 064	63 886	8 838	17 368	47 625	95 762	6 713	11 951	85 928
	NORTH DAKOTA	18	7	423	1 880	347	652	1 574	5 562	108	763	5 827
	SOUTH DAKOTA	26	13	4 922	30 716	3 974	7 864	24 030	59 676	2 327	4 903	53 427
	NEBRASKA	109	52	12 613	78 749	10 300	20 964	62 426	115 537	5 700	13 360	115 901
	KANSAS	102	35	9 021	58 077	7 022	14 568	44 667	84 646	2 763	9 201	73 367
	SOUTH	1 685	665	89 843	350 393	74 488	149 494	256 471	677 191	41 813	80 267	517 655
	SOUTH ATLANTIC	691	287	40 606	153 466	33 976	68 371	113 123	297 880	15 346	37 528	226 254
	DELAWARE	18	11	1 671	5 574	1 476	3 021	4 568	10 222	(D)	1 774	8 638
	MARYLAND	76	38	7 499	33 593	6 222	12 084	24 446	60 964	1 675	6 192	43 991
	VIRGINIA	89	38	6 417	25 633	5 384	10 813	19 262	53 971	2 405	5 703	35 790
	WEST VIRGINIA	41	12	809	3 464	609	1 343	2 306	6 255	327	(D)	(D)
	NORTH CAROLINA	170	65	7 230	21 792	6 211	11 598	16 489	48 308	2 500	5 824	28 160
	GEORGIA	155	66	10 999	39 258	9 446	19 554	29 902	71 100	2 868	11 126	62 601
	FLORIDA	78	34	3 677	15 535	2 842	6 107	10 292	27 887	1 881	3 560	24 316
	EAST SOUTH CENTRAL	374	154	21 910	88 640	18 020	36 133	64 492	153 050	12 203	17 100	120 820
	KENTUCKY	93	26	3 309	18 260	2 519	5 349	12 516	30 667	3 943	3 157	28 367
	TENNESSEE	105	47	6 352	30 436	4 967	10 621	21 478	47 542	2 871	5 284	40 155
	ALABAMA	98	46	6 918	21 544	6 001	10 914	16 579	42 349	3 173	5 053	31 163
	MISSISSIPPI	78	35	5 331	18 400	4 533	9 249	13 919	32 492	2 216	3 606	21 135
	WEST SOUTH CENTRAL	620	224	27 327	108 287	22 492	44 990	78 856	226 261	14 264	25 639	170 581
	TEXAS	342	129	15 569	65 054	12 415	24 843	46 519	132 252	7 195	15 202	100 763
	WEST	812	290	31 972	197 538	24 798	51 471	142 557	362 947	20 040	31 335	288 104
	MOUNTAIN	272	85	9 942	57 547	7 829	15 658	43 413	104 658	3 855	8 616	74 609
	IDAHO	43	13	1 023	5 371	750	1 471	3 573	8 443	435	833	8 389
	COLORADO	74	26	4 613	28 727	3 740	7 334	22 515	52 360	1 724	3 825	36 411
	ARIZONA	27	8	802	4 804	636	1 398	3 792	8 301	203	746	6 544
	UTAH	44	18	1 763	9 761	1 371	2 750	7 088	16 816	665	1 822	13 780
	PACIFIC	540	205	22 030	139 991	16 969	35 813	99 144	258 289	16 185	22 719	213 495
	WASHINGTON	98	31	3 573	21 754	2 809	5 576	16 169	40 663	1 188	3 322	31 917
	OREGON	93	18	1 949	11 572	1 487	2 834	8 147	16 136	1 167	2 304	20 778
	CALIFORNIA	331	149	16 083	105 030	12 355	26 786	73 773	196 323	13 601	16 765	157 566
202	DAIRIES, TOTAL	7 885	2 885	256 828	1 394 222	117 195	250 258	584 535	3 184 867	195 971	294 805	2 876 113
	NORTHEAST	2 157	750	63 394	356 677	28 593	59 764	147 166	803 969	48 171	74 837	733 489
	NEW ENGLAND	683	189	15 696	81 703	6 762	14 056	30 797	216 991	13 352	19 099	168 642
	MAINE	74	17	1 375	6 511	649	1 415	2 556	16 294	779	1 473	14 549
	NEW HAMPSHIRE	62	15	1 011	4 578	405	871	1 719	11 098	545	799	5 724
	VERMONT	69	17	1 164	5 405	745	1 549	3 079	11 991	799	1 062	10 372
	MASSACHUSETTS	286	82	7 276	36 158	3 181	6 594	14 493	110 526	6 425	9 494	78 883
	RHODE ISLAND	58	22	1 355	7 031	504	1 069	2 345	17 350	1 560	1 642	12 843
	CONNECTICUT	134	36	3 515	22 020	1 278	2 558	6 605	49 732	3 244	4 629	46 271
	MIDDLE ATLANTIC	1 474	561	47 698	274 974	21 831	45 708	116 369	586 978	34 819	55 738	564 847
	NEW YORK	673	234	19 753	115 807	9 902	20 725	54 120	366 400	14 796	23 682	256 885
	NEW JERSEY	191	79	6 513	41 571	3 051	6 373	17 561	83 168	4 360	7 541	84 097
	PENNSYLVANIA	610	248	21 432	117 596	8 878	18 610	44 688	248 510	15 663	24 515	223 865
	NORTH CENTRAL	3 577	1 100	94 707	507 490	49 068	105 591	242 478	1 187 895	78 577	112 900	1 091 373
	EAST NORTH CENTRAL	2 225	754	64 232	351 720	32 394	68 825	164 891	839 639	51 301	76 512	757 231
	OHIO	377	174	18 579	101 361	7 109	15 348	37 854	215 413	12 657	20 707	199 161
	INDIANA	165	91	6 810	36 706	2 950	6 637	14 240	82 354	4 389	8 977	81 297
	ILLINOIS	310	158	11 561	73 932	5 653	11 878	33 931	179 369	8 537	14 741	148 608
	MICHIGAN	346	129	9 609	53 171	4 620	9 818	24 435	132 803	8 484	12 600	142 770
	WISCONSIN	1 027	202	17 673	86 550	12 062	25 144	54 431	229 700	17 234	19 487	185 395
	WEST NORTH CENTRAL	1 352	346	30 475	155 770	16 674	36 766	77 587	348 256	27 276	36 388	334 142
	MINNESOTA	520	104	9 101	46 839	5 674	12 579	27 782	110 103	9 290	11 325	100 995
	IOWA	342	70	5 879	28 891	3 110	7 161	13 816	65 676	5 805	7 025	71 639
	MISSOURI	138	66	6 997	39 423	3 682	7 671	18 061	79 932	4 623	8 677	75 519
	NORTH DAKOTA	92	13	1 081	4 686	706	1 609	2 934	10 990	867	1 179	11 638
	SOUTH DAKOTA	69	19	1 402	6 255	765	1 842	3 155	17 738	795	1 329	12 801
	NEBRASKA	77	34	2 737	13 545	1 164	2 596	5 153	30 607	2 104	3 000	28 085
	KANSAS	115	40	3 284	16 155	1 576	3 314	6 698	33 248	3 798	3 853	33 465

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
202	DAIRIES—CONTINUED											
	SOUTH	1 167	659	61 532	297 311	23 675	52 363	101 252	721 467	(D)	67 389	613 928
	SOUTH ATLANTIC	483	282	29 396	142 852	10 795	24 048	47 647	343 206	(D)	32 023	289 901
	DELAWARE	21	6	550	2 970	246	521	1 198	8 736	316	786	9 764
	MARYLAND	62	40	4 253	22 952	1 520	3 070	7 249	56 720	3 450	4 513	43 701
	DISTRICT OF COLUMBIA	6	6	1 802	12 541	458	1 007	2 855	22 641	1 279	2 421	23 023
	VIRGINIA	74	53	4 370	20 209	1 719	3 852	7 367	45 326	2 826	4 674	39 360
	WEST VIRGINIA	44	27	1 873	9 365	751	1 608	3 348	20 820	926	2 502	24 257
	NORTH CAROLINA	65	42	4 875	20 351	1 745	4 118	6 792	58 735	(D)	5 006	46 638
	SOUTH CAROLINA	41	21	1 892	8 095	824	3 144	19 243	797	797	1 958	16 054
	GEORGIA	82	39	4 215	19 175	1 722	3 956	7 522	36 328	2 326	4 183	33 448
	FLORIDA	88	48	5 566	27 194	1 810	4 192	8 172	74 657	3 286	5 980	53 656
	EAST SOUTH CENTRAL	344	199	14 997	70 107	6 593	13 992	27 427	168 900	11 379	15 931	143 105
	KENTUCKY	98	59	3 915	18 597	1 895	3 939	8 266	47 371	2 271	4 745	43 388
	TENNESSEE	118	72	4 994	23 853	2 447	5 299	10 227	57 502	3 979	5 615	50 530
	ALABAMA	65	32	3 935	18 481	1 252	2 689	5 063	39 060	3 521	3 469	31 400
	MISSISSIPPI	63	36	2 153	9 176	995	2 065	3 871	24 967	1 608	2 102	17 787
	WEST SOUTH CENTRAL	340	178	17 139	84 352	6 287	14 323	26 178	209 361	9 568	19 435	180 922
	OKLAHOMA	51	27	2 869	14 636	1 064	2 463	4 617	32 485	1 811	3 305	31 798
	TEXAS	162	91	10 011	48 989	3 489	7 993	14 146	124 688	4 670	11 421	106 515
	WEST	984	377	36 813	231 602	15 982	34 412	94 855	472 657	28 612	39 679	436 222
	MOUNTAIN	345	126	10 363	53 428	4 646	9 524	21 859	115 784	7 255	10 316	100 919
	MONTANA	61	13	982	4 814	469	1 003	2 018	10 347	769	871	8 313
	IDAHO	58	26	1 657	7 815	1 114	2 239	4 872	19 701	617	1 597	16 961
	COLORADO	88	31	2 473	13 783	932	1 966	4 881	30 129	1 354	3 007	27 775
	ARIZONA	34	16	1 793	9 317	737	1 479	3 824	16 990	1 167	1 309	17 333
	UTAH	54	17	1 927	9 422	766	1 475	3 263	21 673	1 391	1 921	16 765
	NEVADA	11	6	465	3 004	162	319	1 019	3 792	322	317	3 489
	PACIFIC	639	251	26 450	178 174	11 336	24 888	72 996	356 873	21 357	29 363	335 303
	WASHINGTON	95	43	3 934	26 537	1 799	3 616	11 934	54 852	3 323	4 810	49 474
	OREGON	90	28	2 506	15 303	1 006	1 963	5 652	29 608	3 383	3 114	34 507
	CALIFORNIA	431	174	19 124	131 059	8 269	18 750	53 876	262 307	14 062	20 436	241 988
203	CANNED AND FROZEN FOODS: TOTAL	3 969	1 974	244 824	959 688	212 474	399 436	736 997	2 778 810	176 282	234 093	1 969 487
	NORTHEAST	854	392	46 036	192 672	39 440	77 872	146 712	619 374	27 499	46 863	440 112
	NEW ENGLAND	253	119	10 408	37 946	8 876	16 800	28 154	94 330	4 426	9 805	67 035
	MAINE	91	58	5 263	16 406	4 756	8 774	13 709	38 222	2 260	4 794	28 189
	NEW HAMPSHIRE	9	2	153	603	118	260	392	1 422	51	(D)	(D)
	MASSACHUSETTS	118	51	4 529	19 068	3 612	7 043	12 734	44 749	1 973	4 227	32 519
	CONNECTICUT	22	4	298	1 273	243	456	910	8 783	109	315	3 375
	MIDDLE ATLANTIC	601	273	35 628	154 726	30 564	61 072	118 558	525 044	23 073	37 058	373 077
	NEW YORK	334	146	15 473	64 541	13 438	27 724	49 696	211 267	10 721	16 096	156 049
	NEW JERSEY	121	58	10 221	50 388	8 471	16 482	37 461	153 080	5 773	10 580	117 749
	PENNSYLVANIA	146	69	9 934	39 797	8 655	16 866	31 401	160 697	6 579	10 382	99 279
	NORTH CENTRAL	871	423	50 266	205 495	42 367	84 385	148 242	663 915	48 234	45 675	403 137
	EAST NORTH CENTRAL	706	354	38 811	162 843	32 474	64 597	116 067	532 122	39 548	35 715	329 866
	OHIO	139	53	6 358	28 014	5 098	10 186	18 913	125 874	3 774	4 973	58 104
	INDIANA	88	48	6 213	22 768	5 158	9 724	15 823	73 723	1 936	5 256	37 220
	ILLINOIS	171	74	10 425	54 645	8 315	17 005	37 538	168 984	22 451	9 444	118 586
	MICHIGAN	162	78	7 372	27 198	6 346	12 220	20 516	91 687	5 139	7 132	59 525
	WISCONSIN	146	101	8 443	30 218	7 557	15 462	23 277	71 854	6 248	8 910	56 431
	WEST NORTH CENTRAL	165	69	11 455	42 652	9 893	19 788	32 175	131 793	8 686	9 960	73 271
	MINNESOTA	61	33	5 296	18 768	4 622	8 876	14 177	54 613	2 942	4 161	37 013
	IOWA	28	11	1 860	7 255	1 583	3 152	5 360	24 377	4 179	1 808	12 744
	NORTH DAKOTA	5	2	229	866	202	419	726	4 508	249	(D)	(D)
	NEBRASKA	13	6	1 362	6 128	1 060	2 151	3 868	16 354	458	(D)	(D)
	SOUTH	1 116	605	62 859	183 392	54 916	101 246	140 558	509 556	41 686	58 469	355 921
	SOUTH ATLANTIC	739	412	42 139	123 549	36 961	68 390	95 910	365 571	23 760	39 214	244 826
	DELAWARE	31	26	2 428	6 804	2 235	3 897	5 633	16 040	(D)	2 231	9 567
	MARYLAND	185	116	8 992	22 633	7 924	13 351	17 427	46 232	3 381	9 687	45 812
	VIRGINIA	166	90	7 029	19 892	6 235	11 161	15 599	56 895	1 700	6 716	34 900
	WEST VIRGINIA	11	5	665	1 943	580	1 133	1 654	5 921	479	(D)	(D)
	NORTH CAROLINA	58	24	2 352	7 063	2 041	3 619	5 150	22 725	1 021	1 289	7 268
	SOUTH CAROLINA	34	15	969	1 938	861	1 164	1 480	6 323	175	(D)	(D)
	GEORGIA	60	33	5 419	14 451	4 860	8 822	11 248	32 905	2 457	5 072	24 623
	FLORIDA	191	102	14 229	48 518	12 188	25 164	37 549	177 780	13 665	12 732	114 659
	EAST SOUTH CENTRAL	83	51	5 166	15 851	4 374	8 374	11 359	39 637	1 576	4 989	38 419
	TENNESSEE	30	17	2 410	6 871	2 081	3 902	5 181	15 127	515	2 167	14 220
	MISSISSIPPI	20	12	795	1 984	689	1 258	1 561	4 286	96	(D)	(D)
	WEST SOUTH CENTRAL	294	142	15 554	43 992	13 581	24 482	33 289	104 338	16 350	14 266	72 676
	ARKANSAS	32	19	2 847	8 479	2 629	4 673	6 914	18 945	1 299	3 078	10 611
	LOUISIANA	92	49	4 615	11 706	3 960	6 305	8 271	29 783	1 271	3 677	16 377

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
203	CANNED AND FROZEN FOODS-CONTINUED WEST.	1 130	556	85 748	378 576	75 812	136 077	301 775	988 829	58 929	83 330	770 317
	MOUNTAIN.	112	47	6 168	24 020	5 373	11 120	18 241	57 393	4 073	5 448	35 635
	IDAHO.	32	20	4 133	16 623	3 602	7 236	12 398	41 752	3 415	(D)	(D)
	COLORADO.	33	10	1 106	3 600	984	2 077	2 956	6 476	240	1 161	6 483
	UTAH.	27	11	568	2 361	491	1 162	1 811	6 566	127	(D)	(D)
	PACIFIC.	1 018	509	79 580	354 556	70 439	124 957	283 534	931 436	54 856	77 882	734 682
	WASHINGTON.	194	95	9 013	39 791	8 111	15 172	32 808	94 356	4 472	7 773	76 672
	OREGON.	119	65	9 161	35 947	8 299	14 642	29 498	84 298	4 408	7 889	63 719
	CALIFORNIA.	575	300	51 619	243 068	45 027	80 312	191 430	656 233	42 694	51 206	520 509
	ALASKA.	85	40	2 285	12 795	2 077	4 155	11 136	33 537	1 385	2 535	31 396
	HAWAII.	45	9	7 502	22 955	6 925	10 676	18 662	63 012	1 897	8 479	42 386
204	GRAIN MILLS, TOTAL.	3 555	1 088	113 103	646 878	78 605	171 840	418 994	2 271 054	127 722	118 984	1 855 613
	NORTHEAST.	456	132	13 163	77 294	9 571	20 369	51 174	259 088	11 722	14 193	225 624
	MAINE.	25	5	289	1 513	217	547	1 072	6 732	922	314	7 428
	NEW HAMPSHIRE.	5	3	145	688	88	177	353	1 537	109	118	1 061
	VERMONT.	11	5	610	3 404	467	975	2 351	13 930	381	811	13 422
	NEW JERSEY.	45	18	1 212	7 895	740	1 643	3 611	20 575	1 586	874	13 971
	PENNSYLVANIA.	193	40	3 162	15 853	2 116	4 617	9 667	62 224	2 577	3 014	45 095
	NORTH CENTRAL.	1 242	408	56 968	357 717	40 039	87 482	240 607	1 269 629	76 382	59 785	1 032 700
	EAST NORTH CENTRAL.	533	174	32 503	209 701	23 749	50 537	146 689	800 481	47 139	33 761	620 503
	OHIO.	128	41	4 076	24 065	3 143	6 661	17 113	107 994	3 495	4 857	91 396
	INDIANA.	97	33	5 128	33 046	3 444	7 618	21 024	108 665	7 066	4 907	76 202
	ILLINOIS.	147	65	14 609	95 296	10 457	22 344	66 341	365 323	23 170	14 739	275 701
	MICHIGAN.	78	17	6 933	46 438	5 653	11 460	36 364	182 272	11 108	7 627	156 889
	WISCONSIN.	83	18	1 757	10 856	1 052	2 454	5 847	36 227	2 300	1 631	20 315
	WEST NORTH CENTRAL.	709	234	24 465	148 016	16 290	36 945	93 918	469 148	29 243	26 024	412 197
	MINNESOTA.	122	38	3 215	20 564	2 156	4 702	12 241	62 806	2 437	3 734	54 577
	IOWA.	173	57	8 409	52 730	5 118	11 260	30 281	177 034	11 839	8 539	144 828
	MISSOURI.	110	36	4 804	26 732	3 286	7 094	18 821	88 551	7 216	6 431	106 624
	NORTH DAKOTA.	14	5	367	2 294	219	505	1 212	6 594	98	(D)	(D)
	SOUTH DAKOTA.	21	7	370	2 247	205	467	1 015	7 126	460	(D)	(D)
	NEBRASKA.	144	45	3 580	20 418	2 566	6 389	14 071	65 668	4 062	3 190	42 362
	KANSAS.	125	46	3 720	23 031	2 740	6 528	16 277	61 369	3 131	3 611	56 153
	SOUTH.	1 298	388	29 947	133 156	20 213	44 683	78 352	466 724	25 106	31 211	376 699
	SOUTH ATLANTIC.	591	133	9 593	40 294	6 155	13 414	21 266	145 107	9 015	10 883	137 748
	DELAWARE.	17	8	508	2 788	243	573	1 184	9 029	(D)	626	14 092
	SOUTH CAROLINA.	49	11	825	3 145	527	1 095	1 515	8 459	610	699	5 603
	GEORGIA.	152	33	2 143	9 155	1 405	3 202	5 057	36 881	2 878	2 177	32 428
	EAST SOUTH CENTRAL.	297	86	7 546	34 440	5 199	11 532	21 267	140 581	7 897	7 736	92 774
	TENNESSEE.	101	36	3 446	16 158	2 441	5 173	10 247	69 074	4 575	3 151	38 090
	ALABAMA.	83	18	1 889	9 124	1 136	2 624	4 986	33 047	1 603	2 005	22 274
	WEST SOUTH CENTRAL.	410	169	12 808	58 422	8 859	19 737	35 819	181 036	8 194	12 592	146 177
	ARKANSAS.	68	29	2 110	8 152	1 405	3 217	4 739	33 223	1 196	1 431	17 849
	LOUISIANA.	64	29	1 855	6 943	1 423	3 195	4 741	19 719	838	(D)	(D)
	OKLAHOMA.	51	22	1 412	7 263	961	2 145	4 556	20 173	1 515	1 671	20 201
	TEXAS.	227	89	7 431	36 064	5 070	11 180	21 783	107 921	4 645	(D)	(D)
	WEST.	561	160	13 025	78 712	8 781	19 308	48 858	273 179	14 544	13 795	220 670
	MOUNTAIN.	196	47	3 447	18 178	2 423	5 885	11 722	54 243	4 250	3 557	45 884
	MONTANA.	19	7	318	1 728	249	537	1 304	4 541	323	371	3 873
	NEW MEXICO.	16	4	262	1 108	186	355	526	2 394	110	283	2 345
	ARIZONA.	16	8	481	2 640	272	595	1 214	9 305	1 612	443	3 708
	UTAH.	43	9	800	4 327	555	1 343	2 844	13 574	773	858	17 929
	PACIFIC.	365	113	9 578	60 534	6 358	13 423	37 136	218 936	10 294	10 238	174 786
	WASHINGTON.	56	13	1 536	8 994	1 102	2 150	6 239	26 155	1 022	1 921	27 733
	CALIFORNIA.	254	83	6 935	45 550	4 488	9 701	26 785	173 513	8 038	7 031	129 644
205	BAKERY PRODUCTS, TOTAL.	5 366	2 112	280 144	1 513 350	164 014	335 593	796 621	3 030 822	121 709	302 307	2 642 136
	NORTHEAST.	1 965	645	89 035	490 640	53 812	111 079	271 207	964 344	41 599	98 013	823 474
	NEW ENGLAND.	472	142	18 010	93 569	10 256	21 284	48 694	170 123	7 817	(D)	(D)
	MAINE.	45	15	2 003	9 708	1 259	2 573	5 349	23 811	482	2 032	16 986
	NEW HAMPSHIRE.	25	5	548	2 960	257	571	1 098	5 215	335	647	4 248
	VERMONT.	14	5	417	2 045	226	485	934	3 900	59	398	3 383
	MASSACHUSETTS.	229	76	9 715	49 842	5 676	11 698	26 346	88 113	4 875	(D)	(D)
	RHODE ISLAND.	58	14	2 175	11 160	994	2 183	5 247	17 797	457	(D)	(D)
	CONNECTICUT.	101	27	3 152	17 854	1 844	3 774	9 720	31 287	1 609	(D)	(D)
	MIDDLE ATLANTIC.	1 493	503	71 025	397 071	43 556	89 795	222 513	794 221	33 782	(D)	(D)
	NEW YORK.	671	210	30 847	184 140	17 844	36 138	95 283	336 345	10 201	(D)	(D)
	NEW JERSEY.	261	91	13 476	73 457	8 924	18 517	45 315	170 774	13 083	(D)	(D)
	PENNSYLVANIA.	561	202	26 702	139 474	16 788	35 140	81 915	287 102	10 498	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
205	BAKERY PRODUCTS—CONTINUED											
	NORTH CENTRAL	1 487	602	82 486	440 046	49 483	100 101	241 267	882 547	29 912	94 115	822 983
	EAST NORTH CENTRAL	1 044	425	60 684	327 990	37 179	76 086	184 647	671 772	23 505	(D)	(D)
	OHIO	275	118	17 029	92 219	9 981	20 394	50 372	192 554	5 418	(D)	(D)
	INDIANA	126	52	6 193	32 298	3 312	6 874	15 680	59 183	1 806	(D)	(D)
	ILLINOIS	307	125	19 622	111 481	12 984	26 867	67 588	264 299	11 675	(D)	(D)
	MICHIGAN	224	77	11 017	60 411	6 848	13 900	34 393	100 267	2 816	(D)	(D)
	WISCONSIN	112	53	6 823	31 581	4 054	8 051	16 614	55 469	1 790	(D)	(D)
	WEST NORTH CENTRAL	443	177	21 802	112 056	12 304	24 015	56 620	210 775	6 407	(D)	(D)
	IOWA	85	27	3 882	18 458	2 264	4 369	9 100	33 706	781	(D)	(D)
	MISSOURI	114	61	8 175	44 199	4 710	8 875	22 805	86 675	2 686	(D)	(D)
	NORTH DAKOTA	26	6	567	2 647	290	592	1 148	5 293	207	(D)	(D)
	NEBRASKA	30	14	2 128	11 216	910	1 925	4 426	17 554	443	(D)	(D)
	KANSAS	60	23	2 505	12 692	1 543	3 251	7 259	28 849	1 006	(D)	(D)
	SOUTH	1 117	564	70 407	336 711	39 074	82 371	162 026	699 371	30 031	71 158	590 884
	SOUTH ATLANTIC	514	276	37 060	178 037	21 182	44 326	88 190	377 638	14 574	(D)	(D)
	DELAWARE	13	4	512	3 035	245	523	1 237	5 126	181	289	3 673
	MARYLAND	79	39	5 050	25 142	2 844	6 149	12 778	48 818	1 295	(D)	(D)
	DISTRICT OF COLUMBIA	19	12	1 752	10 835	971	1 913	5 308	20 557	224	1 663	16 932
	VIRGINIA	65	46	4 715	22 095	2 771	5 822	11 751	43 363	2 192	(D)	(D)
	WEST VIRGINIA	46	26	2 886	11 904	1 177	2 730	5 367	22 866	803	2 846	22 231
	NORTH CAROLINA	89	57	8 145	36 568	4 281	8 828	15 196	76 159	4 130	(D)	(D)
	SOUTH CAROLINA	23	12	1 789	7 646	897	1 911	3 368	15 378	675	1 742	13 271
	GEORGIA	65	38	7 126	33 476	4 832	9 812	19 824	91 427	2 458	(D)	(D)
	FLORIDA	115	42	5 685	27 336	3 164	6 638	13 361	53 944	2 616	(D)	(D)
	EAST SOUTH CENTRAL	214	116	13 456	63 075	7 274	15 258	30 139	123 934	5 239	(D)	(D)
	KENTUCKY	41	23	2 751	14 569	1 553	3 201	7 147	26 781	746	(D)	(D)
	TENNESSEE	87	50	5 815	26 063	3 344	7 155	12 860	50 654	2 154	(D)	(D)
	ALABAMA	57	29	3 491	16 458	1 777	3 655	7 316	31 277	1 748	(D)	(D)
	MISSISSIPPI	29	14	1 399	5 985	600	1 247	2 816	15 222	591	(D)	(D)
	WEST SOUTH CENTRAL	389	172	19 891	95 599	10 618	22 787	43 697	197 799	10 218	(D)	(D)
	ARKANSAS	38	17	1 625	7 948	918	1 917	3 639	15 758	825	(D)	(D)
	LOUISIANA	68	32	3 928	18 619	1 749	3 737	6 890	37 323	3 077	(D)	(D)
	OKLAHOMA	80	27	2 378	11 870	1 311	2 734	5 754	22 532	1 009	(D)	(D)
	TEXAS	203	96	11 960	57 162	6 640	14 399	27 414	122 186	5 307	(D)	(D)
	WEST	797	301	38 216	245 953	21 684	42 042	122 137	485 772	20 111	39 021	405 812
	MOUNTAIN	239	81	7 937	38 958	4 501	8 936	20 508	86 377	3 895	(D)	(D)
	MONTANA	28	11	663	3 315	345	696	1 665	6 636	444	701	5 771
	IDAHO	21	6	453	2 146	246	491	1 040	4 216	115	530	3 989
	WYOMING	13	2	175	683	103	208	313	1 289	34	226	1 282
	COLORADO	69	26	3 215	16 279	1 976	3 885	9 618	39 215	1 847	(D)	(D)
	NEW MEXICO	28	11	863	3 807	415	894	1 498	7 521	279	844	7 289
	ARIZONA	41	9	1 220	6 270	595	1 212	2 822	13 820	762	(D)	(D)
	UTAH	28	13	1 112	4 947	673	1 240	2 798	10 842	229	(D)	(D)
	NEVADA	11	3	236	1 511	148	310	754	2 838	185	216	1 681
	PACIFIC	558	220	30 279	206 995	17 183	33 106	101 629	399 395	16 216	(D)	(D)
	WASHINGTON	87	35	3 655	22 536	2 266	4 266	12 117	40 177	1 036	(D)	(D)
	OREGON	58	24	3 064	18 519	1 914	3 760	10 525	45 912	1 397	(D)	(D)
	CALIFORNIA	379	147	22 594	160 960	12 396	23 918	76 264	303 738	13 558	(D)	(D)
	ALASKA	13	4	215	1 423	154	328	1 007	2 538	68	185	2 565
	HAWAII	21	10	751	3 557	453	834	1 716	7 030	157	826	6 261
206	SUGAR, TOTAL	164	160	32 003	189 229	25 895	56 684	145 756	590 802	73 611	32 864	383 052
	NORTHEAST	8	8	5 556	42 093	3 983	8 560	29 297	112 714	9 626	7 101	80 880
	NEW YORK	4	4	2 958	22 301	2 058	4 365	15 035	53 370	5 121	3 636	39 184
	NORTH CENTRAL	24	23	3 062	17 746	2 640	6 265	14 349	51 327	7 603	2 788	31 865
	EAST NORTH CENTRAL	11	11	1 274	7 542	1 066	2 684	5 936	16 699	1 817	(D)	(D)
	WEST NORTH CENTRAL	13	12	1 788	10 204	1 574	3 581	8 413	34 628	5 786	(D)	(D)
	SOUTH	62	60	9 000	54 015	7 278	17 612	42 790	172 721	30 107	9 449	101 525
	SOUTH ATLANTIC	11	11	2 895	18 475	2 159	5 249	13 856	63 950	5 485	(D)	(D)
	WEST SOUTH CENTRAL	51	49	6 105	35 540	5 119	12 363	28 934	108 771	24 622	(D)	(D)
	WEST	70	69	14 385	75 375	12 020	24 247	59 582	253 900	26 275	13 526	168 828
	MOUNTAIN	30	29	4 693	25 235	4 161	9 143	21 284	81 718	7 212	4 387	57 940
	MONTANA	4	4	665	3 672	580	1 293	3 013	8 561	513	594	8 193
	PACIFIC	40	40	9 692	50 140	7 859	15 104	38 298	172 182	19 063	9 139	110 888
	CALIFORNIA	12	12	4 509	24 575	3 981	6 957	20 332	76 456	9 963	4 192	49 845

See footnotes at end of table.

TABLE 2 General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
207	CANDY AND RELATED PRODUCTS, TOTAL. .	1 263	451	77 944	349 982	63 568	123 788	246 743	956 037	39 346	80 351	752 419
	NORTHEAST	440	173	36 313	168 148	29 528	57 023	118 530	477 730	16 279	38 192	378 921
	NEW ENGLAND	75	36	6 932	30 524	5 770	11 108	21 875	83 527	2 229	8 008	64 533
	MASSACHUSETTS.	55	30	5 965	26 224	4 939	9 470	18 698	72 312	2 061	7 049	51 606
	MIDDLE ATLANTIC	365	137	29 381	137 624	23 758	45 915	96 655	394 203	14 050	30 184	314 388
	NEW JERSEY	69	23	3 955	21 010	3 198	6 286	13 743	53 995	2 185	3 736	35 998
	NORTH CENTRAL	328	132	23 939	114 026	19 320	38 391	78 636	304 762	12 122	24 054	245 035
	EAST NORTH CENTRAL.	255	100	19 645	98 394	15 654	31 593	67 011	272 533	10 798	20 344	219 476
	INDIANA.	13	6	1 081	5 344	922	1 979	4 087	14 618	664	775	6 437
	WEST NORTH CENTRAL.	73	32	4 294	15 632	3 666	6 798	11 625	32 229	1 324	3 710	25 559
	MINNESOTA.	24	10	1 154	4 863	983	2 093	3 613	11 796	724	981	8 103
	MISSOURI	26	15	1 467	5 067	1 189	2 142	3 658	7 861	208	1 214	6 929
	SOUTH	259	73	10 494	36 105	8 870	16 989	26 350	83 656	5 089	10 725	72 169
	MARYLAND	26	7	518	1 526	437	776	1 096	3 718	194	629	4 470
	FLORIDA.	22	5	344	1 110	286	571	801	2 774	152	307	1 419
	KENTUCKY	13	2	127	404	111	211	338	528	29	504	1 663
	TENNESSEE.	19	5	976	3 905	781	1 534	2 600	8 658	495	968	6 143
	ALABAMA.	11	5	501	1 417	460	932	1 253	2 003	95	482	1 867
	LOUISIANA.	11	4	381	1 194	313	629	719	1 838	63	368	2 155
	OKLAHOMA	14	3	534	1 607	489	937	1 373	2 272	368	(D)	(D)
	TEXAS.	61	12	1 612	6 260	1 340	2 616	4 382	12 578	566	1 687	12 045
	WEST.	236	73	7 198	31 703	5 850	11 385	23 227	89 889	5 745	7 380	56 294
	MOUNTAIN.	39	8	1 161	3 907	1 007	1 862	2 932	8 229	520	1 047	4 796
	COLORADO	12	2	499	1 553	460	829	1 376	3 766	(D)	492	1 897
	UTAH	19	6	592	2 195	486	937	1 436	3 920	119	496	2 616
	PACIFIC	197	65	6 037	27 796	4 843	9 523	20 295	81 660	5 225	6 333	51 498
	OREGON	16	5	345	1 228	308	482	981	3 931	110	277	1 948
	CALIFORNIA	142	52	4 797	22 542	3 829	7 658	16 630	69 419	4 954	5 197	43 451
208	BEVERAGES, TOTAL	5 018	1 997	204 621	1 225 494	108 551	218 517	603 712	3 724 834	225 084	206 985	2 856 112
	NORTHEAST	1 205	382	49 968	329 687	27 333	53 443	167 108	909 859	46 097	55 040	763 773
	NEW ENGLAND	339	97	8 501	46 399	4 287	8 817	21 792	134 323	6 396	8 289	97 030
	MAINE.	45	11	565	2 391	282	619	963	6 301	340	516	4 051
	MASSACHUSETTS.	148	42	4 175	23 665	2 005	4 218	10 641	54 474	2 707	4 273	40 952
	RHODE ISLAND	36	6	1 254	7 631	813	1 584	4 802	18 174	1 033	1 265	14 427
	CONNECTICUT.	73	25	1 849	9 586	887	1 785	4 158	46 797	1 781	1 697	33 429
	MIDDLE ATLANTIC	866	285	41 467	283 288	23 046	44 626	145 316	775 536	39 701	46 751	666 743
	NEW YORK	382	118	18 885	136 406	9 836	19 058	64 165	378 561	18 391	(D)	(D)
	NEW JERSEY	157	59	10 234	73 417	6 232	11 827	43 001	204 370	9 294	(D)	(D)
	PENNSYLVANIA	327	108	12 348	73 465	6 978	13 741	38 150	192 605	12 016	13 673	181 365
	NORTH CENTRAL	1 335	509	64 501	413 825	37 838	75 365	225 366	1 236 730	74 610	65 725	951 195
	EAST NORTH CENTRAL.	898	346	45 842	296 007	26 293	53 108	155 632	911 520	51 015	47 853	685 844
	OHIO	208	84	9 132	54 578	4 521	9 054	24 513	141 245	12 504	10 753	122 469
	INDIANA.	113	50	6 376	37 575	4 020	8 397	21 933	149 647	4 990	6 245	101 738
	ILLINOIS	263	98	12 393	80 918	6 943	14 158	41 512	307 072	11 369	11 464	187 915
	MICHIGAN	134	56	6 519	43 002	3 586	7 074	20 638	94 240	7 206	6 561	80 975
	WISCONSIN.	180	58	11 422	79 934	7 223	14 425	47 036	219 316	14 946	12 830	192 747
	WEST NORTH CENTRAL.	437	163	18 659	117 818	11 545	22 257	69 734	325 210	23 595	17 872	265 351
	MINNESOTA.	98	44	4 328	27 658	2 641	5 079	16 594	75 735	5 394	4 944	73 415
	IOWA	70	26	1 970	10 717	941	1 996	4 139	23 466	4 521	1 639	15 004
	MISSOURI	128	51	9 322	63 534	6 363	11 802	42 087	186 109	(D)	8 417	146 600
	SOUTH DAKOTA	14	5	224	1 021	107	222	377	1 790	160	270	1 991
	SOUTH	1 715	841	64 910	316 554	29 834	62 725	129 929	1 028 099	63 276	61 533	725 948
	MARYLAND	72	41	6 059	37 361	3 276	6 747	18 058	130 528	3 253	5 890	90 768
	DISTRICT OF COLUMBIA	7	3	297	1 709	71	186	310	3 345	42	347	3 636
	VIRGINIA	105	64	3 848	17 983	1 419	3 285	5 097	43 875	4 695	3 268	29 326
	NORTH CAROLINA	133	87	4 711	21 955	1 540	3 587	5 786	51 665	4 797	4 382	34 886
	SOUTH CAROLINA	78	38	2 309	8 487	817	1 749	2 218	19 818	1 205	2 185	16 507
	GEORGIA.	139	72	4 998	22 513	1 928	4 198	6 871	84 267	4 362	4 255	53 810
	FLORIDA.	161	80	5 143	24 707	2 140	4 568	9 188	65 744	4 811	3 951	34 284
	KENTUCKY	122	74	10 003	57 257	7 022	13 530	36 987	279 505	6 938	11 629	218 471
	LOUISIANA.	88	47	4 351	21 373	2 168	4 507	10 429	58 885	8 066	4 660	56 280
	TEXAS.	282	111	9 839	48 453	4 340	9 510	18 356	144 253	15 576	9 126	101 915
	WEST.	763	265	25 242	165 428	13 546	26 984	81 309	550 144	41 099	24 689	415 196
	MOUNTAIN.	217	77	5 816	35 123	2 766	5 770	14 451	99 460	16 768	4 477	56 160
	MONTANA.	29	7	483	2 527	315	575	1 500	7 099	245	546	6 654
	IDAHO.	18	5	288	1 481	122	230	475	3 370	160	310	3 155
	WYOMING.	12	2	155	730	78	160	288	1 334	296	150	1 011
	COLORADO	50	17	2 419	17 605	1 096	2 491	7 435	56 792	12 771	1 619	27 735
	NEW MEXICO	33	13	617	2 846	304	510	1 031	4 943	269	518	3 870
	ARIZONA.	37	16	950	5 332	390	879	1 830	12 742	2 057	705	7 890
	UTAH	30	12	708	3 371	369	741	1 525	10 655	829	510	4 697
	NEVADA	8	5	196	1 231	92	184	367	2 525	141	119	1 148

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
208	BEVERAGES—CONTINUED											
	PACIFIC	546	188	19 426	130 305	10 780	21 214	66 858	450 684	24 331	20 212	359 036
	WASHINGTON	60	22	2 508	18 704	1 422	2 785	10 067	59 967	2 818	2 688	47 825
	OREGON	49	7	881	5 794	370	730	2 200	16 093	1 037	783	9 302
	CALIFORNIA	405	148	15 269	102 106	8 620	16 974	53 049	367 587	19 699	15 951	294 778
	ALASKA	6	2	183	814	95	209	381	1 757	155	63	926
	HAWAII	26	9	585	2 887	273	516	1 161	5 280	622	727	6 205
209	MISC. FOODS & KINDRED PRODUCTS—TOTAL	5 001	1 428	134 068	717 557	89 290	187 472	413 841	2 405 710	153 554	135 140	1 859 053
	NORTHEAST	1 008	279	30 568	173 389	20 974	43 425	105 421	594 133	33 049	32 925	491 883
	NEW ENGLAND	239	62	5 052	25 744	3 302	6 703	13 952	70 287	3 787	5 547	59 736
	MAINE	24	8	467	2 343	299	684	1 236	4 873	413	574	3 645
	VERMONT	13	3	190	954	111	235	446	2 944	112	164	3 124
	MASSACHUSETTS	142	39	3 334	17 211	2 202	4 336	9 186	49 474	2 397	3 505	40 674
	RHODE ISLAND	22	4	338	1 524	250	531	1 084	2 503	246	466	2 914
	CONNECTICUT	28	8	683	3 559	413	858	1 891	10 001	601	622	8 224
	MIDDLE ATLANTIC	769	217	25 516	147 645	17 672	36 722	91 469	523 846	29 262	27 378	432 147
	NEW JERSEY	153	57	10 157	66 198	6 923	14 321	41 935	287 558	17 387	(D)	(D)
	NORTH CENTRAL	1 230	401	40 422	234 191	26 009	54 484	131 279	764 384	39 775	40 908	629 234
	EAST NORTH CENTRAL	812	264	29 450	173 515	19 187	39 931	98 976	574 882	29 865	29 624	477 944
	OHIO	215	61	6 880	39 695	4 156	8 737	20 516	109 670	4 981	6 843	88 091
	INDIANA	105	33	3 498	19 125	2 466	5 170	12 335	56 764	4 954	3 821	61 770
	ILLINOIS	287	113	13 746	85 828	9 226	19 219	50 846	343 620	15 648	14 368	276 641
	MICHIGAN	122	39	3 511	19 693	2 129	4 324	9 882	38 764	3 171	3 173	32 039
	WISCONSIN	83	18	1 815	9 174	1 210	2 481	5 397	26 064	1 111	1 419	19 403
	WEST NORTH CENTRAL	418	137	10 972	60 676	6 822	14 553	32 303	189 502	9 910	11 284	151 290
	MINNESOTA	72	34	2 390	14 101	1 695	3 659	8 543	47 564	1 355	2 581	37 429
	IOWA	92	29	2 138	12 041	1 348	3 028	6 751	40 687	2 477	2 178	33 240
	MISSOURI	131	40	3 889	21 958	2 018	4 077	9 330	55 665	3 656	4 074	49 352
	NORTH DAKOTA	7	2	105	504	74	174	324	819	149	(D)	(D)
	SOUTH DAKOTA	10	3	140	633	108	226	456	1 307	135	113	1 248
	NEBRASKA	43	13	1 126	5 625	800	1 695	3 488	27 581	1 267	1 176	18 720
	KANSAS	63	16	1 184	5 814	779	1 694	3 411	15 879	871	1 125	10 847
	SOUTH	1 840	523	42 276	189 826	28 455	62 123	108 796	660 928	52 929	42 180	467 231
	SOUTH ATLANTIC	704	186	14 592	63 466	9 633	20 211	34 820	227 885	31 735	15 226	162 727
	DELAWARE	12	3	225	920	202	454	786	2 314	(D)	313	3 639
	MARYLAND	59	20	1 909	8 972	1 232	2 569	4 877	34 049	(D)	1 818	25 760
	DISTRICT OF COLUMBIA	16	6	471	2 560	288	658	1 254	7 534	(D)	572	5 769
	VIRGINIA	69	29	2 011	9 055	1 359	2 785	5 079	44 765	1 637	2 257	28 549
	NORTH CAROLINA	137	36	2 417	9 324	1 478	3 123	4 652	20 665	2 390	2 457	18 506
	SOUTH CAROLINA	72	14	877	3 269	637	1 469	2 055	9 434	(D)	827	6 660
	GEORGIA	141	44	4 014	17 987	2 700	5 559	9 907	49 671	3 259	4 376	39 231
	FLORIDA	181	33	2 580	11 165	1 684	3 481	6 068	58 945	1 884	2 437	33 446
	EAST SOUTH CENTRAL	364	113	9 635	44 748	6 415	14 159	25 040	113 030	6 556	9 352	93 820
	KENTUCKY	55	12	1 723	9 588	1 087	2 348	5 122	27 830	1 257	1 732	20 921
	TENNESSEE	124	43	4 256	20 265	2 760	6 079	11 452	48 544	2 970	3 913	45 608
	ALABAMA	100	26	1 869	8 124	1 145	2 492	3 702	18 469	1 044	1 856	15 231
	MISSISSIPPI	85	32	1 787	6 771	1 423	3 240	4 764	18 187	1 285	1 851	12 060
	WEST SOUTH CENTRAL	772	224	18 049	81 612	12 407	27 753	48 936	320 013	14 638	17 602	210 684
	ARKANSAS	92	30	1 827	6 931	1 274	2 998	4 484	18 653	1 616	1 620	10 743
	LOUISIANA	145	46	3 687	16 420	2 498	5 402	9 603	67 972	3 490	3 507	46 207
	OKLAHOMA	70	15	1 286	5 803	776	1 808	3 025	11 906	1 525	1 444	12 571
	TEXAS	465	133	11 249	52 458	7 859	17 545	31 824	221 482	8 007	11 031	141 163
	WEST	925	225	20 811	120 264	13 858	27 452	68 397	386 586	27 846	19 127	271 469
	MOUNTAIN	220	48	3 419	15 493	2 386	4 774	9 091	40 537	3 143	3 371	30 555
	MONTANA	17	1	152	643	121	239	455	2 390	158	(D)	(D)
	IDAHO	16	1	159	771	110	221	439	1 399	61	266	2 280
	COLORADO	59	18	1 153	5 357	817	1 519	3 056	11 462	1 325	1 025	9 093
	NEW MEXICO	32	8	387	1 476	295	634	1 041	3 009	101	421	3 421
	ARIZONA	58	15	1 053	4 977	735	1 642	3 084	14 844	1 108	990	9 352
	UTAH	27	5	440	1 945	263	428	842	6 812	345	504	4 890
	PACIFIC	705	177	17 392	104 771	11 472	22 678	59 306	346 049	24 703	15 756	240 914
	WASHINGTON	66	17	1 315	7 146	902	1 735	4 445	21 862	(D)	1 186	13 140
	OREGON	37	10	761	3 863	501	869	1 952	12 973	499	600	8 255
	CALIFORNIA	538	144	14 801	92 096	9 698	19 399	51 854	307 453	22 866	13 970	219 519

Standard Note: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

TABLE 3 Detailed Statistics: 1963

Item	Food and kindred products (SIC 20)	Meat products (SIC 201)	Dairies (SIC 202)	Canned and frozen foods (SIC 203)	Grain mills (SIC 204)	Bakery products (SIC 205)	Sugar (SIC 206)	Candy and related products (SIC 207)	Beverages (SIC 208)	Miscellaneous foods and kindred products (SIC 209)
ESTABLISHMENTS, TOTAL . . . NUMBER . .	37 521	5 300	7 885	3 969	3 555	5 366	164	1 263	5 018	5 001
WITH 1 TO 19 EMPLOYEES . . . DO. .	23 408	3 282	5 000	1 995	2 467	3 254	4	812	3 021	3 573
WITH 20 TO 99 EMPLOYEES . . . DO. .	10 224	1 329	2 247	1 345	869	1 336	50	288	1 617	1 143
WITH 100 EMPLOYEES OR MORE . . DO. .	3 889	689	638	629	219	776	110	163	380	285
PROPRIETORS AND WORKING PARTNERS DO. .	20 781	3 525	4 028	1 660	1 654	3 714	21	1 552	2 149	2 478
ALL EMPLOYEES (AVERAGE FOR THE YEAR) DO. .	1 643 111	299 576	256 828	244 824	113 103	280 144	32 003	77 944	204 621	134 068
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000. .	8 637 152	1 640 752	1 394 222	959 688	646 878	1 513 350	189 229	349 982	1 225 494	717 557
PRODUCTION WORKERS:										
AVERAGE FOR THE YEAR. . . NUMBER . .	1 098 116	238 524	117 195	212 474	78 605	164 014	25 895	63 568	108 551	89 290
MARCH DO. .	1 015 834	230 041	114 228	160 433	77 597	162 213	19 804	61 592	102 060	87 866
MAY DO. .	1 034 131	234 343	119 821	166 392	77 317	163 181	20 888	57 530	106 890	87 783
AUGUST DO. .	1 208 638	240 917	121 747	311 138	81 128	164 989	21 567	62 426	114 600	90 126
NOVEMBER DO. .	1 117 024	243 873	113 026	202 416	78 380	165 671	40 902	72 709	108 659	91 388
MAN-HOURS \$1,000. .	2 229 013	485 425	250 258	399 436	171 840	335 593	56 684	123 788	218 517	187 472
JANUARY-MARCH DO. .	512 456	115 352	60 615	74 141	42 414	82 283	11 666	30 589	49 482	45 914
APRIL-JUNE DO. .	533 131	119 677	64 175	82 541	41 930	83 814	10 793	28 581	55 964	45 656
JULY-SEPTEMBER DO. .	607 062	123 449	65 129	142 483	44 194	84 790	11 548	29 847	58 911	46 711
OCTOBER-DECEMBER DO. .	576 364	126 947	60 339	100 271	43 302	84 706	22 677	34 771	54 160	49 191
WAGES \$1,000. .	5 159 376	1 212 177	584 535	736 997	418 994	796 621	145 756	246 743	603 712	413 841
COST OF MATERIALS, ETC., TOTAL ¹ DO. .	46 784 435	13 940 325	8 015 505	4 521 379	5 914 818	2 626 417	1 673 469	1 216 045	3 173 277	5 703 200
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED . . . DO. .	42 783 160	13 047 780	7 144 852	4 158 057	5 438 053	2 148 250	1 608 076	1 150 021	2 917 395	5 170 676
COST OF REALES DO. .	3 287 285	763 003	735 143	280 401	398 189	420 492	20 236	48 966	188 285	432 570
FUELS CONSUMED DO. .	316 131	38 660	56 552	37 330	32 653	30 475	35 906	6 991	34 327	43 232
ELECTRIC ENERGY:										
PURCHASED:										
QUANTITY. . . MILLION KW.-HRS. .	19 473	3 145	3 644	1 977	2 940	1 403	223	727	1 759	3 655
COST. \$1,000. .	277 281	45 323	58 410	27 775	38 381	21 841	3 199	9 570	25 594	47 188
GENERATED LESS SOLD MILLION KW.-HRS. .	24 706	154	(D)	6 215	3 516	5 006	1 010	2 080	(D)	5 368
CONTRACT WORK \$1,000. .	1 244 909	49 390	20 548	17 816	7 537	5 359	6 052	497	7 676	9 534
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO. .	68 466 487	16 806 600	11 199 909	7 300 305	8 161 196	5 656 144	2 214 012	2 158 441	6 897 950	8 071 930
VALUE OF REALES DO. .	3 956 971	859 003	847 556	352 765	468 983	568 132	22 445	64 513	243 719	529 855
VALUE ADDED BY MANUFACTURE, ADJUSTED DO. .	21 825 516	2 882 580	3 184 867	2 778 810	2 271 054	3 030 822	590 802	956 037	3 724 834	2 405 710
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL. . . DO. .	6 510 720	579 413	386 453	1 859 746	702 211	184 875	302 560	351 301	1 217 114	927 047
FINISHED PRODUCTS DO. .	3 709 908	424 362	196 738	1 470 211	202 858	30 113	172 445	117 930	800 574	294 677
WORK-IN-PROCESS DO. .	410 741	35 420	11 983	101 581	25 994	3 984	15 027	18 584	95 940	102 228
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	2 390 071	119 631	177 732	287 954	473 359	150 778	115 088	214 787	320 600	530 142
END OF YEAR, TOTAL. DO. .	6 760 747	597 951	388 710	1 815 965	722 141	191 685	403 066	355 131	1 263 325	1 022 773
FINISHED PRODUCTS DO. .	3 785 758	442 646	197 010	1 427 456	223 256	31 321	207 890	129 061	809 056	318 062
WORK-IN-PROCESS DO. .	439 048	33 463	12 174	95 568	30 272	3 871	29 841	21 094	96 942	115 823
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	2 535 941	121 842	179 526	292 941	468 613	156 493	165 335	204 976	357 327	588 888
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO. .	1 324 526	145 480	208 283	186 385	134 207	128 398	74 364	41 552	245 188	160 669
NEW, TOTAL. DO. .	1 249 245	135 966	195 971	176 282	127 722	121 709	73 611	39 346	225 084	153 554
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	336 334	45 897	51 420	62 849	32 605	23 436	12 317	10 206	51 343	46 261
NEW MACHINERY AND EQUIPMENT DO. .	912 911	90 069	144 551	113 433	95 117	98 273	61 294	29 140	173 741	107 293
USED PLANT AND EQUIPMENT. . . DO. .	75 281	9 514	12 312	10 103	6 485	6 689	753	2 206	20 104	7 115
SELECTED OPERATING RATIOS:										
PAYROLL/TOTAL EMPLOYMENT.	5 256	5 477	5 429	3 920	5 719	5 402	5 853	4 490	5 989	5 352
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.67	.79	.46	.87	.69	.59	.81	.82	.53	.67
MAN-HOURS/PRODUCTION WORKERS.	2 032	2 047	2 135	1 880	2 186	2 046	2 160	1 947	2 013	2 100
PRODUCTION WORKER WAGES/MAN-HOURS	2.31	2.50	2.34	1.85	2.44	2.37	2.57	1.99	2.76	2.21
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.81	.93	.84	.75	.80	.73	.84	.73	.64	.80
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS. . . . .	.68	.83	.72	.62	.72	.46	.76	.56	.46	.71
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	13 283	9 622	12 401	11 350	20 080	10 819	18 274	12 266	18 204	17 944
SALARIES AND WAGES/ADJUSTED VALUE ADDED. . . . .	.40	.57	.44	.35	.28	.50	.32	.37	.33	.30

Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

MEAT PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2011—Meat Packing Plants

2013—Sausages and Other Prepared Meat Products

2015—Poultry and Small Game Dressing and Packing, Wholesale

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

MEAT PACKING PLANTS (2011) AND PREPARED MEATS (2013)

These two industries are similar in many respects and for some purposes should be viewed as one industry. Prepared meats (smoked meats, sausage, canned meats, etc.) are produced by each industry; the distinguishing characteristic of industry 2011 is the slaughtering of livestock, and of industry 2013, the use of purchased meat material. Nearly all of the fresh meat used as a raw material by plants in industry 2013 is supplied by plants in industry 2011; in addition, a considerable volume of fresh meat material is sold or transferred between plants in industry 2011 for use in further processing.

Because of these interplant sales and transfers, aggregates of the value of shipments and cost of materials for industry 2011 separately, or for industries 2011 and 2013 combined, include a substantial amount of duplication.

Companies accounting for a large proportion of the output of meats and meat products (except poultry) reported shipments, production, inventories, and expenditures for plant and equipment for the fiscal year ending November 1, 1963, rather than for the calendar year. However, comparison of total commercial slaughter figures for the two periods, as published by the U.S. Department of Agriculture, indicates that the number of animals slaughtered during the fiscal year was practically identical with calendar year production. The census statistics may thus be taken as representative of the calendar year.

Industries 2011 and 2013 accounted for over 99 percent of the meat and meat products produced in all manufacturing industries; this coverage ratio was also over 99 percent in 1958.

2011—MEAT PACKING PLANTS

This industry comprises establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, calves, horses, and other animals except small game, for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in industry 2013; and establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game in industry 2015. For a detailed list of the primary products of industry 2011, refer to table 6A, product codes 2011112 to 2011000.

Some slaughtering operations are conducted in establishments which are not included in the census of manufactures, such as those chiefly engaged in wholesale or retail trade, locker plant services, etc. A check of the 1958 Census of Manufactures records with those of the U.S. Department of Agriculture indicated that the census of manufactures included about 90 percent of the volume of commercial livestock slaughter. A similar comparison of the 1963 census slaughter statistics with those of the U.S.D.A. indicates that coverage of commercial slaughter is about at the same level.

Value of shipments of industry 2011 totaled \$12,435 million. This amount included shipments of primary products, valued at \$11,706 million, shipments of secondary products valued at \$219 million, and miscellaneous receipts (mainly resales) at \$511 million.

Shipments of meat slaughtering plant products (primary products) represented 98 percent of all shipments (primary and secondary). For 1958 it was 98 percent.

The 1963 shipments of meat slaughtering plant products and meat processing plant products by establishments classified in industry 2011 and 2013 was 86 percent (coverage ratio) of the total shipments of these products, amounting to \$13,546 million. The coverage ratio was 88 percent in 1958.

The production index for the primary products of the industry increased to 123 in 1963 from the 1958 level of 106. The unit value index for 1963 was 101 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2013—SAUSAGES AND OTHER PREPARED MEAT PRODUCTS

This industry comprises establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, other prepared meats, and meat specialties, from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game, and those canning poultry are classified in industry 2015. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. For a detailed list of products of industry 2013 refer to table 6A, product codes 2013612 to 2013000.

The value of shipments of industry 2013 totaled \$2,130 million. This amount included shipments of primary products (prepared meats and sausage casings) valued at \$1,707 million, shipments of secondary products valued at \$105 million, and miscellaneous receipts (mainly resales) at \$318 million.

Shipments of prepared meats and sausage casings (primary products) represented 94 percent of its total product shipments (primary and secondary). For 1958 it was 97 percent.

The 1963 shipments of prepared meats, by establishments classified in industry 2013, Prepared Meats, was 40 percent (coverage ratio) of the total shipments of these products, amounting to \$4,286 million. The coverage ratio was 35 percent in 1958. This ratio is so low for industry 2013 because of the large volume of prepared meats shipped from meat packing plants (SIC 2011). The 1963 and 1958 shipments of prepared meats by 2011 and 2013 plants combined was virtually 100 percent of the total shipments of these products by all manufacturing establishments.

Prepared meats manufactured in retail and independent wholesale establishments are not included in the Census of Manufactures statistics. The volume of prepared meats manufactured in such establishments was not measured in the 1963 Census.

The production index for the primary products of the industry increased to 114 in 1963 from the 1958 level of 106. The unit value index for 1963 was 95 compared to 103 in 1958. Both indexes were computed on a basis of 1954 = 100.

2015—POULTRY AND SMALL GAME DRESSING AND PACKING, WHOLESALE

This industry comprises establishments primarily engaged in killing, dressing, packing, and canning poultry, rabbits, and other small game for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs; but not the cleaning, oil treating, packing, and grading of eggs which are classified in wholesale trade. For a detailed list of primary products of this industry, refer to table 6A, product codes 2015111 to 2015000.

Statistics for poultry and small game killed and dressed at farms, hatcheries, frozen food lockers and wholesale and retail establishments are not included in this report.

The specialization and coverage ratios for industry 2015 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The production index for the primary products of the industry increased to 213 in 1963 from the 1958 level of 156. The unit value index for 1963 was 74 compared to 84 in 1958. Both indexes were computed on a basis of 1954 = 100.

MEAT PRODUCTS: SIC 201 Value Added by Manufacture by State: 1963

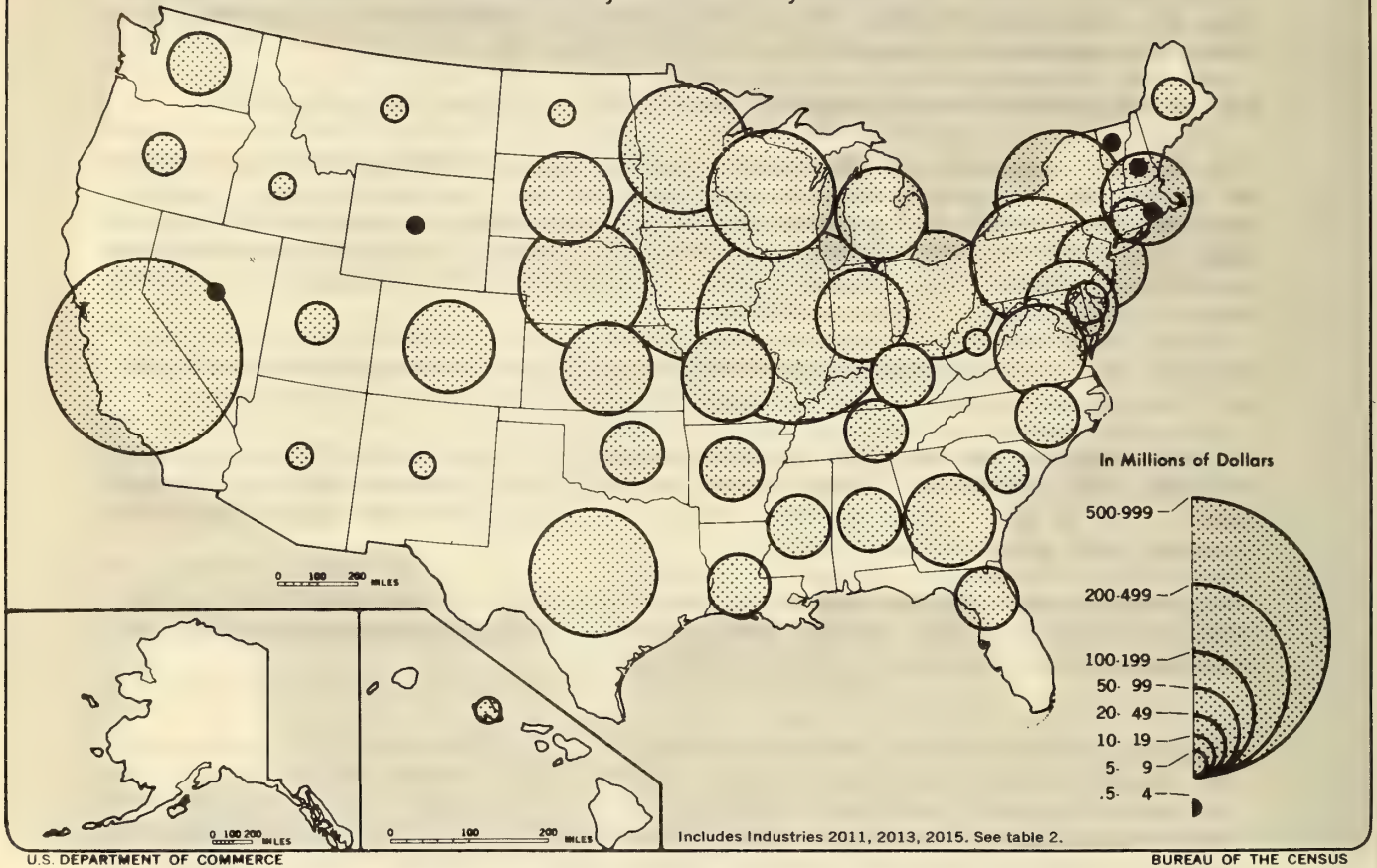


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2011.—MEAT SLAUGHTERING PLANTS														
1963.....	2,833	2,992	976	180,873	1,146,947	138,356	289,294	847,025	1,908,309	10,530,861	12,435,454	80,235	98	86
1962 ¹	(NA)	(NA)	(NA)	185,715	1,161,962	141,723	298,177	845,453	1,987,049	10,531,169	12,491,425	90,920	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	189,351	1,144,248	143,473	303,047	828,406	1,890,265	10,068,444	11,938,722	75,530	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	194,296	1,139,550	147,797	312,888	827,063	1,911,776	9,911,942	11,828,339	77,233	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	197,342	1,102,039	149,669	312,744	797,792	1,834,004	9,960,435	11,810,356	67,538	(NA)	(NA)
1958.....	2,646	2,810	980	201,019	1,068,766	150,936	309,314	768,616	1,749,291	10,251,144	11,972,464	65,860	98	88
1957 ¹	(NA)	(NA)	(NA)	210,470	1,090,130	159,367	336,898	797,279	1,833,160	8,885,521	10,717,566	71,160	97	89
1956 ¹	(NA)	(NA)	(NA)	223,124	1,091,839	169,675	363,969	804,497	1,868,775	8,058,299	9,906,330	62,564	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	220,174	1,021,051	167,655	364,884	747,784	1,714,790	8,035,515	9,728,954	65,076	(NA)	(NA)
1954.....	2,228	2,367	933	220,194	942,970	167,815	354,779	687,878	1,397,175	8,848,335	10,265,319	64,976	98	87
1953 ¹	(NA)	(NA)	(NA)	217,196	900,648	169,023	361,699	671,569	1,452,272	(NA)	(NA)	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	217,410	868,091	170,323	371,618	647,682	1,389,836	(NA)	(NA)	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	213,980	807,325	167,239	363,145	593,125	1,239,703	(NA)	(NA)	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	209,360	703,960	163,733	353,932	516,096	1,125,453	(NA)	(NA)	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	213,323	688,999	168,884	367,077	501,997	1,134,218	(NA)	(NA)	(NA)	(NA)	(NA)
1947.....	1,999	2,154	832	208,438	623,058	167,135	375,835	468,962	977,144	7,992,732	8,969,876	67,567	(NA)	(NA)
1939 ²	(NA)	1,392	(NA)	(NA)	(NA)	115,046	(NA)	155,568	403,943	(NA)	(NA)	(NA)	(NA)	(NA)
1937.....	(NA)	1,160	(NA)	152,574	222,694	127,477	(NA)	170,386	401,268	(NA)	(NA)	(NA)	(NA)	(NA)
1935.....	(NA)	1,223	(NA)	138,717	180,299	116,620	(NA)	136,468	331,445	(NA)	(NA)	(NA)	(NA)	(NA)
1933.....	(NA)	1,078	(NA)	132,517	144,963	113,193	(NA)	112,266	287,546	(NA)	(NA)	(NA)	(NA)	(NA)
1929.....	(NA)	1,277	(NA)	145,854	220,601	122,505	(NA)	165,867	460,526	(NA)	(NA)	(NA)	(NA)	(NA)
1925.....	(NA)	1,269	(NA)	144,685	221,136	120,422	(NA)	159,355	425,094	(NA)	(NA)	(NA)	(NA)	(NA)
1921.....	(NA)	1,184	(NA)	149,338	217,923	117,042	(NA)	152,903	332,744	(NA)	(NA)	(NA)	(NA)	(NA)
1919.....	(NA)	1,304	(NA)	196,321	269,175	160,996	(NA)	209,489	463,361	(NA)	(NA)	(NA)	(NA)	(NA)
1909.....	(NA)	1,221	(NA)	104,801	70,123	87,813	(NA)	50,404	164,106	(NA)	(NA)	(NA)	(NA)	(NA)
1899.....	(NA)	882	(NA)	78,585	43,494	68,386	(NA)	33,392	101,682	(NA)	(NA)	(NA)	(NA)	(NA)
INDUSTRY 2013.—MEAT PROCESSING PLANTS														
1963.....	1,273	1,341	483	48,599	289,405	36,351	75,964	195,232	563,362	1,568,663	2,130,275	21,425	94	38
1962 ¹	(NA)	(NA)	(NA)	46,913	268,121	36,559	73,265	179,903	492,717	1,637,349	2,133,734	19,330	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	46,462	257,066	36,380	72,972	171,138	458,308	1,580,806	2,048,210	17,289	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	48,444	254,582	38,403	76,834	173,818	461,463	1,539,897	2,007,869	20,063	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	49,482	247,779	38,289	76,630	168,951	461,372	1,538,888	2,005,377	14,010	(NA)	(NA)
1958 ³	1,430	1,494	496	48,586	236,915	36,460	74,096	161,807	442,058	1,636,222	2,066,257	17,237	97	33
1957 ¹	(NA)	(NA)	(NA)	48,213	232,599	36,046	88,213	155,123	418,215	1,150,484	1,543,793	21,607	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	48,331	221,209	35,647	87,615	146,738	384,034	1,043,145	1,411,298	16,585	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	45,936	200,689	34,101	71,826	132,280	348,259	985,491	1,331,357	14,232	(NA)	(NA)
1954 excluding manufacturers' wholesale sales branches ⁴	1,254	1,316	435	44,997	186,939	33,767	70,034	124,327	333,751	1,202,352	1,541,072	15,617	98	28
1954 including manufacturers' wholesale sales branches ⁴	1,254	1,529	(NA)	(NA)	(NA)	38,671	(NA)	(NA)	⁵ 377,981	1,256,147	1,634,129	(NA)	(NA)	(NA)
1953 ¹	(NA)	(NA)	(NA)	47,378	196,385	36,914	77,585	136,872	360,740	(NA)	(NA)	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	50,695	196,238	38,184	82,486	134,095	358,271	(NA)	(NA)	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	50,234	180,940	38,030	82,932	124,586	327,242	(NA)	(NA)	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	46,026	148,601	34,870	76,390	102,448	294,600	(NA)	(NA)	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	41,180	128,666	30,767	66,289	91,766	259,268	(NA)	(NA)	(NA)	(NA)	(NA)
1947.....	(NA)	1,264	511	44,485	122,902	34,491	73,899	86,656	234,758	1,365,929	1,600,687	11,565	(NA)	(NA)
1939 ²	(NA)	1,197	(NA)	(NA)	(NA)	17,624	(NA)	20,863	63,769	(NA)	(NA)	(NA)	(NA)	(NA)
INDUSTRY 2015.—POULTRY DRESSING PLANTS														
1963.....	842	967	559	70,104	204,400	63,817	120,167	169,920	410,909	1,840,801	2,240,871	34,306	98	98
1962 ¹	(NA)	(NA)	(NA)	66,916	190,179	61,921	115,234	156,696	374,421	1,710,579	2,078,248	19,261	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	71,097	193,996	65,493	122,003	160,416	366,767	1,706,741	2,083,963	19,176	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	67,792	178,139	62,724	112,404	147,307	369,074	1,699,182	2,053,815	22,974	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	66,309	171,666	61,058	111,036	140,895	331,416	1,564,733	1,897,891	24,481	(NA)	(NA)
1958(new SIC) ⁶	1,095	1,233	594	62,389	160,813	56,143	104,188	131,985	310,572	1,582,928	1,888,166	28,079	98	98
1958(old SIC) ⁶	(NA)	1,131	518	55,635	142,997	49,999	93,193	117,966	266,177	1,423,399	1,685,182	26,064	95	97
1957 ¹	(NA)	(NA)	(NA)	52,423	130,461	47,262	90,677	107,818	272,332	1,233,109	1,511,164	15,465	96	97
1956 ¹	(NA)	(NA)	(NA)	52,489	126,095	47,383	89,816	105,026	272,679	1,232,095	1,484,806	12,580	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	48,156	(NA)	(NA)	(NA)	(NA)	221,871	1,183,935	1,401,280	(S)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Special- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2015.—POULTRY DRESSING PLANTS—Continued													
1954.....	1,189	1,309	493	46,173	104,706	41,551	79,530	86,459	207,380	1,120,729	1,332,173	10,768	96	97
1953 ¹	(NA)	(NA)	(NA)	34,037	75,158	30,395	56,229	61,265	161,905	715,043	876,948	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	34,423	73,819	30,630	60,255	59,613	142,023	668,531	810,554	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	32,796	67,655	28,930	55,402	53,734	121,229	702,579	823,808	(NA)	(NA)	(NA)
1947.....	330	553	309	21,570	36,222	19,076	38,835	29,085	67,840	411,153	478,993	5,904	88	88
1939 ²	(NA)	752	(NA)	(NA)	(NA)	13,954	(NA)	8,162	22,089	112,672	134,761	(NA)	(NA)	(NA)
1937.....	(NA)	533	(NA)	10,149	7,884	8,913	(NA)	5,931	18,384	87,457	105,841	(NA)	(NA)	(NA)
1935.....	(NA)	562	(NA)	9,476	7,132	8,078	(NA)	5,068	16,302	76,642	92,944	(NA)	(NA)	(NA)
1933.....	(NA)	437	(NA)	8,665	6,376	7,471	(NA)	4,862	14,304	51,853	66,157	(NA)	(NA)	(NA)
1929 ⁷	(NA)	485	(NA)	9,154	9,869	7,769	(NA)	7,285	23,295	106,866	130,161	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; (however for industry 2015, Poultry Dressing in 1954 they represent the average of all employees for the twelve monthly figures) for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** "In 1954 for Industry 2015, Poultry Dressing, they were calculated by subtracting from 'all employees' figures. The average of the nonproduction employees for March, May, August, and November." For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates were published in the annual survey of manufactures volumes for this period.

²The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 comparable with earlier years was \$423.2 million for industry 2011, Meat Slaughtering Plants and \$23.6 million for industry 2015, Poultry Dressing Plants. No comparable figures are available for industry 2013, Meat Processing Plants.

³Includes plants primarily making sausage casings. Prior to 1958 these plants were classified in industry 2014, Sausage Casings, but combined with 2013 for publication. A revision in the Standard Industrial Classification system transferred plants primarily making synthetic sausage casings to industry 3079, Plastics Products, N.E.C. As a result of this change, plants having between 2,500 and 4,999 employees were shifted from industry 2013, Meat Processing Plants to industry 3079, Plastics Products, N.E.C., thus data since 1958 are not completely comparable with data prior to 1958.

⁴For 1953 and prior years, separate manufacturers' reports were submitted covering the manufacture of prepared meats at manufacturers' wholesale sales branches, which were classified as manufacturing establishments in industry 2013, Meat Processing Plants. For 1954 and subsequent years these establishments have been classified in wholesale trade industries. In 1954, however, supplementary reports were submitted for manufacturers' wholesale sales branches on the number of production workers engaged in manufacturing prepared meats, cost of materials consumed in the manufacture of prepared meats, and shipments of prepared meats manufactured on the premises. In 1958 supplementary reports were also submitted but the information was confined to the shipments of prepared meats manufactured on premises.

⁵Unadjusted value added.

⁶The data for 1958 (old) and earlier years were based on the old Standard Industrial Classification definition of industry 2015, which covered only poultry dressing plants. Under the revised edition of the SIC Manual in use since 1958, industry 2015 includes not only poultry dressing plants, but also plants primarily engaged in canning poultry (formerly in industry 2033, Canned Fruits and Vegetables) and plants primarily producing liquid, frozen and dried eggs (formerly in industry 2099, Food Preparations N.E.C.).

⁷Comparable figures not available for years prior to 1929.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2011.—MEAT SLAUGHTERING PLANTS													
Total.....	2,992	976	180,873	1,146,947	138,356	289,294	847,025	1,908,309	10,530,861	12,435,454	80,235	201,019	1,749,291
New England.....	66	11	1,233	6,894	942	1,895	4,911	11,544	81,084	92,998	463	2,221	20,196
Massachusetts.....	25	4	338	1,743	251	528	1,168	3,406	31,000	34,472	147	1,040	10,091
Connecticut.....	9	3	593	3,623	445	838	2,667	5,547	29,367	35,140	96	708	4,895
Middle Atlantic....	355	120	14,562	90,816	10,871	24,135	64,286	163,993	850,662	1,014,760	5,423	17,469	165,910
New York.....	99	30	4,078	27,018	3,084	6,932	18,844	48,002	201,714	249,724	1,846	5,942	59,343
New Jersey.....	45	19	3,001	19,516	2,340	5,397	14,940	36,717	257,226	293,243	701	2,716	33,234
Pennsylvania.....	211	71	7,483	44,282	5,447	11,806	30,502	79,274	391,722	471,793	2,876	8,811	73,333
East North Central.	652	206	36,104	241,089	27,378	58,375	177,164	397,107	2,048,144	2,444,324	16,816	48,210	406,497
Ohio.....	187	69	9,169	60,118	6,882	14,601	41,239	109,657	451,997	561,903	4,135	11,720	92,804
Indiana.....	112	27	7,591	51,419	5,630	12,866	39,066	74,892	391,492	466,308	2,954	8,679	73,485
Illinois.....	134	43	9,907	64,189	7,500	15,685	48,314	99,564	604,980	706,318	4,354	16,039	134,051
Michigan.....	144	43	2,678	16,382	2,039	4,323	11,994	34,727	234,197	268,218	1,862	3,368	37,514
Wisconsin.....	75	24	6,759	48,981	5,327	10,900	36,551	78,277	365,478	441,577	3,511	8,404	68,643
West North Central.	403	145	67,929	473,556	52,818	106,009	365,931	718,257	4,217,376	4,933,558	23,911	71,254	643,747
Minnesota.....	48	14	13,496	100,805	10,309	20,049	77,472	142,800	715,332	853,422	4,904	14,317	142,251
Iowa.....	72	36	23,630	165,161	18,496	36,939	128,451	266,419	1,558,361	1,827,274	8,095	24,736	216,782
Missouri.....	89	27	7,652	51,660	5,807	11,734	38,246	71,578	463,734	534,750	1,835	8,230	65,738
Nebraska.....	79	31	10,265	70,519	8,180	16,773	55,619	99,917	759,691	859,731	4,767	10,770	100,795
Kansas.....	83	25	8,070	54,172	6,191	12,822	41,754	74,494	439,880	515,973	1,980	8,122	62,435
South Atlantic.....	369	127	15,564	72,909	11,866	25,298	49,635	136,166	576,823	712,695	5,977	16,492	116,827
Maryland.....	35	14	2,373	13,032	1,827	3,097	8,150	22,564	70,528	93,118	708	2,976	23,732
Virginia.....	48	20	3,868	18,895	3,074	6,854	13,897	35,914	154,359	190,044	1,965	3,274	24,826
West Virginia....	33	10	689	3,103	507	1,139	2,040	5,511	18,998	24,353	(D)	706	5,920
North Carolina....	85	23	2,027	7,828	1,542	3,215	5,318	15,891	67,894	83,678	731	1,863	10,945
South Carolina....	40	12	1,438	6,108	1,080	2,522	4,167	14,964	42,708	57,468	344	1,479	8,893
Georgia.....	88	28	3,184	14,798	2,327	5,125	10,024	23,615	129,273	152,620	918	3,729	24,277
Florida.....	35	19	1,934	8,917	1,472	3,271	5,883	17,514	92,321	110,497	1,003	2,380	17,056
East South Central.	249	81	11,537	60,454	8,720	19,408	41,556	96,188	509,662	602,739	8,103	10,568	85,567
Kentucky.....	73	19	2,673	16,507	1,945	4,358	11,122	27,260	112,983	140,156	3,772	2,734	25,609
Tennessee.....	73	31	4,629	24,813	3,500	7,842	17,411	34,684	224,592	257,521	1,966	4,328	31,111
Alabama.....	55	17	2,095	9,215	1,672	3,613	6,418	16,027	82,357	97,352	1,370	1,813	16,787
Mississippi.....	48	14	2,140	9,919	1,603	3,595	6,605	18,217	89,730	107,710	995	1,693	12,060
West South Central.	419	120	14,433	70,124	11,089	23,902	49,021	147,808	622,108	769,278	8,992	15,440	111,068
Arkansas.....	55	16	1,093	4,018	811	1,770	2,722	11,865	35,190	47,077	363	919	5,871
Louisiana.....	71	12	973	4,083	724	1,547	2,693	13,411	34,275	47,583	528	1,188	7,939
Oklahoma.....	68	20	2,325	13,226	1,819	4,058	9,067	28,681	89,370	117,841	2,970	3,069	24,308
Texas.....	225	72	10,042	48,797	7,735	16,527	34,539	93,851	463,273	556,777	5,131	10,264	72,950
Mountain.....	214	69	8,423	52,295	6,482	13,336	39,256	95,504	638,170	735,687	3,319	6,843	64,874
Montana.....	31	7	724	4,243	558	1,122	2,990	7,590	34,797	42,233	259	649	4,274
Idaho.....	38	10	787	4,667	546	1,130	3,043	7,300	56,742	64,601	416	674	7,499
Colorado.....	56	20	3,995	26,160	3,202	6,390	20,545	46,582	375,003	422,862	1,406	3,050	29,628
New Mexico.....	20	7	613	2,858	417	917	1,911	6,342	32,896	39,443	324	457	4,548
Arizona.....	19	8	766	4,726	608	1,346	3,731	8,157	50,492	58,747	184	678	6,117
Utah.....	29	12	1,265	8,467	912	1,991	6,011	15,888	75,869	91,958	561	1,189	10,795
Pacific.....	265	97	11,088	78,810	8,190	16,936	55,265	141,742	986,832	1,129,415	7,231	12,522	134,605
Washington.....	61	15	2,348	15,568	1,792	3,713	11,428	29,029	147,691	176,672	634	2,204	25,258
Oregon.....	72	11	1,346	8,855	988	1,935	6,096	11,937	73,451	85,675	485	1,518	15,351
California.....	126	67	7,135	53,285	5,219	10,925	37,034	96,453	755,289	852,453	5,962	8,564	91,308
Hawaii.....	6	4	259	1,102	191	363	707	4,323	10,401	14,615	150	236	2,688
INDUSTRY 2013.—MEAT PROCESSING PLANTS													
Total.....	1,341	483	48,599	289,405	36,351	75,964	195,232	563,362	1,568,663	2,130,275	21,435	48,586	442,058
New England.....	116	40	4,569	27,305	3,475	7,462	18,785	53,181	164,804	217,996	1,350	4,895	46,980
Maine.....	6	2	147	747	106	241	454	1,422	4,134	5,548	130	151	1,244
New Hampshire....	10	5	341	1,749	261	515	1,181	2,280	14,191	16,355	90	278	1,646
Massachusetts....	64	26	3,646	22,539	2,825	6,093	15,828	44,916	135,098	180,156	1,036	4,049	40,193
Middle Atlantic....	342	150	12,254	77,080	9,050	19,476	51,488	135,875	412,427	547,329	5,083	11,814	104,339
New York.....	192	86	6,979	46,035	5,194	11,415	30,519	79,855	235,451	314,516	2,834	6,615	58,977
New Jersey.....	62	27	1,755	10,652	1,282	2,631	6,902	20,586	58,900	79,286	894	2,082	17,688
Pennsylvania.....	88	37	3,520	20,393	2,574	5,430	14,067	35,434	118,076	153,527	1,355	3,117	27,674

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2013.—MEAT PROCESSING PLANTS—Continued													
East North Central.	349	130	14,913	90,288	11,405	23,414	62,331	187,822	437,981	625,709	6,040	14,714	145,575
Ohio.....	56	21	1,764	11,110	1,306	2,731	7,611	22,273	51,604	74,223	848	(²)	(²)
Indiana.....	26	5	1,014	6,443	756	1,677	4,604	14,707	21,093	35,778	521	1,011	11,689
Illinois.....	125	48	7,547	46,695	5,981	11,989	33,056	98,223	247,380	345,147	2,491	(²)	(²)
Michigan.....	81	34	3,052	17,646	2,309	4,856	11,851	37,300	84,868	122,189	1,258	2,792	29,361
Wisconsin.....	61	22	1,536	8,394	1,053	2,161	5,209	15,319	33,036	48,372	922	1,638	14,550
West North Central.	78	33	3,259	17,418	2,545	5,080	12,016	35,512	103,541	138,613	2,907	3,324	27,203
Minnesota.....	19	10	1,041	5,306	836	1,515	3,947	10,296	24,944	35,303	364	1,166	8,433
Iowa.....	16	3	269	1,641	157	331	840	3,244	5,054	8,310	186	392	3,256
Missouri.....	25	7	1,091	5,942	914	1,913	4,217	11,766	42,525	54,182	1,998	823	6,310
Nebraska.....	11	8	365	1,914	259	558	1,302	4,214	18,730	22,469	49	599	6,667
South Atlantic.....	141	38	4,372	21,813	3,144	6,710	14,092	40,855	130,024	170,657	1,591	4,700	30,718
Delaware.....	6	3	205	785	163	232	587	1,283	2,647	3,994	22	(²)	(²)
Maryland.....	19	10	1,773	10,220	1,293	2,801	7,412	17,957	51,884	69,597	247	1,448	9,245
Virginia.....	19	4	246	1,035	166	329	495	3,011	5,683	8,635	40	298	1,735
North Carolina.....	34	5	418	1,624	295	618	909	3,095	7,656	10,712	144	396	2,010
Georgia.....	26	6	536	2,522	379	818	1,288	7,080	12,266	19,305	523	1,075	6,487
Florida.....	25	7	938	4,580	688	1,590	2,934	6,420	44,825	51,337	495	665	5,820
East South Central.	48	13	834	3,915	564	1,163	2,269	8,698	24,401	32,831	599	903	9,024
Kentucky.....	11	3	114	413	85	167	262	762	1,599	2,368	39	(²)	(²)
Tennessee.....	20	6	404	1,948	267	549	1,074	4,769	11,477	15,988	164	(²)	(²)
Alabama.....	10	4	298	1,494	197	414	881	3,066	10,736	13,784	383	362	2,965
West South Central.	86	22	2,019	9,189	1,443	2,926	5,441	23,859	67,990	91,939	780	1,913	20,609
Texas.....	56	13	1,315	5,927	921	1,908	3,626	15,095	47,634	62,992	556	1,098	11,666
Mountain.....	25	5	523	2,706	424	837	2,011	5,828	12,472	18,426	200	820	6,891
Colorado.....	7	3	309	1,757	247	492	1,285	4,273	9,480	13,866	95	597	5,417
Pacific.....	156	52	5,856	39,691	4,301	8,896	26,799	71,732	215,023	286,775	2,875	5,503	50,719
Washington.....	18	6	433	2,645	314	619	1,826	4,552	15,441	20,231	285	(²)	(²)
California.....	116	43	5,126	35,607	3,764	7,813	23,960	64,978	191,739	256,490	2,465	5,029	47,473
INDUSTRY 2015.—POULTRY DRESSING PLANTS													
Total.....	967	559	70,104	204,400	63,817	120,167	169,920	410,909	1,840,801	2,240,871	34,306	62,389	310,572
New England.....	28	13	2,370	8,108	2,073	4,269	6,489	18,596	73,295	91,105	584	2,976	17,203
Maine.....	9	5	1,453	5,049	1,282	2,564	3,935	10,833	47,068	57,361	208	1,471	9,024
Massachusetts.....	10	3	279	883	234	427	703	2,688	10,813	13,474	112	516	3,944
Middle Atlantic.....	102	46	4,142	13,837	3,671	6,968	11,023	24,660	107,510	132,250	1,943	3,812	20,217
New York.....	36	15	1,228	4,549	1,070	1,913	3,621	8,493	29,248	38,013	675	1,188	7,204
New Jersey.....	18	9	574	1,732	519	867	1,373	3,800	12,957	16,779	210	470	2,341
Pennsylvania.....	48	22	2,340	7,556	2,082	4,188	6,029	12,367	65,305	77,458	1,058	2,154	10,672
East North Central.	175	73	5,457	14,839	4,878	8,642	11,949	32,911	137,136	168,736	3,159	7,646	39,081
Ohio.....	60	21	1,234	3,694	1,073	1,935	2,841	7,807	34,834	42,601	823	(²)	(²)
Indiana.....	38	18	1,497	3,763	1,368	2,264	3,112	8,297	30,249	37,793	758	1,805	9,141
Illinois.....	32	14	929	2,774	811	1,457	2,095	5,868	23,549	29,525	490	(²)	(²)
Michigan.....	21	8	477	967	436	739	843	2,343	7,693	9,539	204	675	5,241
Wisconsin.....	24	12	1,320	3,641	1,190	2,247	3,058	8,596	40,811	49,278	884	1,160	4,953
West North Central.	136	95	10,950	31,512	10,113	18,704	26,719	62,778	284,758	343,224	6,400	12,149	59,174
Minnesota.....	24	20	3,899	11,384	3,603	6,584	9,614	20,708	103,169	122,608	1,011	3,734	14,692
Iowa.....	30	23	1,760	4,881	1,594	2,959	4,020	11,897	51,495	62,513	1,047	2,204	10,387
Missouri.....	39	26	2,321	6,284	2,117	3,721	5,162	12,418	61,933	72,992	2,880	2,898	13,884
South Dakota.....	5	3	299	673	289	451	624	914	7,801	8,565	55	387	2,625
Nebraska.....	19	13	1,983	6,316	1,861	3,633	5,505	11,406	35,835	47,274	884	1,991	8,309
South Atlantic.....	181	122	20,670	58,744	18,970	36,363	49,396	120,859	548,510	668,765	7,778	16,336	76,914
Delaware.....	7	7	1,415	4,561	1,276	2,714	3,825	8,746	45,247	54,002	513	(²)	(²)
Maryland.....	22	14	3,353	10,341	3,102	6,186	8,884	20,443	84,544	105,057	720	1,768	11,015
Virginia.....	22	14	2,303	5,703	2,144	3,630	4,870	15,046	52,425	67,207	400	2,131	9,231
North Carolina.....	51	37	4,785	12,340	4,378	7,765	10,262	29,322	131,792	161,144	1,625	3,565	15,209
South Carolina.....	13	9	612	1,493	539	996	1,204	2,287	14,090	16,609	(D)	336	1,365
Georgia.....	41	32	7,279	21,938	6,740	13,611	18,590	40,405	197,383	237,098	1,427	6,322	31,837
Florida.....	18	8	805	2,038	682	1,246	1,475	3,953	20,106	24,065	383	515	1,443
East South Central.	77	60	9,539	24,271	8,736	15,562	20,667	48,164	233,708	280,718	3,501	5,629	26,220
Kentucky.....	9	4	522	1,340	489	824	1,132	2,645	14,202	16,735	132	(²)	(²)
Tennessee.....	12	10	1,319	3,675	1,200	2,230	2,993	8,089	36,148	44,023	741	(²)	(²)
Alabama.....	33	25	4,525	10,835	4,132	6,887	9,280	23,256	103,518	126,255	1,420	2,878	11,411
Mississippi.....	23	21	3,173	8,421	2,915	5,621	7,262	14,174	79,840	93,705	1,208	1,866	8,737

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2015.—POULTRY DRESSING PLANTS—Continued												
West South Central.	116	83	10,894	29,053	9,975	18,193	24,451	54,780	274,906	328,660	4,525	8,286	38,952
Arkansas.....	37	27	5,153	14,477	4,831	9,254	12,699	23,612	128,700	151,048	2,755	3,119	14,514
Louisiana.....	8	6	950	2,490	849	1,484	1,896	5,376	25,112	30,497	111	615	4,358
Oklahoma.....	9	5	560	1,677	521	1,016	1,445	2,300	15,653	17,846	128	712	3,927
Texas.....	62	45	4,231	10,409	3,774	6,439	8,411	23,492	105,441	129,269	1,531	3,840	16,153
Mountain.....	33	11	996	2,546	923	1,485	2,146	3,326	19,840	24,091	336	953	5,069
Idaho.....	5	3	236	704	204	341	530	1,143	5,136	6,158	19	(²)	(²)
Colorado.....	11	3	309	810	291	452	685	1,505	5,953	7,589	223	178	1,366
Utah.....	11	5	425	973	406	653	881	543	8,365	9,822	68	568	2,447
Pacific.....	119	56	5,086	21,490	4,478	9,981	17,080	44,835	161,138	203,322	6,080	4,602	27,742
Washington.....	19	10	792	3,541	703	1,244	2,915	7,082	19,701	26,259	269	(²)	(²)
California.....	89	39	3,822	16,138	3,372	8,048	12,779	34,912	129,582	162,776	5,175	3,172	18,865

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.
SIC 2011, Meat Slaughtering Plants: New England—Maine, 18 (20-99); New Hampshire, 4 (100-249); Vermont, 7 (20-99); Rhode Island, 3 (20-99); West North Central—North Dakota, 12 (100-249); South Dakota, 20 (2,500-4,999); South Atlantic—Delaware, 5 (20-99); Mountain—Wyoming, 14 (209); Nevada, 7 (20-99).

SIC 2013, Meat Processing Plants: New England—Rhode Island, 11 (20-99); Connecticut, 25 (353); West North Central—North Dakota, 2 (20-99); South Dakota, 1 (1-19); Kansas, 4 (428); South Atlantic—District of Columbia, 1 (20-99); West Virginia, 2 (20-99); South Carolina, 9 (100-249); East South Central—Mississippi, 7 (1-19); West South Central—Arkansas, 2 (1-19); Louisiana, 17 (500-999); Oklahoma, 11 (188); Mountain—Montana, 1 (1-19); New Mexico, 3 (20-99); Arizona, 6 (1-19); Utah, 4 (20-99); Nevada, 4 (1-19); Pacific—Oregon, 12 (100-249); Alaska, 1 (1-19); Hawaii, 9 (20-99).

SIC 2015, Poultry Dressing Plants: New England—New Hampshire, 1 (20-99); Vermont, 1 (20-99); Rhode Island, 2 (100-249); Connecticut, 5 (250-499); West North Central—North Dakota, 4 (165); Kansas, 15 (523); South Atlantic—District of Columbia, 1 (1-19); West Virginia, 6 (100-249); Mountain—Montana, 3 (1-19); New Mexico, 1 (1-19); Arizona, 2 (1-19); Pacific—Oregon, 9 (250-499); Hawaii, 2 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Meat slaughtering plants (SIC 2011)	Meat processing plants (SIC 2013)	Poultry dressing plants (SIC 2015)
Primary product specialization ratio ¹.....	.98	.94	.98
Coverage ratio ².....	.86	.40	.98
Establishments, total.....number..	2,992	1,341	967
With 1 to 19 employees.....do....	2,016	858	408
With 20 to 99 employees.....do....	677	348	304
With 100 employees or more.....do....	299	135	255
Proprietors and working partners.....do....	2,256	776	493
All employees (average for the year).....do....	180,873	48,599	³ 68,765
Payroll (all employees), total for year.....\$1,000..	1,146,947	289,405	204,400
Production workers:			
Average for the year.....number..	138,356	36,351	³ 62,474
January.....do....	-	-	56,779
February.....do....	-	-	55,567
March.....do....	138,081	35,543	56,417
April.....do....	-	-	58,393
May.....do....	137,560	36,137	60,646
June.....do....	-	-	61,947
July.....do....	-	-	64,414
August.....do....	137,897	36,825	66,195
September.....do....	-	-	68,179
October.....do....	-	-	68,455
November.....do....	139,886	36,900	67,087
December.....do....	-	-	65,607
Man-hours.....1,000..	289,294	75,964	120,167
January-March.....do....	71,704	18,335	25,313
April-June.....do....	71,615	18,886	29,176
July-September.....do....	71,532	19,197	32,720
October-December.....do....	74,443	19,546	32,958
Wages.....\$1,000..	847,025	195,232	169,920
Cost of materials, etc., total.....do....	10,530,861	1,568,663	1,840,801
Materials, parts, containers, and supplies consumed.....do....	10,007,396	1,296,616	1,743,768
Cost of resales.....do....	422,572	258,644	81,787
Fuels consumed.....do....	28,548	5,348	4,764
Electric energy:			
Purchased:			
Quantity.....million kw.-hrs..	2,184	422	539
Cost.....\$1,000..	30,617	6,714	7,992
Generated less sold.....million kw.-hrs..	154	(D)	(D)
Contract work.....\$1,000..	41,728	1,341	2,490
Value of shipments (including resales), total.....do....	12,435,454	2,130,275	2,240,871
Value of resales.....do....	466,956	305,777	86,270
Value added by manufacture, adjusted.....do....	1,908,309	563,362	410,909
Manufacturers' inventories:			
Beginning of year, total.....do....	406,687	91,897	80,829
Finished products.....do....	294,861	66,374	63,127
Work-in-process.....do....	29,461	3,140	2,819
Materials, supplies, fuel, etc.....do....	82,365	22,383	14,883
End of year, total.....do....	408,068	96,578	93,305
Finished products.....do....	302,054	67,137	73,455
Work-in-process.....do....	26,006	4,127	3,330
Materials, supplies, fuel, etc.....do....	80,008	25,314	16,520
Expenditures for plant and equipment, total.....do....	86,536	23,668	35,276
New, total.....do....	80,235	21,425	34,306
New structures and additions to plant.....do....	28,265	6,218	11,414
New machinery and equipment.....do....	51,970	15,207	22,892
Used plant and equipment.....do....	6,301	2,243	970
Selected operating ratios:			
Payroll/Total employment.....do....	6,341	5,971	2,931
Production workers/Total employment.....do....	.76	.75	.91
Man-hours/Production workers.....do....	2,086	2,089	1,879
Production worker wages/Man-hours.....do....	2.93	2.57	1.43
Cost of materials and payrolls/Total value of shipments....do....	.93	.86	.91
Cost of materials/Total value of shipments.....do....	.84	.73	.82
Adjusted value added/Total employment.....do....	11,261	12,042	5,799
Salaries and wages/Adjusted value added.....do....	.56	.50	.51

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Figures for the average number of "production workers" and "all employees" do not agree with those appearing in tables 1, 2, 4, and 8. In table 3, the figure for production workers is the average of the twelve monthly figures whereas in tables 1, 2, 4, and 8 it is the average of the figure for the months of March, May, August, and November. In all tables the figure for "all employees" is the sum of the respective average of production workers and the nonproduction employees as of March 15.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2011.—MEAT SLAUGHTERING PLANTS											
Establishments.....number..	2,992	1,228	403	385	456	221	165	67	34	24	9
All employees:											
Total.....do....	180,873	1,930	2,677	5,327	14,082	15,099	25,054	24,371	24,724	36,489	31,120
Payroll.....\$1,000..	1,146,947	7,602	10,507	24,302	72,957	86,692	149,594	157,457	161,261	252,945	223,630
Value added, adjusted.....do....	1,908,309	28,412	32,301	59,577	157,671	163,977	274,379	247,260	252,392	340,259	352,081
Value of shipments.....do....	12,435,454	98,734	145,253	332,703	1,116,065	1,439,531	2,239,716	1,840,038	1,567,086	1,963,518	1,692,810
Capital expenditures, new...do....	80,235	17,450	1,908	3,245	9,923	10,825	10,595	9,651	7,314	10,764	8,560
INDUSTRY 2013.—MEAT PROCESSING PLANTS											
Establishments.....number..	1,341	440	204	214	244	104	107	21	6	1	-
All employees:											
Total.....do....	48,599	854	1,355	3,027	7,669	7,365	15,930	7,443	4,956	(D)	-
Payroll.....\$1,000..	289,405	3,329	5,977	15,043	42,589	41,395	99,991	47,988	33,093	(D)	-
Value added, adjusted.....do....	563,362	7,083	14,848	32,777	81,570	85,573	189,964	93,559	57,988	(D)	-
Value of shipments.....do....	2,130,275	28,331	48,810	106,730	306,842	299,872	730,027	394,194	215,469	(D)	-
Capital expenditures, new...do....	21,425	21,472	504	1,375	3,160	3,206	6,853	2,987	1,868	(D)	-
INDUSTRY 2015.—POULTRY DRESSING PLANTS											
Establishments.....number..	967	220	91	98	157	146	201	45	9	-	-
All employees:											
Total.....do....	70,104	421	603	1,308	5,130	10,591	30,639	15,400	6,012	-	-
Payroll.....\$1,000..	204,400	1,172	1,744	3,617	14,107	29,472	90,150	46,009	18,129	-	-
Value added, adjusted.....do....	410,909	3,966	5,056	9,970	32,248	59,503	185,556	86,420	28,190	-	-
Value of shipments.....do....	2,240,871	14,616	24,170	40,423	162,770	324,682	1,051,823	489,290	133,097	-	-
Capital expenditures, new...do....	34,306	36,101	730	1,133	5,562	4,057	11,165	4,261	1,297	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes \$5-\$10 million for plants under construction but not in operation.²Includes \$1-\$2 million for plants under construction but not in operation.³Includes \$2-\$5 million for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
						Col. B Col. B+C				Col. B Col. F
						(percent)				(percent)
						(\$1,000)				(\$1,000)
A	B	C	D	E	F	G	H	I		
2011	Meat slaughtering plants.....1963.. 1958..	12,435,454	¹ 11,706,099	218,535	510,820	98	¹ 13,545,659	¹ 11,706,099	² 1,839,560	86
		11,972,464	¹ 11,264,036	240,427	468,001	98	¹ 12,751,432	¹ 11,264,036	² 1,487,396	88
2013	Meat processing plants.....1963.. 1958..	2,130,275	1,707,369	² 105,257	³ 317,649	94	4,285,836	1,707,369	2,578,467	40
		2,066,257	1,442,654	² 47,753	³ 575,850	97	4,085,992	1,442,654	2,643,338	35
2015	Poultry dressing plants.....1963.. 1958..	2,240,871	2,059,149	38,125	143,597	98	2,109,644	2,059,149	50,495	98
		1,888,166	1,692,995	33,079	162,092	98	1,734,797	1,692,995	41,802	98

Note: See Introduction for an explanation of terms used.

¹Includes prepared meats and natural sausage, but excludes fresh meat processed from purchased carcasses, which is classified as resales.²Excludes fresh meat products shipped from plants which did not slaughter animals.³Includes, as part of resales, fresh meat products processed from purchased carcasses.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Meat slaughtering plants (SIC 2011)	Meat processing plants (SIC 2013)	Other industries
MEAT SLAUGHTERING AND PROCESSING PLANTS					
	Total shipments and receipts of the industry.....	(X)	12,435,454	2,130,275	(X)
2011-	Meat slaughtering plants.....	9,259,823	9,169,288	60,422	30,113
20111	Beef, fresh and frozen.....	5,707,795	5,671,960	34,154	1,681
20112	Veal, fresh and frozen.....	310,844	309,782	(under 2)	(under 2)
20113	Lamb and mutton, fresh and frozen.....	300,078	299,717	361	-
20114	Pork, fresh and frozen.....	2,202,525	2,189,202	13,323	-
20115	Lard.....	223,566	210,838	(over 2)	(over 2)
20119	Hides, skins, and pelts.....	223,421	211,194	551	11,676
20110	Other meat packing products, except sausage casings, n.s.k.....	291,594	276,595	4,857	10,142
2013-	Meat processing plants.....	4,285,836	2,536,811	1,707,369	41,656
20116	Processed pork.....	1,634,717	1,176,088	458,216	413
20136					
20117	Sausages.....	1,756,193	850,642	903,202	2,349
20137					
20118	Canned meats.....	730,077	482,165	209,724	38,188
20138					
20139	Natural sausage casings and other processed meat.....	91,663	27,832	63,267	564
20130	Meat processing plants, n.s.k.....	73,186	84	72,960	142
	Secondary products.....	(X)	218,535	44,835	(X)
20153	Turkeys.....	(X)	-	(2-5)	(X)
20222	Process cheese and related products.....	(X)	-	(over 2)	(X)
20324	Other canned specialties.....	(X)	-	(2-5)	(X)
20373	Frozen prepared food and soups (other than seafood).....	(X)	6,907	4,973	(X)
20415	Prepared flour and flour mixes (made from flour milled in this establishment).....	(X)	-	(over 2)	(X)
20422	Livestock feeds (complete feeds and supplements).....	(X)	(2-5)	(under 2)	(X)
20423	Dog and cat food.....	(X)	6,181	7,303	(X)
20941	Grease and inedible tallow.....	(X)	73,559	1,168	(X)
20942	Feed and fertilizer byproducts.....	(X)	75,843	202	(X)
20943	Animal and marine oil products, including foots.....	(X)	2,876	(under 2)	(X)
20961	Shortening and cooking oils.....	(X)	32,039	442	(X)
20999	Other food preparations, n.e.c.....	(X)	(under 2)	4,334	(X)
28911	Glue and adhesives and sizes.....	(X)	(over 2)	(under 2)	(X)
28912	Gelatin, except ready-to-eat desserts.....	(X)	(over 2)	-	(X)
	Other secondary products.....	(X)	6,868	9,137	(X)
	Miscellaneous receipts.....	(X)	510,820	317,649	(X)
93000	Commission receipts.....	(X)	33,685	3,749	(X)
99989	Resales (including sales of fresh meat from purchased carcasses).....	(X)	466,956	305,777	(X)
99980	Other miscellaneous receipts.....	(X)	10,179	8,123	(X)
Listing of other industries with over \$2 million shipments of the primary product classes:					
20115	2096 Shortening and cooking oils.....	(X)	(X)	(X)	(over 2)
20119	2094 Animal and marine fats and oils.....	(X)	(X)	(X)	9,732
20110	2096 Shortening and cooking oils.....	(X)	(X)	(X)	2,881
20118	2032 Canned specialties.....	(X)	(X)	(X)	28,810
20138					
20118	2035 Pickles, sauces, salad dressings.....	(X)	(X)	(X)	2,540
20138					
20118	2099 Food preparation, n.e.c.....	(X)	(X)	(X)	(over 2)
20138					

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Poultry dressing plants (SIC 2015)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Poultry dressing plants (SIC 2015)	Other industries
	POULTRY DRESSING PLANTS					POULTRY DRESSING PLANTS—Continued			
	Total shipments and receipts of the industry.....	(X)	2,240,871	(X)	20421	Secondary products—Continued			
	Primary products.....	2,109,644	2,059,149	50,495		Poultry feeds (complete feeds and supplements).....	(X)	7,342	(X)
20151	Hens (or fowl) and other chickens	1,479,986	1,459,453	20,533		Other secondary products.....	(X)	8,257	(X)
20153	Turkeys.....	371,884	356,866	15,018	93000	Miscellaneous receipts.....	(X)	143,597	(X)
20154	Canned poultry.....	39,133	32,620	6,513	99989	Commission receipts.....	(X)	12,374	(X)
20155	Other poultry and small game....	14,252	13,660	592	99980	Resales.....	(X)	86,270	(X)
20156	Liquid, dried and frozen eggs....	139,664	132,568	7,096		Other miscellaneous receipts.....	(X)	44,953	(X)
20150	Poultry dressing plants, n.s.k....	64,725	63,982	743		Listing of other industries with over \$2 million shipments of the primary product classes:			
	Secondary products.....	(X)	38,125	(X)	20151	2037 Frozen fruits and vegetables	(X)	(X)	(5-10)
20210	Creamery butter.....	(X)	6,927	(X)	20151	2042 Prepared animal feeds.....	(X)	(X)	(over 2)
20231	Dry milk products.....	(X)	(2-5)	(X)	20153	2013 Meat processing plants.....	(X)	(X)	(2-5)
20322	Canned soups (except frozen or seafood).....	(X)	(2-5)	(X)	20153	2021 Creamery butter.....	(X)	(X)	(over 2)
20335	Canned vegetable juices.....	(X)	(over 2)	(X)	20153	2037 Frozen fruits and vegetables	(X)	(X)	(over 2)
20373	Frozen prepared foods and soups (other than seafood).....	(X)	7,506	(X)	20154	2037 Frozen fruits and vegetables	(X)	(X)	(2-5)
					20156	2021 Creamery butter.....	(X)	(X)	(2-5)
					20156	2042 Prepared animal feeds.....	(X)	(X)	(over 2)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2011 --	MEAT SLAUGHTERING PLANT PRODUCTS, TOTAL ¹.....	.....	(X)	² 9,259,823	(X)	² 8,665,440
20111 --	Beef not canned or made into sausage.....	1,000 lbs.....	14,754,742	5,707,795	12,065,658	5,019,357
20111 12	Whole carcass beef.....	...do.....	10,636,817	4,098,378	8,409,495	3,478,777
20111 17	Primal and fabricated cuts.....	...do.....	2,123,667	910,083	1,874,974	844,953
20111 31	Boneless beef, including hamburger.....	...do.....	909,439	377,801	882,633	411,409
20111 51	Variety meats (edible organs).....	...do.....	593,589	120,922	574,023	138,841
20111 71	Other edible beef including corn beef.....	...do.....	94,392	47,114	75,761	41,888
20111 00	Beef, not canned or made into sausage, n.s.k.....	...do.....	³ 396,838	153,497	³ 248,772	103,489
20112 --	Veal not canned or made into sausage.....	...do.....	727,244	310,844	934,062	414,102
20112 12	Whole carcass veal.....	...do.....	504,605	204,882	688,174	289,714
20112 17	Primal cuts fabricated cuts and boneless veal.....	...do.....	135,797	67,386	166,833	85,022
20112 61	Other edible veal including edible organs.....	...do.....	47,044	21,567	43,473	23,603
20112 00	Veal not canned or made into sausage, n.s.k.....	...do.....	³ 39,796	17,009	³ 35,582	15,763
20113 --	Lamb and mutton not canned or made into sausage.....	...do.....	786,730	300,078	687,113	305,161
20113 12	Whole carcass lamb and mutton.....	...do.....	608,586	232,127	555,534	247,020
20113 52	Primal cuts and all other edible lamb and mutton, except canned meats and sausage.....	...do.....	148,231	56,542	131,579	58,141
20113 00		Lamb and mutton not canned or made into sausage, n.s.k.....	...do.....	³ 29,913	11,409	-
20114 --	Pork fresh and frozen.....	...do.....	7,487,192	2,202,525	6,100,427	2,124,283
20114 12	Whole carcass pork.....	...do.....	1,121,126	280,201	977,185	292,764
20114 17	Primal cuts, including trimmings, but excluding fresh pork sausage.....	...do.....	5,699,740	1,787,019	4,625,450	1,716,266
20114 51		Variety meats (fresh edible organs).....	...do.....	467,849	76,913	448,358	98,050
20114 00	Pork fresh and frozen, n.s.k.....	...do.....	³ 198,477	58,392	³ 49,434	17,203
20115 --	Lard, sold as such (excluding shortening) ⁴.....	...do.....	2,313,681	223,566	2,551,339	331,970
20115 13	Consumer sizes (containers of 3 lbs. or less).....	...do.....	484,850	55,975	662,148	95,194
20115 17	Commercial sizes (containers of more than 3 lbs.).....	...do.....	1,816,026	166,354	1,869,606	234,230
20115 00	Lard, n.s.k.....	...do.....	³ 12,805	1,237	³ 19,585	2,546
20119 --	Hides, skins and pelts.....	1,000	58,323	223,421	46,936	195,667
20119 11	Cattle.....	...do.....	26,241	156,354	20,032	125,841
20119 21	Calf.....	...do.....	5,863	22,313	6,614	32,041
20119 51	Sheep and lamb.....	...do.....	17,783	36,109	12,356	24,284
20119 98	Other hides, skins, and pelts.....	...do.....	7,490	5,022	5,465	3,208
20119 00	Hides, n.s.k.....	...do.....	³ 946	3,623	³ 2,469	10,293
2011X --	Other meat packing products except sausage casings.....	.....	(X)	87,822	(X)	105,673
2011X 11	Fresh meat other than beef, veal, pork, lamb or mutton.....	1,000 lbs.....	18,411	3,316	67,450	11,121
2011X 31	Pulled wool ⁵.....	...do.....	(D)	(D)	9,165	6,438
2011X 41	Edible tallow and stearin ⁶.....	...do.....	542,406	40,932	481,895	58,661
2011X 51	Glue stock (semimanufactured material to be made into glue).....	.....	(X)	(D)	(X)	1,081
2011X 55	Killing floor offal, scrap, and bones.....	.....	(X)	32,077	(X)	28,372
20110 00	Meat slaughtering plant products, n.s.k.....	.....	(X)	203,772	(X)	169,227
2013- --	MEAT PROCESSING PLANT PRODUCTS, TOTAL ¹.....	.....	(X)	⁶ 4,285,836	(X)	⁶ 4,085,992
20136 --	Pork, processed or cured, not canned or made into sausage.....	1,000 lbs.....	3,974,912	1,634,717	3,829,370	1,821,724
20116 --	Made in slaughtering plants.....	...do.....	2,951,287	1,176,088	(NA)	1,349,020
20136 --	Made elsewhere.....	...do.....	1,023,625	458,629	(NA)	472,704
20116 12	Sweet pickled or dry cured (not smoked or cooked).....	...do.....	305,982	103,801	411,280	155,089
20136 12						
20116 22	Dry salt pork.....	...do.....	219,462	37,133	310,215	72,809
20136 22						
20116 31	Smoked pork (not otherwise cooked):					
20136 31	Hams and picnics, except canned.....	...do.....	1,362,983	594,140	1,319,629	673,460
20116 35	Slab bacon.....	...do.....	347,008	119,977	405,799	177,386
20136 35						
20116 41	Sliced bacon.....	...do.....	1,114,950	465,972	932,524	492,907
20136 41						
20116 52	Other smoked pork.....	...do.....	268,170	111,443	216,751	93,734
20136 52						
20116 61	Boiled ham and other cooked pork, except canned meat and sausage.....	...do.....	156,359	119,992	112,519	98,904
20136 61						
20116 00	Pork processed or cured, n.s.k.....	...do.....	³ 199,998	82,259	³ 120,662	57,435
20136 00						

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2013- --	MEAT PROCESSING PLANT PRODUCTS ¹ —CONTINUED					
20137 --	Sausage and similar products, not canned.....	1,000 lbs.....	3,685,826	1,756,193	3,108,953	1,526,214
20117 --	Made in slaughtering plants.....	...do.....	1,876,140	850,642	(NA)	835,987
20137 --	Made elsewhere.....	...do.....	1,809,686	905,551	(NA)	690,227
20117 11	Fresh sausage, pork sausage, breakfast links, etc.....	...do.....	560,768	243,355	456,730	215,166
20137 11		...do.....				
20117 17		...do.....	226,931	157,691	197,087	131,335
20137 17		...do.....				
20117 21	Frankfurters and weiners.....	...do.....	1,112,534	496,460	951,681	449,178
20137 21		...do.....				
20117 35	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, packed lunch meat, minced roll, smoked pork sausage, etc.).....	...do.....	1,451,292	700,960	1,226,505	600,203
20137 35		...do.....				
20117 91	Jellied goods and similar preparations, not canned (head cheese, meat loaves, scrapple, puddings, chili con carne, imitation sausage, etc.).....	...do.....	205,995	96,589	163,974	74,861
20137 91		...do.....				
20117 00	Sausage and similar products, n.s.k.....	...do.....	³ 128,306	61,138	³ 112,976	55,471
20137 00		...do.....				
20138 --	Canned meats (except dog and cat food) containing 20% or more meat ⁷.....	...do.....	1,521,217	730,077	1,198,593	598,641
20118 --	Made in slaughtering plants.....	...do.....	966,650	482,165	(NA)	406,520
20138 --	Made elsewhere.....	...do.....	554,567	247,912	(NA)	192,121
20139 --	Natural sausage casings.....	.....	(NA)	91,663	(NA)	63,583
20139 11	Beef sausage casings.....	.....	(NA)	11,685	(NA)	10,699
20139 31	Hog sausage casings.....	.....	(NA)	33,374	(NA)	34,788
20139 51	Sheep and lamb sausage casings.....	.....	(NA)	17,137	(NA)	8,664
20139 61	Other animal casings.....	.....	(NA)	4,841	(NA)	7,822
20139 00	Natural sausage casings, n.s.k.....	.....	(NA)	24,626	(NA)	1,610
20130 00	Processed meat, n.s.k.....	.....	(X)	73,186	(X)	75,831
2015- --	DRESSED, PACKED OR CANNED POULTRY AND PROCESSED EGGS, TOTAL ⁸...	.....	(X)	2,109,644	(X)	1,734,797
20151 --	Hens (or fowl) and other chickens.....	1,000 lbs.....	5,717,779	1,479,986	4,078,715	1,178,375
20151 11	Hens (or fowl) and chickens other than young chickens:					
20151 15	New York dressed (dressed weight).....	...do.....	316,090	69,635	171,451	44,442
	Eviscerated or drawn (eviscerated weight).....	...do.....	588,237	152,328	315,211	95,946
20151 31	Young chickens (including commercial broilers):					
20151 35	New York dressed (dressed weight).....	...do.....	295,125	82,564	633,041	161,159
	Eviscerated or drawn (eviscerated weight).....	...do.....	4,170,456	1,085,430	2,784,968	823,076
20151 00	Hens (or fowl) and other chickens, n.s.k.....	...do.....	³ 347,871	90,029	³ 174,044	53,752
20153 --	Turkeys.....	...do.....	1,138,213	371,884	737,261	257,921
20153 12	Fryer-roaster turkeys (usually under 16 weeks of age) (dressed weight).....	...do.....	55,091	17,259	699,335	244,605
20153 13	Young turkey (mature) (usually 5 to 7 months of age):					
20153 16	New York dressed (dressed weight).....	...do.....	57,405	17,316		
20153 18	Eviscerated or drawn (eviscerated weight).....	...do.....	942,228	312,387	³ 37,926	13,316
20153 18	Old turkeys (breeders) (usually over 15 months of age) (dressed weight).....	...do.....	34,949	9,064		
20153 00	Turkeys, n.s.k.....	...do.....	³ 48,540	15,858		
20154 --	Canned poultry, except soups.....	1,000 cases...	(X)	39,133	1,757	25,590
20154 13	10 oz. and under.....	1,000 cases of				
	40.1 oz.-60 oz.....	48.....	1,075	12,594	844	12,436
20154 15		1,000 cases of				
	Other sizes.....	12.....	681	6,390	291	4,366
20154 19	Packaged poultry (not canned).....	1,000 cases...	1,091	10,026	622	8,788
20155 --	Other poultry and small game.....	1,000 lbs.....	40,946	14,252	51,094	19,396
20155 13	Ducks (dressed weight).....	...do.....	36,861	12,291	51,094	19,396
20155 15	Other poultry and small game killed in this establishment (geese, rabbits, etc.) (dressed weight).....	...do.....	2,815	1,519		
20155 00	Other poultry and small game, n.s.k.....	...do.....	³ 1,270	442		
20156 --	Liquid, dried and frozen eggs ¹⁰.....	.....	(X)	139,664	(X)	150,697
	Eggs, dried:					
20156 11	Whites.....	1,000 lbs.....	10,953	11,307	9,335	9,115
20156 13	Yolks.....	...do.....	8,297	8,594	7,755	8,800
20156 15	Whole.....	...do.....	17,918	17,297	9,716	10,795
20156 17	Mixed.....	...do.....	7,137	6,568		

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2015- --	DRESSED, PACKED OR CANNED POULTRY AND PROCESSED EGGS ⁸ —Con.					
20156 --	Liquid, dried and frozen eggs ¹⁰ —Continued					
20156 50	Eggs, frozen or liquid.....	1,000 lbs.....	350,698	89,015	409,286	117,001
20156 00	Eggs, liquid, dried, frozen, n.s.k.....	.....	(X)	6,883	(X)	4,988
20150 00	Poultry and small game dressing and packing, wholesale, n.s.k.....	.....	(X)	64,725	(X)	102,818

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Substantial quantities of these products are produced at nonmanufacturing establishments and are not included in this data.

²Excludes prepared meats made in slaughtering plants.

³Quantity estimated based on quantity-value relationship reported for other products.

⁴In the census Current Industrial Reports Series M20K "Fats and Oils", data are published for the production of various fats and oils. The production of lard as shown in this report amounted to 2,373.0 million pounds in 1963 and 2,253.0 million pounds in 1958. These data are compiled by the U.S. Department of Agriculture. The production of edible tallow shown in the M20K report was 527.9 million pounds for 1963 and 315.8 million pounds for 1958.

⁵Data represents the output of establishments classified in industries 2011 and 2013. Detailed information was not obtained from establishments engaged primarily in wool pulling and classified in industry 3999 Miscellaneous Products, N.E.C.

⁶Includes prepared meats made in slaughtering plants.

⁷Canned meat products containing less than 20 percent meat are included in the report for industry 2032, Canned Specialties.

⁸Substantial amounts of fowl and small game are killed and dressed for the commercial market on farms, retail and wholesale establishments and are not included in these statistics.

⁹Packaged poultry (boned and frozen), not canned, was not requested as a separate item on the 1963 report form. It is possible that some companies included their shipments of this product with other products of the industry. Therefore, the figure shown for 1963 represents a minimum measure of the shipments in that year. Comparable data for 1958 is not available.

¹⁰Substantial amounts of frozen or liquid eggs are processed at wholesale establishments and are not included in these statistics.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
201--	Meat products.....1963..	127	96	2013-	Meat processing plant products ¹.....1963..	114	95
	.....1958..	110	106		.....1958..	106	103
2011-	Meat slaughtering plant products ¹....1963..	123	101	20136	Pork, processed or cured, not		
	.....1958..	106	111		canned or made into sausage.....1963..	102	79
					.....1958..	104	94
20111	Beef, not canned or made into			20137	Sausage and similar products		
	sausage.....1963..	124	114		(not canned).....1963..	121	113
	.....1958..	106	120		.....1958..	110	116
20112	Veal, not canned or made into			20138	Canned meats (except dog and cat		
	sausage.....1963..	55	141		food) containing 20 percent or		
	.....1958..	71	147		more meat.....1963..	121	103
					.....1958..	96	107
20113	Lamb and mutton, not canned or			2015-	Dressed, packed, or canned poultry		
	made into sausage.....1963..	100	101		and processed eggs ¹.....1963..	213	74
	.....1958..	87	117		.....1958..	156	84
20114	Pork, fresh and frozen.....1963..	145	78	20151	Hens (or fowl) and other chickens..1963..	224	73
	.....1958..	118	93		.....1958..	160	82
20115	Lard, sold as such (excluding			20153	Turkeys.....1963..	241	75
	shortening).....1963..	102	56		.....1958..	158	80
	.....1958..	118	74		.....1963..	357	51
20119	Hides, skins, and pelts.....1963..	97	99		.....1958..	159	84
	.....1958..	84	103	20154	Canned poultry.....1963..		
					.....1958..	70	93
				20155	Other poultry and small game.....1963..	88	101
					.....1958..	106	88
				20156	Liquid, dried, or frozen eggs.....1963..		
					.....1958..	105	97

¹Adjusted to include such products not specified by kind and not included below.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2011-	Meat slaughtering plants.....\$1,000..	9,259,813	9,480,260	9,033,184	8,933,548	8,991,431	8,665,440	7,346,183	² 5,538,387
20111	Beef, fresh and frozen.....do....	5,707,795	5,716,596	5,336,595	5,396,292	5,355,431	5,019,357	3,943,145	² 2,693,739
20112	Veal, fresh and frozen.....do....	310,844	344,123	328,385	350,608	373,529	414,102	397,560	² 341,568
20113	Lamb and mutton, fresh and frozen.....do....	300,078	291,390	287,304	295,774	308,034	305,161	298,528	² 284,057
20114	Pork, fresh and frozen.....do....	2,202,525	2,240,473	2,177,439	2,073,761	2,056,089	2,124,283	1,928,756	² 1,168,541
20115	Lard.....do....	223,566	257,353	288,290	273,735	281,214	331,970	383,163	² 466,490
20119	Hides, skins, and pelts.....do....	223,421	(367,978)	(355,701)	(340,296)	(366,412)	195,667	225,522	² 330,890
20110	Other meat packing products, except sausage casings.....do....	291,594	262,347	259,470	203,082	250,722	274,900	169,509	² 253,102
2013-	Meat processing plants.....do....	4,285,836	4,175,393	4,060,607	3,885,215	3,949,290	4,085,992	3,716,455	² 2,939,536
20116 20136	} Processed pork:								
	Quantity.....1,000 lbs..	3,974,912	3,759,214	3,676,127	3,810,689	3,920,018	3,829,379	(NA)	² 2,828,017
	Value.....\$1,000..	1,634,717	1,621,255	1,634,029	1,605,862	1,695,106	1,821,724	1,847,332	² 1,472,875
20117 20137	} Sausage:								
	Quantity.....1,000 lbs..	3,685,826	3,418,696	3,356,321	3,161,937	3,092,784	3,108,953	(NA)	² 2,359,113
	Value.....\$1,000..	1,756,193	1,633,509	1,584,905	1,509,898	1,501,187	1,526,214	1,187,096	² 961,654
20118 20138 20139	} Canned meats.....do....	730,077	724,446	694,576	632,899	631,283	598,641	583,439	² 406,151
	Natural sausage casings and other processed meat.....do....								
20130	Meat processing plant.....do....	164,849	(196,183)	(147,097)	(136,556)	(121,714)	139,413	98,588	² 98,856
2015-	Poultry dressing plants.....do....	2,109,644	1,938,730	1,936,164	1,907,326	1,751,810	1,734,797	(NA)	(NA)
20151	Hens (or fowl) and other chickens.....do....	1,479,986	1,340,504	1,319,117	1,319,535	1,171,725	1,178,375	899,317	304,417
20153	Turkeys.....do....	371,884	312,803	305,952	296,129	270,094	257,921	203,836	97,339
20154	Canned poultry.....do....	39,133	35,693	34,621	34,417	33,679	25,590	(NA)	(NA)
20155	Other poultry and small game.....do....	14,252	23,834	24,826	14,944	14,558	19,396	21,916	6,907
20156	Liquid, dried and frozen eggs.....do....	139,664	129,229	156,452	145,654	160,274	150,697	148,034	236,758
20150	Poultry dressing plants, n.s.k.....do....	64,725	(96,667)	(95,196)	(96,647)	(101,480)	102,818	36,717	11,795

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Includes shipments of sausage and other prepared meat products from manufacturers' wholesale branches.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹			1963 ¹	1958		1963 ¹	1958
OTHER MEAT PACKING PRODUCTS, EXCEPT SAUSAGE CASINGS (20110)			BEEF, FRESH AND FROZEN (20111)—Continued			VEAL, FRESH AND FROZEN (20112)—Continued		
United States, total....	291,594		West North Central.....	2,337,019	1,842,727	West South Central.....	65,036	91,587
New England.....	7,422		Minnesota.....	323,025	292,084	Arkansas.....	1,106	2,994
Massachusetts.....	6,165		Iowa.....	793,222	531,151	Louisiana.....	8,731	6,008
Middle Atlantic.....	59,502		Missouri.....	279,669	237,230	Oklahoma.....	5,362	8,731
New York.....	17,294		Nebraska.....	515,892	474,808	Texas.....	49,837	73,854
New Jersey.....	15,148		Kansas.....	274,106	196,880	Mountain.....	1,398	5,531
Pennsylvania.....	27,060		South Atlantic.....	207,731	199,636	Pacific.....	18,394	28,510
East North Central.....	49,317		Maryland.....	30,680	38,376	Washington.....	2,259	1,557
Ohio.....	9,323		Virginia.....	33,259	26,013	California.....	15,007	24,846
Indiana.....	3,372		North Carolina.....	18,286	13,183	LAMB AND MUTTON, FRESH AND FROZEN (20113)		
Illinois.....	14,628		South Carolina.....	12,074	14,345	United States, total...	300,078	305,161
Michigan.....	10,424		Georgia.....	41,758	43,674	Middle Atlantic.....	43,129	48,479
Wisconsin.....	11,570		Florida.....	61,235	54,643	New Jersey.....	22,776	24,138
West North Central.....	43,728		East South Central.....	184,230	170,285	East North Central.....	35,259	35,039
Minnesota.....	3,532		Kentucky.....	34,552	36,071	Ohio.....	2,388	4,105
Iowa.....	13,628		Tennessee.....	78,854	77,039	Indiana.....	3,432	3,845
Missouri.....	8,448		Alabama.....	35,857	31,240	Michigan.....	13,520	12,302
South Dakota.....	4,679		Mississippi.....	34,967	25,935	West North Central.....	83,722	101,388
Nebraska.....	10,293		West South Central.....	338,996	260,760	Minnesota.....	14,399	16,904
Kansas.....	3,050		Arkansas.....	19,564	14,092	Iowa.....	25,436	28,342
South Atlantic.....	23,696		Louisiana.....	16,598	15,314	Nebraska.....	18,836	20,843
Maryland.....	2,650		Oklahoma.....	51,055	47,902	East South Central.....	4,275	4,283
Virginia.....	2,491		Texas.....	251,779	183,452	West South Central.....	20,652	21,680
West Virginia.....	1,332		Mountain.....	477,596	337,480	Texas.....	19,839	16,951
North Carolina.....	8,603		Montana.....	16,704	10,696	Mountain.....	57,949	33,774
Georgia.....	5,443		Idaho.....	45,120	32,149	Idaho.....	1,131	(2)
Florida.....	1,744		Colorado.....	293,105	215,538	Colorado.....	38,149	26,458
East South Central.....	15,498		New Mexico.....	28,289	11,059	Utah.....	16,749	(2)
Kentucky.....	4,368		Arizona.....	40,402	24,492	Pacific.....	54,061	52,778
Tennessee.....	5,744		Utah.....	45,322	34,684	California.....	47,550	46,308
Alabama.....	2,513		Pacific.....	769,371	622,595	All other divisions.....	1,031	(2)
Mississippi.....	2,873		Washington.....	99,396	79,644	PORK, FRESH AND FROZEN (20114)		
West South Central.....	44,496		California.....	620,687	495,829	United States, total...	2,202,525	2,124,283
Arkansas.....	2,312		VEAL, FRESH AND FROZEN (20112)			New England.....	34,961	30,653
Louisiana.....	5,570		United States, total...	310,844	414,102	Middle Atlantic.....	181,093	201,587
Oklahoma.....	4,723		New England.....	4,149	5,634	New York.....	37,876	52,146
Texas.....	31,891		Vermont.....	1,368	(2)	New Jersey.....	54,341	78,487
Mountain.....	19,431		Massachusetts.....	582	3,486	Pennsylvania.....	88,876	70,954
Montana.....	1,691		Middle Atlantic.....	54,790	54,733	East North Central.....	579,179	565,115
Colorado.....	10,928		New York.....	20,191	23,437	Ohio.....	105,486	107,657
Arizona.....	1,651		Louisiana.....	15,911	16,265	Indiana.....	123,619	126,415
Utah.....	2,304		Pennsylvania.....	18,688	15,031	Illinois.....	198,972	215,597
Pacific.....	28,504		East North Central.....	69,125	103,337	West North Central.....	969,244	888,236
Oregon.....	7,064		Ohio.....	6,111	8,047	Minnesota.....	154,482	160,091
California.....	16,041		Indiana.....	6,977	8,380	Iowa.....	441,111	384,003
BEEF, FRESH AND FROZEN (20111)			Illinois.....	15,644	25,195	Missouri.....	108,949	111,471
United States, total....	5,707,795	5,019,357	Michigan.....	15,415	21,189	Nebraska.....	130,951	107,266
New England.....	39,859	40,015	Wisconsin.....	24,978	40,526	Kansas.....	70,246	(2)
Maine.....	2,801	1,641	West North Central.....	37,032	57,189	South Atlantic.....	142,188	142,620
Massachusetts.....	13,071	17,316	Missouri.....	4,117	7,265	Virginia.....	52,827	45,007
Connecticut.....	11,703	12,652	Nebraska.....	1,387	2,759	North Carolina.....	24,590	18,317
Middle Atlantic.....	379,241	371,423	Kansas.....	7,571	9,009	South Carolina.....	8,573	8,339
New York.....	63,011	92,236	South Atlantic.....	40,893	34,567	Georgia.....	30,932	31,568
New Jersey.....	115,842	110,402	Maryland.....	2,538	4,318	Florida.....	9,534	10,033
Pennsylvania.....	200,388	168,785	Georgia.....	6,730	7,729			
East North Central.....	973,752	1,174,436	Florida.....	8,309	4,718			
Ohio.....	260,502	250,868	East South Central.....	20,027	33,014			
Indiana.....	156,291	136,363	Tennessee.....	8,784	14,660			
Illinois.....	269,682	470,400	Alabama.....	3,688	5,766			
Michigan.....	121,124	133,982	Mississippi.....	7,007	11,785			
Wisconsin.....	166,153	182,823						

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
PORK, FRESH AND FROZEN (20114)—Continued			HIDES, SKIN, AND PELTS (20119)—Continued			PROCESSED PORK (20136)—Continued		
East South Central.....	121,957	104,781	East North Central.....	39,770	43,250	Middle Atlantic.....	204,743	241,643
Kentucky.....	32,055	33,555	Ohio.....	7,655	7,844	New York.....	97,247	124,739
Tennessee.....	60,589	47,610	Indiana.....	6,980	5,493	New Jersey.....	33,049	39,732
Alabama.....	13,182	(²)	Illinois.....	12,105	14,730	Pennsylvania.....	74,447	77,172
Mississippi.....	16,131	(²)	Michigan.....	7,148	7,994	East North Central.....	362,368	449,046
West South Central.....	62,280	64,755	Wisconsin.....	5,882	7,189	Ohio.....	98,351	99,837
Arkansas.....	7,306	5,940	West North Central.....	82,219	61,122	Indiana.....	71,963	80,553
Louisiana.....	3,163	1,732	Minnesota.....	12,359	12,205	Illinois.....	110,632	168,348
Oklahoma.....	13,403	16,702	Iowa.....	27,918	16,606	Michigan.....	42,910	39,482
Texas.....	38,408	40,381	Missouri.....	10,636	8,148	Wisconsin.....	38,512	60,826
Mountain.....	40,898	43,606	Nebraska.....	17,544	12,849	West North Central.....	451,621	544,846
Montana.....	7,020	4,834	Kansas.....	8,305	6,720	Minnesota.....	80,988	99,650
Idaho.....	2,534	2,864	South Atlantic.....	10,048	11,918	Iowa.....	165,748	211,076
Wyoming.....	1,304	(²)	Virginia.....	2,127	2,779	Nebraska.....	57,916	75,888
Colorado.....	17,529	21,257	Georgia.....	3,302	3,234	Kansas.....	57,214	63,222
New Mexico.....	1,894	1,843	Florida.....	1,923	1,983	East South Central.....	102,053	89,014
Utah.....	6,591	8,827	East South Central.....	8,851	9,976	Kentucky.....	20,923	19,205
Pacific.....	70,725	82,930	Kentucky.....	1,597	1,624	Tennessee.....	41,326	38,700
Washington.....	19,424	17,108	Tennessee.....	3,346	4,386	Alabama.....	21,667	19,057
California.....	41,680	59,557	Alabama.....	1,772	1,841	Mississippi.....	18,137	12,052
LARD (20115)			Mississippi.....	2,136	2,125	West South Central.....	105,799	93,804
United States, total....	223,566	331,970	West South Central.....	15,770	18,449	Arkansas.....	5,043	(²)
Northeast.....	30,722	54,820	Oklahoma.....	1,586	2,306	Louisiana.....	4,959	4,818
New York.....	4,253	8,014	Texas.....	12,703	13,893	Oklahoma.....	18,729	(²)
Pennsylvania.....	7,569	(²)	Mountain.....	25,491	11,553	Texas.....	77,068	60,380
East North Central.....	52,358	79,771	Idaho.....	1,373	(²)	Mountain.....	41,053	36,886
Ohio.....	8,347	15,492	Colorado.....	17,029	7,151	Montana.....	5,063	4,387
Indiana.....	12,489	17,098	Arizona.....	1,326	(²)	Idaho.....	2,718	(²)
Illinois.....	19,607	28,553	Utah.....	2,539	1,217	Colorado.....	18,425	14,724
West North Central.....	86,700	122,549	Pacific.....	19,026	17,816	New Mexico.....	2,186	(²)
Minnesota.....	16,270	20,065	Washington.....	2,030	2,150	Pacific.....	139,134	137,969
Iowa.....	31,299	49,856	Oregon.....	1,383	1,365	Washington.....	23,339	22,885
Missouri.....	9,906	14,720	California.....	15,408	14,301	California.....	105,036	104,544
Nebraska.....	11,837	15,944	MEAT PROCESSING PLANTS, N.S.K. (20130)					
South Atlantic.....	15,941	18,361	United States, total....		73,186	SAUSAGES (20117 and 20137)		
Maryland.....	3,200	4,515	New England.....		6,206	United States, total....	1,756,193	1,526,214
Virginia.....	6,141	5,375	Middle Atlantic.....		23,368	New England.....	88,002	82,157
North Carolina.....	1,351	1,414	New York.....		13,658	Maine.....	3,360	2,967
Georgia.....	2,976	4,937	New Jersey.....		5,177	New Hampshire.....	3,913	3,044
Florida.....	1,119	(²)	Pennsylvania.....		4,533	Massachusetts.....	66,843	63,446
East South Central.....	12,861	17,874	East North Central.....		21,699	Rhode Island.....	1,905	(²)
Kentucky.....	3,859	4,397	Ohio.....		1,276	Connecticut.....	11,981	11,117
Tennessee.....	5,850	10,103	Indiana.....		1,844	Middle Atlantic.....	334,012	290,909
Alabama.....	1,585	(²)	Illinois.....		11,302	New York.....	166,605	120,767
Mississippi.....	1,567	(²)	Michigan.....		5,964	New Jersey.....	47,450	46,067
West South Central.....	8,784	19,384	Wisconsin.....		1,313	Pennsylvania.....	119,957	124,075
Oklahoma.....	1,873	(²)	West North Central.....		4,207	East North Central.....	490,178	429,782
Texas.....	6,473	10,744	South Atlantic.....		5,794	Ohio.....	104,992	96,288
Mountain.....	5,137	5,853	North Carolina.....		1,532	Indiana.....	60,971	55,456
Colorado.....	2,373	2,528	East South Central.....		2,083	Illinois.....	157,792	125,506
Pacific.....	11,063	13,358	Tennessee.....		1,437	Michigan.....	79,773	75,224
Washington.....	2,252	3,037	West South Central.....		3,793	Wisconsin.....	86,650	77,308
California.....	8,129	9,461	Texas.....		3,023	West North Central.....	284,087	240,392
HIDES, SKIN, AND PELTS (20119)			West.....		6,036	Minnesota.....	72,930	63,017
United States, total....	223,421	195,667	PROCESSED PORK (20136)			Iowa.....	77,415	61,596
New England.....	1,166	3,090	United States, total....	1,634,717	1,821,724	Missouri.....	42,187	40,805
Middle Atlantic.....	21,080	18,493	New England.....		60,885	Nebraska.....	35,150	27,713
New York.....	6,454	6,686	Massachusetts.....		54,352	Kansas.....	37,483	29,747
New Jersey.....	6,706	5,925	Connecticut.....		3,629			
Pennsylvania.....	7,920	5,882						

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹			1963 ¹	1958
SAUSAGES (20117 and 20137)—Continued			NATURAL SAUSAGE CASINGS AND OTHER PROCESSED MEATS (20139)			TURKEYS (20153)		
South Atlantic.....	176,473	157,749	United States, total...	91,663		United States, total...	371,884	257,921
Delaware.....	2,866	(2)				New England.....	1,260	803
Maryland.....	48,607	34,761	Northeast.....	21,790		Middle Atlantic.....	10,221	5,831
Virginia.....	29,369	22,648	New York.....	11,620		New York.....	4,639	(2)
West Virginia.....	4,152	4,841	New Jersey.....	2,887		Pennsylvania.....	5,582	4,778
North Carolina.....	18,955	17,927	East North Central.....	26,209		East North Central.....	42,995	27,393
South Carolina.....	15,618	11,287	Ohio.....	3,349		Ohio.....	6,788	5,922
Georgia.....	22,499	22,459	Illinois.....	16,400		Indiana.....	11,234	10,302
Florida.....	34,407	28,384	Michigan.....	2,983		Wisconsin.....	21,005	8,466
East South Central.....	94,422	79,067	Wisconsin.....	3,126		West North Central.....	142,408	94,095
Kentucky.....	22,449	21,525	West North Central.....	18,630		Minnesota.....	72,966	43,309
Tennessee.....	38,285	29,044	Minnesota.....	4,597		Iowa.....	34,323	20,083
Alabama.....	21,429	17,352	Iowa.....	6,618		Missouri.....	13,712	13,311
Mississippi.....	12,259	11,146	Missouri.....	1,721		Nebraska.....	12,873	7,477
West South Central.....	89,020	71,860	Nebraska.....	3,495				
Arkansas.....	8,341	6,573	South.....	3,594		South.....	77,616	56,082
Louisiana.....	12,013	9,102	Mountain.....	4,402		Maryland.....	1,476	(2)
Oklahoma.....	13,999	12,310	Colorado.....	1,969		Virginia.....	19,758	17,476
Texas.....	54,667	43,875				North Carolina.....	12,192	7,272
Mountain.....	37,466	31,387	Pacific.....	17,038		Georgia.....	2,235	(2)
Montana.....	3,531	2,670	California.....	15,557		Arkansas.....	12,464	7,739
Idaho.....	6,195	3,950				Texas.....	16,842	11,495
Colorado.....	16,964	14,686	HENS (OR FOWL) AND OTHER CHICKENS (20151)			Mountain.....	8,574	9,965
New Mexico.....	2,328	(2)	United States, total...	1,479,986	1,178,375	Utah.....	2,868	(2)
Arizona.....	3,296	(2)						
Utah.....	4,542	4,946	New England.....	78,396	91,117	Pacific.....	88,810	63,752
			Maine.....	56,470	52,638	California.....	81,532	54,426
Pacific.....	162,533	142,911	Connecticut.....	9,464	15,374			
Washington.....	21,132	17,957	Middle Atlantic.....	85,675	77,469	CANNED POULTRY (20154)		
Oregon.....	7,787	10,095	New York.....	9,377	13,331	United States, total...		39,133
California.....	131,385	114,859	New Jersey.....	11,951	9,216	Northeast.....		9,252
			Pennsylvania.....	64,347	54,922	East North Central.....		4,916
CANNED MEATS (20118 and 20138)			East North Central.....	58,256	85,407	West North Central.....		14,892
United States, total....	730,077	598,641	Ohio.....	20,272	24,846	South and West.....		10,073
New England.....	27,841	21,129	Indiana.....	14,641	23,928	Virginia.....		3,057
Middle Atlantic.....	53,859	34,989	Illinois.....	7,675	19,038			
New York.....	26,072	20,947	Michigan.....	2,423	3,835	OTHER POULTRY AND SMALL GAME (20155)		
New Jersey.....	9,426	(2)	Wisconsin.....	13,245	13,760	United States, total...		14,252
Pennsylvania.....	18,361	(2)	West North Central.....	64,541	79,408	East North Central.....		2,821
East North Central.....	136,995	148,401	Minnesota.....	15,265	13,314	All other divisions.....		11,431
Ohio.....	3,270	(2)	Iowa.....	6,340	9,963			
Indiana.....	27,384	(2)	Missouri.....	26,313	31,222	LIQUID, DRIED, AND FROZEN EGGS (20156)		
Illinois.....	83,665	109,791	South Atlantic.....	580,695	458,442	United States, total...	139,664	150,697
West North Central.....	420,489	316,997	Delaware.....	49,545	47,267	Middle Atlantic.....	2,703	(2)
Minnesota.....	131,731	100,804	Maryland.....	99,908	60,580	East North Central.....	22,188	35,315
Iowa.....	136,534	116,278	Virginia.....	41,955	37,747	Ohio.....	5,241	(2)
Missouri.....	49,481	13,679	North Carolina.....	145,803	94,236	Indiana.....	2,083	6,881
Nebraska.....	50,471	52,741	South Carolina.....	14,585	7,131	Illinois.....	12,559	17,187
South Atlantic.....	20,788	13,079	Georgia.....	203,918	194,566	West North Central.....	97,835	101,244
Maryland.....	2,917	(2)	Florida.....	22,038	11,539	Minnesota.....	12,821	
Virginia.....	5,370	4,042	East South Central.....	250,114	149,042	Iowa.....	19,982	23,743
Georgia.....	7,911	5,263	Kentucky.....	9,315	(2)	Missouri.....	27,975	32,929
East South Central.....	27,389	18,238	Tennessee.....	32,718	(2)	South Dakota.....	6,714	6,901
West South Central.....	29,863	36,966	Alabama.....	117,418	71,427	Nebraska.....	19,410	14,202
Texas.....	20,407	32,359	Mississippi.....	90,663	54,839			
Mountain.....	2,548	2,117	West South Central.....	276,578	175,883	South Atlantic.....	6,030	8,608
Pacific.....	10,305	6,725	Arkansas.....	140,568	73,103	East South Central.....	2,704	
			Texas.....	96,354	75,196	West South Central.....	1,602	
			Mountain.....	9,497	5,874	West.....	6,602	
			Idaho.....	3,933	1,028			(2)
			Utah.....	3,740	(2)			
			Pacific.....	76,234	55,733			
			Washington.....	17,703	15,675			
			California.....	51,801	31,672			

Footnotes on next page.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Footnotes for Table 6D-20A

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available (X) Not applicable. (Z) Less than \$1 million reported. n.s.k. Not specified by kind.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20110, Washington; 20111, New Hampshire, Vermont, North Dakota, South Dakota, West Virginia, Wyoming, Nevada, Oregon, and Hawaii; 20112, New Hampshire, Minnesota, Iowa, Virginia, South Carolina, and Oregon; 20113, New York, Pennsylvania, Illinois, Missouri, North Dakota, South Dakota, Kansas, Kentucky, New Mexico, Washington, and Oregon; 20114, Massachusetts, Rhode Island, Connecticut, Michigan, Wisconsin, South Dakota, Maryland, West Virginia, Arizona, and Oregon; 20115, Rhode Island, New Jersey, Michigan, Wisconsin, South Dakota, and Kansas; 20119, North Dakota, South Dakota, and Nevada; 20130, Massachusetts, Missouri, Nebraska, Kansas, District of Columbia, Oregon, and California; 20116 and 20136, New Hampshire, Missouri, South Dakota, West Virginia, Arizona, and Utah; 20117 and 20137, North Dakota, South Dakota, and Hawaii; 20118 and 20138, New Hampshire, Massachusetts, Michigan, Wisconsin, South Dakota, Kansas, South Carolina, Florida, Kentucky, Tennessee, Mississippi, Louisiana, Oklahoma, Colorado, Washington, and California; 20139, Massachusetts, Pennsylvania, South Dakota, Kansas, Texas, New Mexico, and Washington; 20151, New Hampshire, Vermont, Massachusetts, Nebraska, Kansas, West Virginia, Louisiana, Oklahoma, Colorado, Oregon, and Hawaii; 20153, Michigan, North Dakota, South Dakota, Kansas, Kentucky, Oklahoma, Idaho, Colorado, Washington, and Oregon; 20154, New York, New Jersey, Pennsylvania, Illinois, Minnesota, Iowa, Delaware, Texas, and Washington; 20155, New York and Indiana; 20156, New York, Michigan, Wisconsin, North Dakota, Kansas, North Carolina, Georgia, Tennessee, and California.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Description of materials	1963			1958			1963		1958	
		Number of head	Quantity	Delivered cost	Number of head	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
			(1,000 lbs.)	(\$1,000)		(1,000 lbs.)	(\$1,000)				
		INDUSTRY 2011.—MEAT SLAUGHTERING PLANTS						INDUSTRY 2013.—MEAT PROCESSING PLANTS			
	Materials, containers, and supplies, total	(X)	(X)	10,007,396	(X)	(X)	9,828,002	(X)	1,296,616	(X)	1,418,567
013913	Cattle.....	23,748,619	¹ 24,461,078	4,980,836	20,413,114	¹ 20,093,659	4,531,417	(X)	(²)	(X)	(²)
013923	Calves.....	4,931,432	¹ 971,492	256,563	6,681,720	¹ 1,491,301	367,367	(X)	(²)	(X)	(²)
013943	Sheep and lambs.....	14,807,317	¹ 1,421,502	284,347	13,552,320	¹ 1,348,326	285,392	(X)	(²)	(X)	(²)
013933	Hogs.....	77,424,966	¹ 18,194,867	2,822,256	63,283,010	¹ 15,599,467	3,128,598	(X)	(²)	(X)	(²)
	Fresh and frozen meats:										
201111	Beef.....	(X)	536,604	191,955	(X)	589,922	230,677	746,305	251,769	953,325	366,754
201121	Veal.....	(X)	25,721	10,459	(X)	47,417	21,097	36,787	14,679	55,481	21,952
201131	Lamb.....	(X)	40,340	11,865	(X)	18,388	7,616	25,619	7,331	53,019	19,983
201141	Pork.....	(X)	1,239,644	390,574	(X)	787,030	274,344	1,480,190	440,103	1,151,717	410,121
201101	Meat materials for sausage and canning, not separable by species...	(X)	334,793	112,410	(X)	304,614	106,701	539,097	147,211	531,089	170,266
201161	Processed pork—cured, smoked, etc.....	(X)	155,249	46,931	(X)	141,468	52,481	184,890	61,576	180,255	75,281
201102	Other purchased meat, materials (cured beef, cured lamb, goat meat, etc.).....	(X)	83,037	20,843	(X)	92,140	31,702	91,057	30,172	81,423	31,117
201191	Hides, skins, and pelts purchased.....	(X)	(X)	22,833	(X)	(X)	7,485	(X)	(²)	(X)	(²)
	Casings:										
201391	Animal casings purchased.....	(X)	(X)	14,187	(X)	(X)	17,995	(X)	33,310	(X)	28,342
307914	Synthetic casings.....	(X)	(X)	24,254	(X)	(X)	(²)	(X)	23,555	(X)	(²)
202311	Dried milk.....	(X)	29,434	4,420	(X)	(X)	(²)	26,350	3,953	(X)	(²)
970099	All other materials, ingredients, containers, packaging materials and supplies.....	(X)	(X)	470,330	(X)	(X)	392,699	(X)	169,145	(X)	114,642
976000	Materials, etc., n.s.k. ³	(X)	(X)	342,333	(X)	(X)	372,431	(X)	113,812	(X)	180,109
	Description of materials	Unit of measure			1963		1958				
Quantity					Delivered cost	Quantity	Delivered cost				
						(\$1,000)		(\$1,000)			
	Materials, containers, and supplies, total.....				(X)	1,743,768	(X)	1,503,499			
	Poultry killed:										
	Young chickens (includes commercial broilers).....	Live weight									
		1,000 lbs.....			6,174,751	946,630	3,952,870	735,543			
013321	Hens (or fowl) and other chickens.....	...do.....			617,808	79,600	591,160	90,127			
013331	Turkeys.....	...do.....			1,197,589	272,004	802,968	188,465			
013391	Other poultry and small game (includes ducks, geese, rabbits, etc.).....				(X)	10,800	(X)	6,597			
	Other materials used:										
	Dressed poultry purchased as such.....	Dressed weight									
		1,000 lbs.....			256,259	66,476	225,680	55,016			
013325	Shell eggs.....	Case 30 doz.....			12,423,751	109,395	16,286,963	149,058			
970099	All other materials, ingredients, containers, and supplies.....				(X)	150,929	(X)	278,693			
976000	All other materials, containers, and supplies, n.s.k. ³				(X)	107,931					

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Quantity reported in 1,000 pounds of live weight.

²Included in "all other materials" code 970099.

³Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Meat slaughtering plants (SIC 2011)	Meat processing plants (SIC 2013)	Poultry dressing plants (SIC 2015)
Total cost of purchased fuels and electric energy.....\$1,000..	54,300	9,940	12,871
Total cost of purchased fuels.....do....	28,140	4,261	4,595
Bituminous coal, lignite, and anthracite:			
Quantity.....1,000 short tons..	717	24	64
Cost.....\$1,000..	5,271	199	244
Coke and breeze:			
Quantity.....1,000 short tons..	-	-	-
Cost.....\$1,000..	-	-	-
Fuel oil (distillate and residual):			
Quantity.....1,000 barrels of 42 gallons..	1,302	368	320
Cost.....\$1,000..	4,485	1,309	1,301
Gas (natural, manufactured, still, blast furnace, and coke oven):			
Quantity.....million cu. ft..	35,203	3,533	3,550
Cost.....\$1,000..	12,842	1,736	1,754
Other fuels.....do....	5,542	1,017	1,296
Electric energy:			
Purchased:			
Quantity.....million kw. hrs..	2,050	347	483
Cost.....\$1,000..	5,542	5,679	8,276
Generated less sold.....million kw. hrs..	151	(S)	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	1,010	182	216
Prime movers, total.....do....	166	10	9
Driving generators.....do....	56	6	4
Not driving generators.....do....	110	4	5
Electric motors, total.....do....	905	172	207
Driven by purchased energy.....do....	845	172	207
Driven by energy generated at establishment.....do....	60	(Z)	-
Aggregate horsepower per 100 production workers.....	713	498	349

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2011-	MEAT SLAUGHTERING PLANTS										
	Entire industry.....	2,992	180,873	1,146,947	138,356	289,294	847,025	1,908,309	10,530,861	12,435,454	80,235
	Establishments with—										
	90% or more specialization..	2,625	175,744	1,120,341	134,387	280,199	827,353	1,856,978	10,371,094	12,225,399	72,673
	75-89% specialization.....	38	1,755	10,495	1,301	2,866	7,153	18,585	63,824	81,376	497
20111	Beef, fresh and frozen (primary product class of estab.).....	1,426	109,361	703,466	83,620	175,407	521,339	1,161,311	7,421,506	8,587,095	40,906
	Establishments with—										
	90% or more specialization....	563	16,002	108,225	12,230	26,320	77,199	223,862	2,435,133	2,661,730	12,216
	75-89% specialization.....	233	5,555	33,870	4,298	9,265	24,209	69,172	603,505	576,251	1,837
20112	Veal, fresh and frozen (primary product class of estab.).....	91	2,463	13,206	1,935	4,401	9,785	27,353	159,253	186,344	1,495
	Establishments with—										
	90% or more specialization....	33	345	1,652	252	533	1,078	4,277	21,983	26,309	96
	75-89% specialization.....	9	158	873	125	269	644	1,700	12,407	14,138	121
20113	Lamb and mutton, fresh and frozen (primary product class of estab.).....	22	1,336	8,148	1,058	2,015	5,989	15,016	94,079	109,422	349
	Establishments with—										
	90% or more specialization....	5	275	1,499	224	482	1,111	3,334	18,294	21,692	102
	75-89% specialization.....	6	442	3,007	338	652	2,226	5,134	36,211	41,472	67
20114	Pork, fresh and frozen (primary product class of estab.).....	216	30,833	202,002	23,790	50,252	152,551	322,572	1,630,067	1,951,683	14,761
	Establishments with—										
	90% or more specialization....	62	3,176	20,912	2,665	6,028	16,163	37,268	353,970	391,726	3,104
	75-89% specialization.....	11	523	2,805	339	574	1,751	1,745	18,003	19,834	143
20116	Processed pork (primary product class of estab.).....	60	8,285	49,239	6,304	13,713	35,207	77,779	313,912	391,294	2,947
20117	Sausage (primary product class of estab.).....	190	17,337	101,879	12,762	26,362	68,514	173,693	457,437	629,201	7,970
	Establishments with—										
	90% or more specialization....	63	1,077	4,923	737	1,503	2,773	11,017	24,651	35,662	1,350
	75-89% specialization.....	18	319	1,415	232	466	885	3,743	7,008	10,749	370
20119	Hide, skins, and pelts (primary product class of estab.).....	23	550	2,583	466	1,005	2,017	6,580	14,149	20,470	306
	Establishments with—										
	90% or more specialization....	15	283	1,435	237	484	1,130	2,952	5,146	8,089	80
2013-	MEAT PROCESSING PLANTS										
	Entire industry.....	1,341	48,599	289,405	36,351	75,964	195,232	563,362	1,568,663	2,130,275	21,425
	Establishments with—										
	90% or more specialization..	1,206	40,877	242,703	30,478	63,571	163,497	475,269	1,291,705	1,763,806	17,121
	75-89% specialization.....	51	3,765	22,515	2,852	6,228	15,116	35,657	120,732	156,738	1,516
20136	Processed pork (primary product class of estab.).....	203	10,456	65,642	8,197	17,539	47,017	107,146	461,736	568,495	3,410
	Establishments with—										
	90% or more specialization....	105	1,933	10,763	1,615	3,382	8,708	21,951	83,139	105,126	712
	75-89% specialization.....	21	1,457	9,266	1,088	2,324	5,937	5,241	72,897	77,750	492
20137	Sausages (primary product class of estab.).....	734	29,807	180,924	21,549	44,984	118,868	340,884	815,888	1,157,928	13,066
	Establishments with—										
	90% or more specialization....	552	15,761	93,622	11,192	23,334	59,818	187,356	388,183	574,862	7,619
	75-89% specialization.....	60	2,926	18,031	2,008	4,331	11,030	31,446	70,009	101,536	1,633
20138	Canned meats (primary product class of estab.).....	51	4,001	21,181	3,175	6,569	14,249	66,281	170,671	235,825	2,444
	Establishments with—										
	90% or more specialization....	30	2,492	13,049	2,138	4,284	9,757	41,255	118,030	158,471	1,728
	75-89% specialization.....	12	900	4,569	656	1,396	2,500	14,198	24,503	38,960	558
20139	Natural sausage casings and other processed meats (primary product class of estab.).....	41	1,923	10,830	1,557	3,278	7,412	22,577	55,357	76,616	544
	Establishments with—										
	90% or more specialization....	34	1,286	6,850	1,068	2,144	4,693	13,902	23,649	36,455	321

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2015-	POULTRY DRESSING PLANTS										
	Entire industry.....	967	70,104	204,400	63,817	120,167	169,920	410,909	1,840,801	2,240,871	34,306
	Establishments with—										
	90% or more specialization..	913	66,176	191,267	60,292	113,208	159,273	383,694	1,743,075	2,119,060	28,024
	75-89% specialization.....	14	937	3,280	853	1,559	2,759	9,001	29,585	35,366	1,322
20151	Hens (or fowl) and other chickens (primary product class of estab.)	560	51,361	149,721	46,754	88,091	125,040	282,193	1,318,536	1,598,530	18,576
	Establishments with—										
	90% or more specialization....	472	42,563	121,993	38,791	73,220	102,317	232,248	1,102,135	1,334,329	16,132
	75-89% specialization.....	39	3,179	9,845	2,830	5,268	7,979	19,184	92,334	111,238	474
20153	Turkeys (primary product class of estab.).....	97	9,762	29,305	8,934	17,575	23,976	67,041	314,435	374,729	6,154
	Establishments with—										
	90% or more specialization....	63	6,105	18,105	5,579	11,576	14,660	43,073	193,228	234,519	4,198
	75-89% specialization.....	14	2,029	6,341	1,878	3,428	5,404	12,156	65,290	74,018	1,682
20154	Canned poultry (primary product class of estab.).....	19	1,421	5,078	1,252	2,460	4,056	11,496	23,309	35,132	570
	Establishments with—										
	90% or more specialization....	11	652	2,046	587	1,130	1,662	4,553	10,507	14,701	306
20155	Other poultry and small game (primary product class of estab.)	8	448	1,603	416	647	1,307	2,895	9,736	11,763	165
20156	Liquid, dried, and frozen eggs (primary product class of estab.)	77	3,924	11,321	3,625	6,759	9,321	27,633	125,613	151,776	2,051
	Establishments with—										
	90% or more specialization....	64	2,762	8,306	2,537	4,823	6,743	20,683	96,091	116,545	1,824
	75-89% specialization.....	5	339	788	319	447	685	1,902	9,382	10,786	29

DAIRIES

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2021—Creamery Butter
- 2022—Cheese, Natural and Processed
- 2023—Condensed and Evaporated Milk
- 2024—Ice Cream and Frozen Desserts
- 2026—Fluid Milk

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

Establishments in this group primarily engaged in (1) manufacturing creamery butter; natural cheese and process cheese; condensed and evaporated milk; ice cream and frozen desserts; and (2) processing (pasteurizing, homogenizing, vitaminizing, bottling) fluid milk and cream for wholesale or retail distribution. Milk receiving stations primarily engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants are not included in this group.

The group is characterized by a considerable overlapping of production between industries; for example, plants which primarily bottle and distribute fluid milk, also produce considerable quantities of ice cream and butter.

2021—CREAMERY BUTTER

This industry comprises establishments primarily engaged in manufacturing creamery butter.

Value of shipments and other receipts of the Creamery Butter Industry totaled \$989 million. This amount included shipments of butter (primary product) valued at \$631 million, shipments of other products (secondary products) valued at \$283 million, and miscellaneous receipts (mainly resales) at \$75 million.

This industry's shipments of butter (primary products) represented 69 percent of its total product shipments. The industry specialization ratio in 1958 was 70 percent. Secondary products shipped by this industry in 1963 consisted mainly of other dairy products,

valued at \$275 million, of which dry milk products and fluid milk and cream accounted for \$140 million and \$100 million, respectively.

Shipments of butter by this industry represented 77 percent of all shipments of these products (\$820 million) by all industries. In 1958 the coverage ratio was 80 percent. Of other industries shipping butter, the most important were industry 2026, Fluid Milk, \$99 million; and industry 2023, Condensed and Evaporated Milk, \$69 million.

The production index for the primary products of the industry increased to 98 in 1963 from the 1958 level of 96. The unit value index for 1963 was 97, the same level as in 1958. Both indexes were computed on a basis of 1954 = 100.

2022—CHEESE, NATURAL AND PROCESSED

The Natural and Process Cheese Industry includes establishments engaged primarily in the manufacture of natural cheese (except cottage cheese), process cheese, cheese foods, and cheese spreads. This represents an amendment to the 1957 edition of the Standard Industrial Classification (SIC) Manual used for the 1958 Census of Manufactures. For 1958, establishments primarily engaged in the manufacture of natural cheese (except cottage cheese) or in the manufacture of process cheese from natural cheese produced in the same establishments were classified in industry 2022, Natural Cheese. Establishments primarily producing process cheese, cheese food, cheese spreads, or related products from purchased natural cheese were classified in industry 2025, Special Dairy Products. Establishments primarily engaged in manufacturing cottage cheese are classified in industry 2026, Fluid Milk.

The value of shipments and other receipts of the Natural and Process Cheese Industry totaled \$1,171 million, of which \$1,028 million consisted of natural and processed cheese (primary products). The remaining shipments consisted of \$82 million, other products (chiefly fluid milk and butter) and \$61 million miscellaneous receipts, of which \$56 million were resales.

The specialization and coverage ratios for this industry in 1963 were 93 percent and 96 percent respectively, indicating a high degree of comparability between general statistics (tables 1 to 4) and product statistics (table 6A). These ratios were 90 percent and 96 percent in 1958.

The production index for the primary products of the industry increased to 141 in 1963 from the 1958 level of 106. The unit value index for 1963 was 108 compared to 103 in 1958. Both indexes were computed on a basis of 1954 = 100.

2023—CONDENSED AND EVAPORATED MILK

This industry comprises establishments primarily engaged in manufacturing condensed and evaporated milk, and related products, including ice cream mix and ice milk mix made for sale as such.

Value of shipments and other receipts of the Condensed and Evaporated Milk Industry totaled \$938 million. This amount included shipments of condensed and evaporated milk (primary products) valued at \$729 million, shipments of other products (secondary products) valued at \$182 million, and miscellaneous receipts (mainly resales) at \$27 million.

This industry's shipments of condensed and evaporated milk represented 80 percent of its total product shipments. The industry specialization ratio in 1958 was 84 percent. Secondary products shipped by this industry in 1963 consisted mainly of fluid milk, \$87 million; and butter, \$69 million.

Shipments of condensed and evaporated milk by this industry in 1963 represented 66 percent of all shipments of these products (\$1,104 million) by all industries. In 1958 the coverage ratio was 69 percent.

The production index for the primary products of the industry increased to 125 in 1963 from the 1958 level of 109. The unit value index for 1963 was 99 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2024—ICE CREAM AND FROZEN DESSERTS

This industry comprises establishments primarily engaged in manufacturing ice cream and other frozen desserts.

Value of shipments and other receipts of the Ice Cream and Frozen Desserts Industry totaled \$1,076 million. This amount included shipments of ice cream and frozen desserts (primary products) valued at \$892 million, shipments of other products (secondary products) valued at \$71 million (chiefly fluid milk), and miscellaneous receipts (mainly resales) at \$113 million.

This industry's shipments of ice cream and frozen desserts (primary products) represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent.

Shipments of ice cream and frozen desserts by this industry represented 74 percent of all shipments of these products (\$1,210 million) by all industries. In 1958 the coverage ratio was 71 percent. Industry 2026, Fluid Milk, with 1958 shipments of ice cream and frozen desserts valued at \$298 million, accounted for the largest portion of the remaining 26 percent shipped by plants not classified in the Ice Cream and Frozen Desserts Industry.

The production index for the primary products of the industry increased to 148 in 1963 from the 1958 level of 123. The unit value index for 1963 was 85 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

2026—FLUID MILK

This industry comprises establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products.

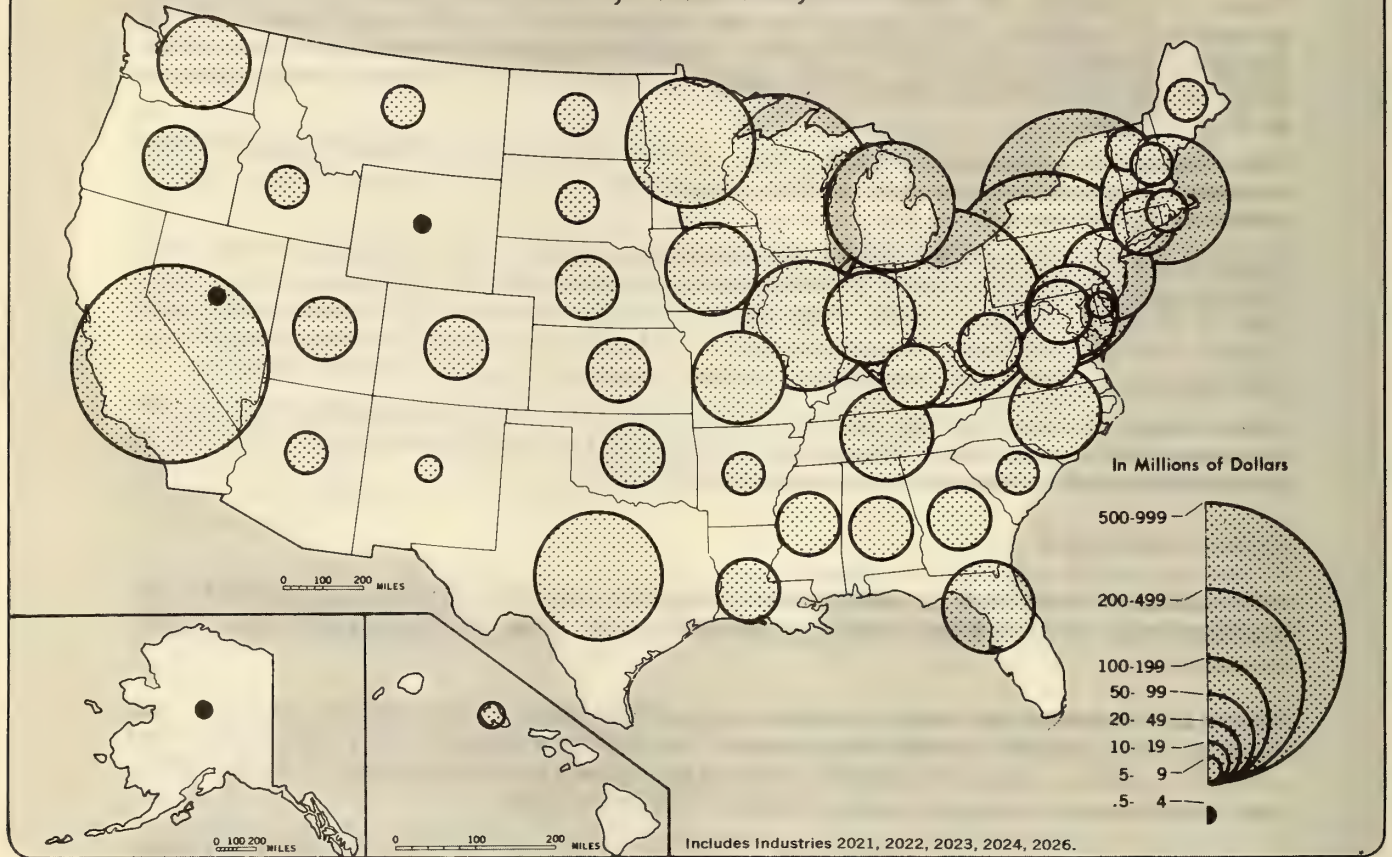
Value of shipments and other receipts of the Fluid Milk Industry in 1963 totaled \$7,026 million. This amount included shipments of fluid milk products (primary products) valued at \$5,717 million, shipments of other products (secondary products) valued at \$663 million, and miscellaneous receipts (mainly resales) at \$646 million.

This industry's shipments of fluid milk products represented 90 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry in 1963 consisted mainly of ice cream, \$298 million, and creamery butter, \$99 million.

Shipments of fluid milk by this industry represented 95 percent of all shipments of these products (\$6,017 million) by all industries. In 1958 the coverage ratio was 95 percent.

The production index for the primary products of the industry increased to 140 in 1963 from the 1958 level of 124. The unit value index for 1963 was 100 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

DAIRIES: SIC 202 Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2021.—CREAMERY BUTTER														
1963.....	725	766	178	11,992	52,870	8,607	19,471	36,959	132,665	854,599	988,777	9,930	69	77
1962 ¹	(NA)	(NA)	(NA)	15,797	73,612	10,783	27,555	50,036	160,876	1,124,663	1,294,409	(26,133)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	16,124	70,990	10,713	27,957	48,779	158,328	1,061,963	1,218,847	19,620	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	16,809	67,562	11,882	27,623	45,821	154,331	956,376	1,108,237	12,505	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,304	66,809	12,454	27,420	45,195	151,529	909,711	1,062,626	16,141	(NA)	(NA)
1958.....	990	1,058	228	17,295	62,895	12,294	25,561	42,314	147,207	875,257	1,023,460	17,094	70	80
1954.....	1,172	1,262	248	21,019	65,601	15,060	32,756	42,920	142,399	867,155	1,013,797	13,566	74	77
1947 ²	1,482	1,904	(NA)	27,109	59,013	19,746	(NA)	41,323	138,217	867,673	1,005,890	(NA)	79	84
INDUSTRY 2022.—NATURAL AND PROCESS CHEESE														
1963 ³	982	1,138	206	17,956	78,684	14,893	31,082	61,836	179,750	995,252	1,170,836	15,866	93	96
1962 ¹	(NA)	(NA)	(NA)	17,594	73,316	14,814	30,203	56,909	174,961	927,846	1,106,982	12,105	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	18,228	73,042	15,317	32,040	57,054	169,750	946,024	1,110,123	11,025	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	18,159	68,877	15,037	31,140	54,073	161,114	829,771	993,997	10,158	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,088	63,287	14,232	28,865	50,080	137,696	755,013	893,257	16,959	(NA)	(NA)
1958 (new SIC) ⁴	1,123	1,310	195	17,032	62,989	14,120	28,485	49,838	133,021	743,650	873,614	13,739	90	96
1958 (old SIC) ⁴	(NA)	1,493	239	20,919	80,829	17,029	35,791	61,768	187,338	829,698	1,036,157	16,863	(NA)	(NA)
1954.....	1,382	1,606	243	21,214	68,958	17,190	37,373	52,876	144,831	772,852	922,174	15,093	(NA)	(NA)
1953 ¹	(NA)	(NA)	(NA)	17,238	57,420	14,410	30,757	45,243	132,795	666,038	806,153	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	20,294	52,437	18,756	41,743	45,729	127,742	601,185	728,927	(NA)	(NA)	(NA)
1947 (comparable with 1950-63 old basis) ⁵ ..	1,410	1,877	65	20,284	47,284	17,064	38,352	37,794	113,491	648,736	762,227	(NA)	(NA)	(NA)
1947 (comparable with earlier years) ⁵	(NA)	1,950	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	115,429	661,671	777,100	(NA)	(NA)	(NA)
1939.....	(NA)	2,733	(NA)	9,237	10,588	7,387	(NA)	7,583	23,952	141,824	165,776	(NA)	(NA)	(NA)
1937 ⁶	(NA)	2,601	(NA)	5,107	5,274	6,393	(NA)	6,376	24,420	140,889	165,309	(NA)	(NA)	(NA)
1935.....	(NA)	2,573	(NA)	5,052	4,890	4,344	(NA)	3,936	14,828	84,122	98,950	(NA)	(NA)	(NA)
1931.....	(NA)	2,371	(NA)	(NA)	(NA)	2,964	(NA)	3,564	13,991	54,081	68,072	(NA)	(NA)	(NA)
1929.....	(NA)	2,758	(NA)	4,262	5,447	3,401	(NA)	4,588	17,918	92,727	110,645	(NA)	(NA)	(NA)
1927.....	(NA)	2,738	(NA)	4,355	5,666	3,250	(NA)	4,897	17,660	100,788	118,448	(NA)	(NA)	(NA)
1925.....	(NA)	2,935	(NA)	4,128	4,830	3,398	(NA)	4,320	15,109	103,569	118,678	(NA)	(NA)	(NA)
1921.....	(NA)	2,789	(NA)	4,125	4,969	3,498	(NA)	4,424	12,762	69,118	81,880	(NA)	(NA)	(NA)
1919.....	(NA)	3,530	(NA)	4,593	5,859	3,997	(NA)	4,809	14,031	129,425	143,456	(NA)	(NA)	(NA)
1914.....	(NA)	3,082	(NA)	3,234	2,274	2,908	(NA)	2,066	4,986	46,759	51,745	(NA)	(NA)	(NA)
1909.....	(NA)	3,560	(NA)	3,016	1,825	2,704	(NA)	1,670	5,241	39,022	44,263	(NA)	(NA)	(NA)
1904 ⁷	(NA)	3,610	(NA)	2,829	1,531	2,652	(NA)	1,494	3,881	25,257	29,138	(NA)	(NA)	(NA)
INDUSTRY 2023.—CONDENSED AND EVAPORATED MILK														
1963.....	167	281	166	12,255	66,990	9,533	20,068	50,413	236,250	699,352	937,925	12,113	80	66
1962 ¹	(NA)	(NA)	(NA)	12,235	66,814	9,735	19,959	47,904	248,742	688,568	963,160	13,384	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	13,196	67,908	10,411	21,283	48,326	265,401	756,783	1,036,830	14,320	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	13,851	71,784	10,772	22,308	49,581	284,917	670,070	935,684	14,061	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	13,332	63,707	11,079	23,201	48,382	217,727	636,222	850,667	13,596	(NA)	(NA)
1958 (new SIC) ⁸	161	313	202	13,445	61,443	10,758	23,237	46,547	202,709	613,743	820,649	12,746	84	69
1958 (old SIC) ⁸	(NA)	296	194	12,495	56,852	9,941	21,677	42,913	180,372	599,796	784,377	10,029	(NA)	(NA)
1954 ⁵	166	359	192	13,310	50,513	10,900	24,583	39,338	165,295	531,023	703,298	25,733	82	68
1947.....	182	451	(NA)	18,250	47,352	15,028	33,711	37,639	156,739	624,656	781,395	(NA)	(NA)	(NA)
1939.....	(NA)	562	(NA)	12,392	15,916	9,705	(NA)	11,234	46,233	163,523	209,756	(NA)	(NA)	(NA)
1937.....	(NA)	601	(NA)	10,743	13,251	8,967	(NA)	9,964	44,112	166,606	210,718	(NA)	(NA)	(NA)
1935.....	(NA)	467	(NA)	9,891	10,913	8,458	(NA)	8,319	40,544	130,945	171,489	(NA)	(NA)	(NA)
1933.....	(NA)	436	(NA)	7,338	7,758	6,331	(NA)	6,100	34,388	96,698	131,086	(NA)	(NA)	(NA)
1931.....	(NA)	485	(NA)	(NA)	(NA)	6,121	(NA)	7,256	39,201	109,397	148,598	(NA)	(NA)	(NA)
1929.....	(NA)	535	(NA)	8,498	11,681	7,065	(NA)	8,796	45,323	163,787	209,110	(NA)	(NA)	(NA)
1927.....	(NA)	464	(NA)	8,742	11,757	7,390	(NA)	9,191	40,406	159,680	200,086	(NA)	(NA)	(NA)
1925.....	(NA)	402	(NA)	8,385	10,629	7,118	(NA)	8,391	31,206	140,041	171,247	(NA)	(NA)	(NA)
1923.....	(NA)	378	(NA)	(NA)	(NA)	8,293	(NA)	10,126	33,115	153,996	187,111	(NA)	(NA)	(NA)
1921.....	(NA)	382	(NA)	12,268	15,911	9,462	(NA)	10,349	44,312	132,525	176,837	(NA)	(NA)	(NA)
1919.....	(NA)	401	(NA)	16,487	19,924	13,675	(NA)	14,278	56,912	282,595	339,507	(NA)	(NA)	(NA)
1914.....	(NA)	190	(NA)	7,579	5,613	6,002	(NA)	3,662	13,441	55,720	69,161	(NA)	(NA)	(NA)
1909.....	(NA)	136	(NA)	4,946	3,156	4,164	(NA)	2,170	8,417	26,878	35,295	(NA)	(NA)	(NA)
1904 ⁶	(NA)	81	(NA)	3,688	1,876	3,375	(NA)	1,513	4,151	16,373	20,524	(NA)	(NA)	(NA)
INDUSTRY 2024.—ICE CREAM AND FROZEN DESSERTS														
1963.....	901	1,081	387	29,143	158,257	15,585	32,495	76,557	433,006	644,630	1,076,479	31,915	93	74
1962 ¹	(NA)	(NA)	(NA)	32,571	168,290	16,079	34,552	73,178	432,308	660,639	1,092,730	26,370	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	33,700	167,706	16,697	35,151	72,293	427,383	658,219	1,085,788	20,159	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	34,922	163,763	17,516	36,432	73,560	427,706	621,630	1,048,302	24,836	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	34,117	157,878	18,304	38,017	74,499	408,950	599,123	1,006,492	23,774	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
	INDUSTRY 2024.—ICE CREAM AND FROZEN DESSERTS—Continued													
1958.....	1,167	1,390	458	34,795	153,950	18,673	37,673	72,442	394,686	557,286	951,499	26,150	94	71
1957 ¹	(NA)	(NA)	(NA)	33,357	151,324	20,652	40,376	71,667	371,250	(NA)	842,598	30,795	95	73
1956 ¹	(NA)	(NA)	(NA)	35,222	140,513	20,412	41,477	66,285	345,483	(NA)	780,184	26,774	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	35,537	133,778	20,798	42,574	64,791	340,147	422,373	751,281	25,527	93	70
1954 ⁵	1,375	1,587	477	36,488	134,171	20,982	42,422	64,193	335,430	437,073	773,491	25,733	93	70
1947.....	1,273	1,690	(NA)	46,657	119,259	29,272	52,779	66,082	279,724	492,777	772,501	(NA)	90	87
	INDUSTRY 2026.—FLUID MILK													
1963.....	4,030	4,619	1,948	185,050	1,032,879	68,577	147,142	358,770	2,203,196	4,821,672	7,025,892	126,147	90	95
1962 ¹	(NA)	(NA)	(NA)	196,282	1,033,245	71,348	143,046	361,114	2,265,603	4,571,912	6,888,799	116,678	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	199,422	1,027,638	75,030	153,527	361,485	2,189,788	4,597,227	6,834,521	117,612	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	203,929	1,034,135	80,069	160,162	365,048	2,165,405	4,580,492	6,762,604	120,898	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	207,421	1,108,080	83,645	177,946	365,557	2,124,705	4,536,563	6,649,282	147,856	(NA)	(NA)
1958.....	5,157	5,828	2,239	212,238	1,009,638	86,279	182,316	369,306	1,998,490	4,444,517	6,412,333	135,701	90	95
1957 ¹	(NA)	(NA)	(NA)	203,443	901,630	88,662	189,888	335,704	1,861,917	3,585,949	5,409,306	110,934	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	206,221	864,507	91,609	195,591	330,273	1,732,764	3,521,362	5,209,480	117,109	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	201,144	823,468	91,975	198,308	320,575	1,607,976	3,283,187	4,586,750	109,993	(NA)	(NA)
1954 ⁹	6,250	6,689	2,011	191,397	767,045	89,061	(¹⁰)	307,834	1,514,589	3,351,106	4,866,448	98,910	82	94
1948 ¹¹	(NA)	6,616	(NA)	149,082	472,886	(NA)	(NA)	(NA)	(NA)	(NA)	3,704,003	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²1947 data have been retabulated to conform with the 1954 definition of the industry. The statistics previously published for 1939 and earlier years are not comparable with 1947 and 1954. See footnote 5.

³In 1963, the Natural and Process Cheese Industry includes establishments engaged primarily in the manufacture of natural cheese (except cottage cheese), process cheese, cheese foods and cheese spreads. This represents an amendment to the 1957 edition of the Standard Industrial Classification (SIC) Manual used for the 1958 Census of Manufactures. For 1958, establishments primarily engaged in the manufacture of natural cheese (except cottage cheese), or in the manufacture of process cheese from natural cheese produced in the same establishments were classified in industry 2022, Natural Cheese. Establishments primarily producing process cheese, cheese food, cheese spreads, or related products from purchased natural cheese were classified in industry 2025, Special Dairy Products. The prior year data shown for each of these industries have been combined to obtain information comparable to that shown for 1963.

⁴In 1958, the SIC manual changed the definition for this industry. Establishments primarily producing cottage cheese, plastic cream, aerated cream, buttermilk, and flavored milk drinks were transferred from industry 2022, Natural and Process Cheese, to industry 2026, Fluid Milk. For this reason two lines are shown for 1958. The 1958 (new) line is comparable with data since 1958 and the 1958 (old) line is comparable with data prior to 1958.

⁵Prior to 1954 dairy plants were not treated statistically as one group. The 1947 census excluded from manufacturing dairy plants which manufactured dairy products (butter, cheese, ice cream, etc.) if these plants also distributed fluid milk at retail. Although such plants were considered "nonmanufacturing," supplemental information on their operations was secured and tabulated separately. 1954 census dairy industries were defined to include fluid milk plants and the 1947 data were retabulated to conform to the 1954 definitions. For some industries the change in definitions did not affect comparability of the 1954 data with the annual survey of manufactures data for 1949-1953, which was based on 1947 definitions. However, comparable annual survey of manufactures figures for industry 2021 could not be developed; the figures for industry 2023 and industry 2024 for 1949-1953 are not comparable either to the old 1947 data nor to the retabulated 1947 data.

⁶The products of old industry 2025, Special Dairy Products, which is now part of industry 2022, Natural and Process Cheese, were formerly (prior to 1937) classified in industry 2099, Food Preparation, Not Elsewhere Classified. Separate figures are, therefore, not available for years prior to 1937.

⁷Prior to 1904, "Creamery butter," "Natural cheese," and "Concentrated milk" were combined in one industry.

⁸Slight changes were made to this industry as a result of the 1957 revisions to the Standard Industrial Classification Manual. The following products formerly part of industry 2022, Natural and Process Cheese, were transferred to industry 2023, Condensed and Evaporated Milk: dry flavor milk products, malted milk powder, and dry dietary supplements.

⁹Prior to 1954, the Standard Industrial Classification system did not include as manufacturing, plants which pasteurized or bottled fluid milk. Those plants which primarily engaged in home service distribution of fluid milk were classified in retail trade, whereas those plants primarily distributing to other business firms were classified in wholesale trade. The 1954 data on shipments of bottled and packaged milk were compared with data developed by the U. S. Department of Agriculture relating to nonfarm consumption of fluid milk. This comparison indicated that the census of manufactures figures represented about 75 percent of the total fluid milk produced for direct consumption. On the assumption that 10 percent of the U.S.D.A. total estimate represents marginal production outside the scope of the census of manufactures, it would appear that the census coverage of it's broader objective (i.e. coverage of all milk processing in the SIC manufacturing sector) was 85-90 percent complete in 1954, and 95-100 percent in 1958 and 1963.

¹⁰Not shown because of the inclusion of large number of small establishments for which man-hours data were not obtained.

¹¹Data from 1948 Census of Business; includes establishments formerly classified as "Dairy products distributors," "Dairy-poultry products distributors," and "Retail milk dealers." Plants with no paid employees are excluded.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958			
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted		
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages								
														(number)	(number)
INDUSTRY 2021.—CREAMERY BUTTER															
Total.....	766	178	11,992	52,870	8,607	19,471	36,959	132,665	854,599	988,777	9,930	17,295	147,207		
Northeast.....	25	6	273	1,333	208	487	953	3,998	32,386	36,498	207	548	5,079		
East North Central.	148	64	3,680	17,612	2,729	5,863	12,578	47,599	306,941	355,291	3,125	5,023	38,037		
Ohio.....	10	5	353	1,685	257	516	1,223	3,493	26,900	30,586	184	697	6,401		
Indiana.....	11	8	344	1,672	250	576	1,133	2,565	22,610	25,080	278	339	2,248		
Illinois.....	13	5	312	1,518	148	328	687	2,536	18,306	20,768	122	734	3,602		
Michigan.....	25	6	328	1,629	251	588	1,261	2,534	23,817	26,505	369	422	2,503		
Wisconsin.....	89	40	2,343	11,108	1,823	3,855	8,274	36,471	215,308	252,352	2,172	2,831	23,283		
West North Central.	503	84	6,543	26,707	4,658	10,967	18,765	66,379	426,528	493,093	5,880	9,404	84,967		
Minnesota.....	242	31	2,606	10,436	1,914	4,578	7,975	28,237	204,508	232,915	2,903	3,716	32,404		
Iowa.....	127	21	1,589	6,208	1,176	2,704	4,372	13,667	99,510	113,137	1,500	2,250	19,332		
Missouri.....	11	5	296	1,241	228	498	936	2,965	16,357	19,398	99	917	7,080		
North Dakota.....	61	8	699	2,980	470	1,097	2,012	7,288	32,090	39,380	541	870	9,294		
South Dakota.....	21	5	361	1,501	262	712	1,036	4,203	21,163	25,343	184	570	5,757		
Nebraska.....	30	10	655	2,998	399	942	1,673	8,700	39,528	48,130	489	733	8,214		
Kansas.....	11	4	337	1,343	209	436	761	1,319	13,372	14,790	164	348	2,886		
South.....	29	10	515	2,205	309	691	1,138	4,772	32,961	37,748	352	1,011	8,224		
Mountain.....	38	8	661	3,006	467	960	2,029	6,877	38,391	45,546	260	817	7,452		
Idaho.....	9	7	466	2,164	337	679	1,478	5,160	29,732	35,110	181	505	4,335		
Pacific.....	23	6	320	2,007	236	503	1,496	3,040	17,392	20,601	106	492	3,448		
California.....	8	5	206	1,432	166	348	1,139	2,217	13,068	15,405	68	165	1,423		
INDUSTRY 2022.—NATURAL AND PROCESS CHEESE															
Total.....	1,138	206	17,956	78,684	14,893	31,082	61,836	179,750	995,252	1,170,836	15,866	17,032	133,021		
Northeast.....	25	3	266	1,094	208	402	790	2,071	7,838	9,931	193	2,031	17,399		
Middle Atlantic....	82	30	2,177	9,388	1,788	3,648	7,235	21,319	101,676	123,262	1,461				
New York.....	52	19	1,199	5,540	983	2,062	4,214	11,439	45,699	57,511	983			1,103	9,207
New Jersey.....	8	3	142	565	120	243	464	1,610	7,607	9,060	119			(2)	(2)
Pennsylvania.....	22	8	836	3,283	685	1,343	2,557	8,270	48,370	56,691	359			(2)	(2)
East North Central.	774	97	9,412	40,453	7,880	16,628	32,468	101,080	496,967	593,585	10,224	(2)	(2)		
Ohio.....	34	7	826	3,806	709	1,497	3,163	8,913	25,262	33,732	304	(2)	(2)		
Indiana.....	11	7	400	1,962	318	757	1,505	3,581	14,335	17,770	306	(2)	(2)		
Illinois.....	57	15	941	4,913	729	1,614	3,450	9,415	50,385	59,113	556	(2)	(2)		
Michigan.....	22	5	245	1,120	190	435	828	1,583	12,572	14,425	157	(2)	(2)		
Wisconsin.....	650	63	7,000	28,652	5,934	12,325	23,522	77,588	394,413	468,545	8,901	6,563	55,055		
West North Central.	129	32	2,981	14,084	2,448	5,360	10,825	29,215	240,958	269,204	2,147	(2)	(2)		
Minnesota.....	19	8	787	4,535	657	1,580	3,600	9,908	88,167	96,801	524	(2)	(2)		
Missouri.....	33	14	1,400	6,559	1,132	2,348	4,882	13,535	116,651	130,557	821	1,334	7,552		
South.....	64	29	2,018	8,589	1,644	3,245	6,622	15,622	103,166	119,712	1,418	2,835	21,887		
Kentucky.....	16	10	523	2,148	417	848	1,577	6,336	25,025	31,045	502				
Tennessee.....	16	9	512	2,108	390	805	1,480	3,694	21,334	25,207	167				
Mississippi.....	7	3	268	816	214	395	591	1,297	4,806	6,150	53				
Mountain.....	28	10	635	2,698	553	1,083	2,145	4,949	29,332	34,469	125				
Idaho.....	19	7	444	2,058	394	775	1,658	3,469	25,298	28,980	89	(2)	(2)		
Pacific.....	36	5	467	2,378	372	716	1,751	5,494	15,315	20,673	298	(2)	(2)		
Oregon.....	12	-	115	522	94	174	418	1,015	5,055	5,999	65	(2)	(2)		
California.....	20	5	319	1,699	253	494	1,218	4,026	8,703	12,654	175	(2)	(2)		
INDUSTRY 2023.—CONDENSED AND EVAPORATED MILK															
Total.....	281	166	12,255	66,990	9,533	20,068	50,413	236,250	699,352	937,925	12,113	13,445	202,709		
Northeast.....	39	19	947	4,981	714	1,523	3,555	17,115	58,164	75,217	1,733	1,322	17,095		
East North Central.	108	71	5,462	30,262	4,161	8,685	22,426	118,660	270,561	389,910	4,982	6,275	98,736		
Ohio.....	12	11	942	5,047	746	1,607	3,753	18,516	44,141	63,350	1,273	(2)	(2)		
Indiana.....	8	3	216	1,159	181	386	898	2,511	10,998	13,417	122	382	4,697		
Illinois.....	24	15	876	4,985	623	1,287	3,550	20,809	44,736	65,402	511	(2)	(2)		
Michigan.....	19	12	1,123	6,451	836	1,699	4,624	26,727	47,687	75,631	484	(2)	(2)		
Wisconsin.....	45	30	2,305	12,620	1,775	3,706	9,601	50,097	122,999	172,110	2,592	2,599	40,507		

See footnotes at end of table.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2023.—CONDENSED AND EVAPORATED MILK—Continued													
West North Central.	57	32	2,865	15,153	2,292	4,945	11,651	38,306	191,972	231,313	3,408	2,391	24,698
Minnesota.....	34	20	1,510	7,875	1,181	2,596	5,871	18,782	101,298	119,836	1,837	1,503	13,122
Missouri.....	8	5	811	4,284	661	1,373	3,363	9,907	40,838	51,646	559	384	7,444
South Atlantic.....	16	8	594	3,057	469	980	2,297	11,259	41,929	52,543	351	695	14,494
East South Central.	17	11	1,037	5,302	831	1,779	4,226	25,797	57,044	83,435	463	1,173	25,499
Tennessee.....	7	5	475	2,453	384	852	1,943	9,346	23,970	33,532	285	472	9,522
West South Central.	10	7	296	1,489	205	403	1,004	3,759	11,066	14,847	233	290	3,993
Texas.....	5	4	179	882	132	250	639	1,579	6,669	8,242	167	(2)	(2)
Mountain.....	8	4	219	1,186	170	333	814	5,802	11,851	17,710	100	388	5,452
Pacific.....	26	14	835	5,560	691	1,420	4,440	15,552	56,765	72,950	843	911	12,742
California.....	15	10	596	4,024	504	1,060	3,322	10,000	42,833	53,283	732	688	8,704
INDUSTRY 2024.—ICE CREAM AND FROZEN DESSERTS													
Total.....	1,081	387	29,143	158,257	15,585	32,495	76,557	433,006	644,630	1,076,479	31,915	34,795	394,686
New England.....	99	26	2,145	11,372	1,299	2,685	5,794	41,928	62,676	104,739	3,980	2,581	36,381
Massachusetts.....	53	16	1,448	7,877	872	1,801	3,909	28,371	45,574	73,918	3,068	1,634	21,513
Rhode Island.....	14	3	203	958	113	237	462	2,766	3,400	6,131	248	(2)	(2)
Connecticut.....	17	4	231	1,371	140	270	743	4,662	6,786	11,580	491	379	6,080
Middle Atlantic....	207	80	7,429	45,654	4,181	8,639	23,821	126,589	154,598	281,499	8,919	9,050	118,707
New York.....	84	39	3,314	21,277	1,907	3,760	10,881	65,122	72,957	138,558	3,641	3,593	52,657
New Jersey.....	32	13	1,103	7,009	606	1,164	3,518	15,279	24,159	39,280	1,043	1,168	15,936
Pennsylvania.....	91	28	3,012	17,368	1,668	3,715	9,422	46,188	57,482	103,661	4,235	4,289	50,114
East North Central.	253	87	5,918	34,270	3,057	6,420	15,368	87,452	135,053	221,728	5,293	6,695	74,579
Ohio.....	70	18	1,270	6,900	677	1,441	3,171	16,810	26,979	43,603	1,111	1,733	20,186
Indiana.....	36	11	769	3,829	426	905	1,865	13,200	18,674	31,827	430	832	9,461
Illinois.....	57	29	2,146	13,699	1,026	2,095	5,592	30,913	46,296	76,851	1,921	2,224	23,287
Michigan.....	59	21	1,204	6,991	673	1,407	3,469	18,407	32,414	50,643	1,375	1,221	14,213
Wisconsin.....	31	8	529	2,851	255	572	1,271	8,122	10,690	18,804	456	685	7,432
West North Central.	110	32	2,263	11,888	1,105	2,278	5,204	27,613	51,376	79,047	2,725	3,119	28,225
Minnesota.....	25	8	568	3,417	277	605	1,454	6,641	13,803	20,491	459	(2)	(2)
Iowa.....	23	7	548	2,320	220	441	997	5,720	11,122	16,829	913	924	7,655
Missouri.....	28	10	608	3,549	292	579	1,416	8,727	13,648	22,377	477	814	7,558
Nebraska.....	9	2	240	1,263	163	347	770	3,494	7,910	11,459	549	356	3,697
Kansas.....	18	3	213	1,019	106	209	410	2,368	3,782	6,099	292	279	2,640
South.....	255	114	8,142	35,537	4,026	8,665	15,501	104,113	149,567	253,113	6,863	(2)	(2)
Maryland.....	16	10	787	3,442	379	788	1,553	11,831	16,164	27,832	614	779	8,592
District of Columbia.....	3	3	283	1,681	153	340	622	4,519	6,126	10,726	176	449	5,466
Virginia.....	13	8	798	3,278	294	630	1,221	8,838	14,633	23,505	377	743	7,236
South Carolina....	7	5	280	1,193	143	296	492	2,227	5,676	7,895	90	309	2,458
Georgia.....	14	5	316	1,161	149	271	403	1,978	3,496	5,450	161	400	3,144
Florida.....	21	7	1,000	4,597	494	1,131	2,011	18,125	27,598	45,622	655	1,224	14,900
Kentucky.....	12	4	348	1,510	145	309	631	2,782	4,342	7,085	270	262	2,467
Tennessee.....	33	19	1,087	4,683	587	1,274	2,215	11,985	18,174	30,104	1,461	966	9,755
Mississippi.....	11	5	219	962	81	185	307	2,351	2,653	5,000	289	281	1,757
Louisiana.....	17	5	459	2,079	202	473	864	4,397	5,299	9,657	371	646	6,075
Oklahoma.....	9	3	143	532	82	163	316	1,485	3,011	4,499	101	(2)	(2)
Texas.....	51	17	1,151	4,968	605	1,294	2,140	14,854	17,865	32,631	971	1,416	10,122
Mountain.....	52	15	785	3,515	461	888	1,942	8,654	18,457	27,091	850	(2)	(2)
Colorado.....	10	3	105	502	69	143	347	1,490	3,352	4,834	119	(2)	(2)
Utah.....	11	5	262	1,024	140	246	490	2,523	4,393	6,906	272	257	2,525
Pacific.....	105	33	2,461	16,021	1,456	2,920	8,927	36,657	72,903	109,262	3,285	(2)	(2)
Washington.....	13	4	207	1,443	127	255	761	4,336	7,712	12,022	586	189	3,126
California.....	78	25	2,007	13,093	1,214	2,433	7,559	29,430	60,197	89,317	2,396	2,337	25,634
INDUSTRY 2026.—FLUID MILK													
Total.....	4,619	1,948	185,050	1,032,879	68,577	147,142	358,770	2,203,196	4,821,672	7,025,892	126,147	212,238	1,998,490
New England.....	553	160	13,262	69,146	5,239	10,930	24,157	172,751	389,590	562,281	9,161	15,942	127,517
Vermont.....	57	15	1,028	4,932	633	1,337	2,703	11,062	52,423	63,574	698	784	7,214
Massachusetts....	225	66	5,743	27,858	2,243	4,649	10,280	81,282	161,613	242,795	3,279	7,723	56,133
Rhode Island.....	43	19	1,151	6,069	390	830	1,879	14,571	24,180	38,766	1,311	1,404	10,230
Connecticut.....	109	31	3,226	20,401	1,101	2,222	5,730	44,611	109,261	153,824	2,732	4,158	39,765

See footnotes at end of table.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2026.—FLUID MILK—Continued													
Middle Atlantic....	1,127	426	36,845	210,309	14,956	31,450	80,861	418,198	972,384	1,391,720	23,914	43,366	411,317
New York.....	507	163	14,529	82,042	6,528	13,844	36,559	165,718	498,088	664,480	11,052	17,919	182,231
New Jersey.....	147	63	5,247	33,903	2,308	4,929	13,499	66,052	145,404	211,502	3,183	6,225	67,178
Pennsylvania.....	473	200	17,069	94,364	6,120	12,677	30,803	186,428	328,892	515,738	9,679	19,222	161,908
East North Central.	942	435	39,760	229,123	14,567	31,229	82,051	483,727	1,023,784	1,507,570	27,677	49,017	471,269
Ohio.....	251	133	15,188	83,923	4,720	10,287	26,544	167,653	327,094	494,404	9,785	16,213	148,400
Indiana.....	99	62	5,081	28,084	1,775	4,013	8,839	60,497	109,105	169,479	3,253	7,014	61,898
Illinois.....	159	94	7,286	48,817	3,127	6,554	20,652	115,696	219,662	335,542	5,427	9,554	101,928
Michigan.....	221	85	6,709	36,980	2,670	5,689	14,253	83,552	190,345	273,818	6,099	9,430	100,016
Wisconsin.....	212	61	5,496	31,319	2,275	4,686	11,763	56,329	177,578	234,327	3,113	6,806	59,027
West North Central.	553	165	15,823	87,938	6,096	13,216	30,510	186,743	426,030	612,646	13,116	18,812	178,591
Minnesota.....	200	36	3,630	20,576	1,570	3,220	8,250	46,535	121,904	168,461	3,567	4,662	43,510
Iowa.....	133	31	2,918	16,458	1,028	2,528	5,315	37,505	76,330	113,838	1,942	3,322	40,386
Missouri.....	58	32	3,882	23,790	1,369	2,873	7,464	44,798	90,697	135,424	2,667	5,228	45,889
North Dakota.....	18	4	240	1,172	121	263	492	2,535	5,477	8,011	184	(2)	(2)
South Dakota.....	34	11	818	3,853	343	764	1,532	9,835	27,631	37,468	458	(2)	(2)
Nebraska.....	34	20	1,779	9,094	545	1,188	2,555	18,132	34,397	52,595	1,029	1,898	15,784
Kansas.....	76	31	2,556	12,995	1,120	2,380	4,902	27,403	69,594	96,849	3,269	2,860	25,254
South Atlantic.....	355	220	24,260	119,260	7,895	18,026	35,341	270,591	514,634	785,013	14,579	26,041	218,720
Maryland.....	42	27	3,266	18,425	946	1,946	4,785	41,200	74,203	115,366	2,627	3,447	30,091
District of Columbia.....	3	3	1,519	10,860	305	667	2,233	18,122	29,101	47,201	1,103	1,972	17,557
Virginia.....	53	41	3,291	15,618	1,207	2,792	5,154	32,183	73,106	105,332	1,997	3,623	26,829
West Virginia.....	38	23	1,682	8,468	606	1,304	2,673	16,666	30,933	47,527	708	(2)	(2)
North Carolina.....	47	33	4,464	18,634	1,516	3,628	5,952	53,396	95,020	148,349	2,659	4,393	39,818
Florida.....	61	41	4,521	22,342	1,289	3,006	6,049	56,105	106,761	162,810	2,597	4,716	38,447
East South Central.	204	125	10,234	49,343	3,478	7,454	14,740	106,402	211,630	317,915	7,628	11,051	84,284
Kentucky.....	61	39	2,502	12,326	905	1,900	4,033	26,311	52,134	78,385	1,208	3,205	22,921
Tennessee.....	59	37	2,858	14,318	1,049	2,297	4,453	31,862	69,321	101,148	2,040	3,568	25,597
Alabama.....	43	25	3,377	16,213	951	2,058	3,954	32,615	56,818	89,417	3,197	2,890	24,814
Mississippi.....	41	24	1,497	6,486	573	1,199	2,300	15,614	33,357	48,965	1,183	1,388	10,952
West South Central.	217	135	14,436	72,529	4,770	11,120	20,274	179,152	344,603	523,897	7,338	16,104	152,700
Arkansas.....	28	13	895	4,339	325	737	1,412	11,552	21,552	33,112	720	1,037	10,032
Louisiana.....	59	33	2,354	11,812	851	1,928	3,669	30,423	63,024	93,524	1,477	2,422	20,674
Oklahoma.....	30	20	2,554	13,360	873	2,073	3,900	29,181	56,371	85,658	1,619	2,835	27,436
Texas.....	100	69	8,633	43,018	2,721	6,382	11,293	107,996	203,656	311,603	3,522	9,810	94,558
Mountain.....	219	89	8,063	43,023	2,995	6,260	14,929	89,502	201,734	291,054	5,920	7,594	72,628
Montana.....	38	11	793	4,112	341	726	1,558	8,964	19,878	28,871	705	536	5,889
Idaho.....	20	7	557	2,644	242	514	1,073	6,268	15,724	21,982	230	575	5,529
Wyoming.....	14	8	258	1,458	111	240	562	3,679	7,652	11,294	238	(2)	(2)
Colorado.....	66	27	2,239	12,614	764	1,616	4,054	26,921	54,946	81,752	1,191	2,660	23,530
New Mexico.....	18	7	666	3,392	258	629	1,177	8,471	15,594	24,056	1,333	800	5,645
Arizona.....	23	14	1,623	8,406	645	1,293	3,361	14,911	37,953	52,845	861	1,123	15,418
Utah.....	31	9	1,474	7,454	482	939	2,171	16,609	36,811	53,408	1,043	1,373	11,567
Nevada.....	9	6	453	2,943	152	303	973	3,679	13,176	16,846	319	(2)	(2)
Pacific.....	449	193	22,367	152,208	8,581	17,457	55,907	296,130	737,283	1,033,796	16,814	24,311	281,464
Washington.....	65	35	3,432	23,291	1,454	2,924	9,890	44,747	96,538	141,403	2,557	4,194	41,592
Oregon.....	56	25	2,190	13,653	785	1,543	4,619	26,229	65,885	92,167	3,079	2,434	28,377
California.....	310	129	15,996	110,811	6,132	12,543	40,163	216,634	556,387	773,335	10,691	16,913	203,810

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2021, Creamery Butter: New England—Maine, 1 (1-19); Massachusetts, 1 (1-19); Rhode Island, 1 (1-19); Middle Atlantic—New York, 8 (20-99); New Jersey, 2 (1-19); Pennsylvania, 12 (169); South Atlantic—Maryland, 1 (20-99); Virginia, 2 (20-99); North Carolina, 1 (1-19); Georgia, 1 (1-19); East South Central—Kentucky, 4 (131); Tennessee, 3 (20-99); Alabama, 1 (1-19); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 3 (20-99); Oklahoma, 6 (20-99); Texas, 4 (20-99); Mountain—Montana, 12 (20-99); Wyoming, 2 (1-19); Colorado, 9 (20-99); Arizona, 1 (1-19); Utah, 5 (20-99); Pacific—Washington, 7 (20-99); Oregon, 8 (20-99). SIC 2022, Natural and Process Cheese: New England—Maine, 1 (1-19); New Hampshire, 1 (1-19); Vermont, 10 (100-249); Massachusetts, 6 (20-99); Connecticut, 7 (20-99); West North Central—Iowa, 46 (410); North Dakota, 10 (20-99); South Dakota, 8 (131); Nebraska, 4 (20-99); Kansas, 9 (20-99); South Atlantic—Delaware, 1 (1-19); Virginia, 2 (20-99); North Carolina, 1 (20-99); Georgia, 3 (250-499); Florida, 3 (1-19); East South Central—Alabama, 3 (20-99); West South Central—Arkansas, 8 (183); Oklahoma, 2 (20-99); Texas, 2 (1-19); Mountain—Montana, 3 (20-99); Wyoming, 1 (20-99); Colorado, 1 (1-19); Utah, 4 (20-99); Pacific—Washington, 4 (20-99). SIC 2023, Condensed and Evaporated Milk: New England—Vermont, 1 (1-19); Massachusetts, 1 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New York, 11 (500-999); New Jersey, 2 (1-19); Pennsylvania, 12 (346); West North Central—Iowa, 12 (408); North Dakota, 1 (1-19); South Dakota, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Maryland, 3 (100-249); Virginia, 4 (215); West Virginia, 1 (20-99); North Carolina, 1 (20-99); South Carolina, 2 (20-99); Georgia, 2 (1-19); Florida, 3 (20-99); East South Central—Kentucky, 5 (411); Alabama, 2 (20-99); Mississippi, 3 (100-249); West South Central—Arkansas, 1 (20-99); Oklahoma, 4 (20-99); Texas, 5 (100-249); Mountain—Idaho, 2 (20-99); Colorado, 2 (20-99); Arizona, 1 (1-19); Utah, 3 (20-99); Pacific—Washington, 6 (100-249); Oregon, 5 (20-99). SIC 2024, Ice Cream and Frozen Desserts: New England—Maine, 8 (100-249); New Hampshire, 6 (20-99); Vermont, 1 (1-19); West North Central—North Dakota, 2 (20-99); South Dakota, 5 (20-99); South Atlantic—Delaware, 2 (100-249); West Virginia, 5 (100-249); North Carolina, 15 (320); East South Central—Alabama, 16 (500); West South Central—Arkansas, 10 (100-249); Mountain—Montana, 8 (20-99); Idaho, 8 (100-249); Wyoming, 2 (1-19); New Mexico, 2 (20-99); Arizona, 9 (100-249); Nevada, 2 (1-19); Pacific—Oregon, 9 (110); Hawaii, 5 (137). SIC 2026, Fluid Milk: New England—Maine, 64 (1,153); New Hampshire, 55 (961); South Atlantic—Delaware, 18 (417); South Carolina, 31 (1,577); Georgia, 62 (3,523); Pacific—Alaska, 7 (133); Hawaii, 11 (616).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 2B. Delivery Operations, by Industry and Geographic Areas: 1963

Region and state	Establishments		All employees		Delivery employees		Cost of contract delivery service ³	Number of delivery routes ⁴			
	Total industry	Reporting panel	Total industry	Reporting panel	Number ¹	Payroll ²		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
	(number)	(number)	(number)	(number)		(\$1,000)	(\$1,000)				
	INDUSTRY 2024.—ICE CREAM AND FROZEN DESSERTS										
United States, total.....	1,081	540	29,143	25,205	5,995	39,919	2,655	653	104	3,033	266
New England.....	99	39	2,145	1,689	360	2,231	(⁵)	8	8	159	13
Massachusetts.....	53	20	1,448	1,152	264	1,635	(⁵)	7	3	96	-
Connecticut.....	17	7	231	169	34	204	-	-	-	24	10
Middle Atlantic.....	207	103	7,429	6,693	1,445	9,943	868	92	26	633	56
New York.....	84	47	3,314	2,953	583	4,449	714	20	8	256	44
New Jersey.....	32	17	1,103	1,045	237	1,741	106	30	-	66	11
Pennsylvania.....	91	39	3,012	2,695	625	3,753	(⁵)	42	18	311	1
East North Central.....	253	128	5,918	5,159	1,290	9,589	723	217	39	705	105
Ohio.....	70	31	1,270	1,040	239	1,582	146	24	5	134	4
Indiana.....	36	21	769	701	151	994	133	-	-	114	17
Illinois.....	57	36	2,146	1,943	545	4,373	380	42	33	263	66
Michigan.....	59	25	1,204	1,010	223	1,687	(⁵)	133	1	99	11
Wisconsin.....	31	15	529	465	132	953	(⁵)	18	-	95	7
West North Central.....	110	54	2,263	1,982	549	3,653	274	64	7	323	12
Iowa.....	23	10	548	487	109	709	(⁵)	15	-	26	-
Missouri.....	28	12	608	504	158	1,097	122	3	-	117	10
Kansas.....	18	7	213	177	58	331	(⁵)	-	-	39	-
South and West.....	412	216	11,388	9,682	2,351	14,503	702	272	24	1,213	80
Maryland.....	16	10	787	747	146	769	165	6	-	53	-
Virginia.....	13	12	798	796	147	897	-	5	4	75	10
Georgia.....	14	6	316	243	69	272	-	-	-	57	-
Florida.....	21	11	1,000	767	196	1,355	(⁵)	5	1	61	9
Kentucky.....	12	7	348	324	92	479	-	26	2	45	-
Tennessee.....	33	21	1,087	968	245	1,228	(⁵)	57	-	152	5
Mississippi.....	11	7	219	197	67	285	-	2	-	50	-
Louisiana.....	17	12	459	411	125	583	(⁵)	24	11	55	1
Texas.....	51	28	1,151	952	243	1,324	(⁵)	45	4	137	6
Washington.....	13	5	207	134	45	360	-	4	-	24	-
California.....	78	27	2,007	1,682	373	3,623	(⁵)	68	1	160	22
	INDUSTRY 2026.—FLUID MILK										
United States, total.....	4,619	2,164	185,050	149,731	69,104	433,824	22,012	32,562	3,871	18,051	2,224
New England.....	553	225	13,262	10,172	5,201	28,933	583	2,508	288	949	66
Vermont.....	57	20	1,028	587	197	995	290	92	28	49	2
Massachusetts.....	225	93	5,743	4,598	2,496	12,747	173	1,058	144	480	28
Rhode Island.....	43	25	1,151	1,040	552	3,461	109	314	9	97	-
Connecticut.....	109	49	3,226	2,624	1,325	8,396	(⁵)	683	93	199	27
Middle Atlantic.....	1,127	480	36,845	27,310	12,551	79,902	5,381	6,716	843	2,816	273
New York.....	507	200	14,529	10,027	4,089	25,952	1,914	1,818	286	1,499	171
New Jersey.....	147	57	5,247	4,023	1,756	11,887	1,816	1,011	305	230	41
Pennsylvania.....	473	223	17,069	13,260	6,706	42,063	1,651	3,887	252	1,087	61
East North Central.....	942	493	39,760	32,314	13,823	95,354	6,311	7,483	1,125	3,486	618
Ohio.....	251	162	15,188	13,510	5,384	37,146	1,900	2,883	264	1,203	142
Indiana.....	99	60	5,081	4,504	2,128	13,362	1,699	1,137	121	518	68
Illinois.....	159	88	7,286	4,829	2,394	17,677	1,190	1,293	150	529	172
Michigan.....	221	110	6,709	5,370	1,930	13,210	1,136	753	397	890	145
Wisconsin.....	212	73	5,496	4,101	1,987	13,959	386	1,417	193	346	91
West North Central.....	553	214	15,823	13,165	6,005	39,471	3,118	2,792	320	1,792	159
Minnesota.....	200	47	3,630	2,469	1,148	8,291	633	686	117	282	7
Iowa.....	133	49	2,918	2,323	1,166	7,565	617	570	60	316	25
Missouri.....	58	33	3,882	3,512	1,665	11,409	710	657	48	496	70
Nebraska.....	34	24	1,779	1,719	786	4,867	(⁵)	412	38	199	20
Kansas.....	34	35	2,556	2,215	877	5,225	720	281	40	361	34
South Atlantic.....	355	203	24,260	20,565	10,253	58,427	1,229	4,403	160	2,469	281
Maryland.....	42	21	3,266	2,837	1,583	10,045	181	885	12	211	1
Virginia.....	53	33	3,291	2,705	1,112	6,632	210	456	13	249	11
North Carolina.....	47	34	4,464	3,800	1,935	9,285	(⁵)	802	44	582	98
Florida.....	61	36	4,521	3,714	1,695	10,011	317	812	25	452	48
East South Central.....	204	130	10,234	9,322	4,685	25,916	669	1,915	61	1,620	202
Kentucky.....	61	40	2,502	2,326	996	5,902	321	380	28	350	93
Tennessee.....	59	40	2,858	2,617	1,396	7,895	144	562	9	493	24
Alabama.....	43	25	3,377	3,035	1,683	9,155	89	755	7	504	48
Mississippi.....	41	25	1,497	1,344	610	2,964	115	218	17	273	37

See footnotes at end of table.

TABLE 2B. Delivery Operations, by Industry and Geographic Areas: 1963—Continued

Region and state	Establishments		All employees		Delivery employees		Cost of contract delivery service ³	Number of delivery routes ⁴			
	Total industry	Reporting panel	Total industry	Reporting panel	Number ¹	Payroll ²		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
(number)	(number)	(number)			(\$1,000)	(\$1,000)					
	INDUSTRY 2026.—FLUID MILK—Continued										
West South Central.....	217	126	14,436	12,254	5,633	32,501	1,632	2,239	435	2,047	334
Arkansas.....	28	14	895	795	412	2,405	(⁵)	117	33	205	45
Louisiana.....	59	25	2,354	1,723	819	4,921	109	433	76	359	66
Oklahoma.....	30	21	2,554	2,479	1,213	6,866	626	585	25	403	57
Texas.....	100	66	8,633	7,257	3,189	18,309	806	1,104	301	1,080	166
Mountain.....	219	106	8,063	6,573	2,826	16,987	1,597	1,273	93	783	133
Montana.....	38	16	793	552	199	1,193	248	94	12	100	10
Idaho.....	20	13	557	522	177	1,007	(⁵)	59	21	82	11
Colorado.....	66	32	2,239	1,910	959	5,339	895	491	9	188	33
New Mexico.....	18	11	666	630	279	1,637	193	113	18	86	12
Arizona.....	23	8	1,623	968	393	2,420	(⁵)	208	15	99	30
Utah.....	31	15	1,474	1,407	532	3,507	100	201	11	132	29
Pacific.....	449	187	22,367	18,056	8,127	56,333	1,492	3,233	546	2,089	158
Washington.....	65	37	3,432	2,980	1,200	8,707	166	554	153	313	23
Oregon.....	56	27	2,190	1,667	802	5,321	(⁵)	316	12	260	15
California.....	310	116	15,996	12,715	5,789	40,429	1,141	2,257	368	1,427	118

- Represents zero.

¹Employees engaged in delivering products from the central dairy plant to retail and wholesale distributors, to a company's own stores, or to households. The figure includes route salesmen, highway truck drivers, helpers, sales delivery supervisors, truck maintenance employees, and others directly concerned with delivery of the plant's products.

²Includes wages, salaries, bonuses, commissions, and other remuneration to delivery personnel before deductions.

³Total payments to outside or affiliated companies for truck rentals, including wages to drivers furnished, and any other contract costs related to delivery of products of the plant.

⁴All routes operated from the plant, whether serviced by driver-salesman of the plant or by independent vendors, subdealers or peddlers. Wholesale routes are those chiefly servicing retail stores (grocery, dairy products, bakery products, confectionery, etc.), including those operated by the company; hotels and restaurants; institutions such as hospitals, schools, etc. Retail routes are those chiefly servicing households. Mixed wholesale and retail routes were classified either wholesale or retail depending on the relative importance of wholesale and retail sales. Split routes, by which a truck and salesman serviced different areas on alternate days, were classified as single routes.

⁵Less than \$100 thousand.

TABLE 3. Detailed Statistics: 1963

Item	Creamery butter (SIC 2021)	Natural and process cheese (SIC 2022)	Condensed and evaporated milk (SIC 2023)	Ice cream and frozen desserts (SIC 2024)	Fluid milk (SIC 2026)
Primary product specialization ratio ¹.....	.69	.93	.80	.93	.90
Coverage ratio ².....	.77	.96	.66	.74	.95
Establishments, total.....number..	766	1,138	281	1,081	4,619
With 1 to 19 employees.....do....	588	932	115	694	2,671
With 20 to 99 employees.....do....	166	178	135	320	1,448
With 100 employees or more.....do....	12	28	31	67	500
Proprietors and working partners.....do....	246	636	37	522	2,587
All employees (average for the year).....do....	11,992	17,956	12,255	29,143	185,050
Payroll (all employees), total for year.....\$1,000..	52,870	78,684	66,990	158,257	1,032,879
Production workers:					
Average for the year.....number..	8,607	14,893	9,533	15,585	68,577
March.....do....	8,410	14,222	9,443	14,338	67,815
May.....do....	8,848	15,345	9,840	16,832	68,956
August.....do....	8,934	15,465	9,788	17,455	70,105
November.....do....	8,236	14,542	9,061	13,715	67,472
Man-hours.....1,000..	19,471	31,082	20,068	32,495	147,142
January-March.....do....	4,712	7,517	4,897	7,149	36,340
April-June.....do....	5,120	8,008	5,206	8,774	37,067
July-September.....do....	4,986	8,005	5,206	9,423	37,509
October-December.....do....	4,653	7,552	4,759	7,149	36,226
Wages.....\$1,000..	36,959	61,836	50,413	76,557	358,770
Cost of materials, etc., total.....do....	854,599	995,252	699,352	644,630	4,821,672
Materials, parts, containers, and supplies consumed.....do....	784,041	932,358	657,419	538,897	4,232,137
Cost of resales.....do....	55,277	49,390	23,378	92,652	514,446
Fuels consumed.....do....	9,089	6,449	10,321	2,884	27,809
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	243	279	251	633	2,238
Cost.....\$1,000..	4,436	4,521	4,008	9,709	35,736
Generated less sold.....million kw.-hrs..	17	(D)	47	2	17
Contract work.....\$1,000..	1,756	2,534	4,226	488	11,544
Value of shipments (including resales), total.....do....	988,777	1,170,836	937,925	1,076,479	7,025,892
Value of resales.....do....	59,410	55,891	25,732	111,390	595,133
Value added by manufacture, adjusted.....do....	132,665	179,750	236,250	433,006	2,203,196
Manufacturers' inventories:					
Beginning of year, total.....do....	29,899	98,922	50,133	59,314	148,185
Finished products.....do....	21,499	59,339	33,649	23,651	58,600
Work-in-process.....do....	982	4,138	1,705	842	4,316
Materials, supplies, fuel, etc.....do....	7,418	35,445	14,779	34,821	85,269
End of year, total.....do....	28,188	106,274	46,760	60,715	146,773
Finished products.....do....	20,073	62,990	31,528	24,771	57,648
Work-in-process.....do....	895	4,653	1,503	879	4,244
Materials, supplies, fuel, etc.....do....	7,220	38,631	13,729	35,065	84,881
Expenditures for plant and equipment, total.....do....	10,831	16,600	12,925	33,463	134,464
New, total.....do....	9,930	15,866	12,113	31,915	126,147
New structures and additions to plant.....do....	2,261	5,103	3,406	8,059	32,591
New machinery and equipment.....do....	7,669	10,763	8,707	23,856	93,556
Used plant and equipment.....do....	901	734	812	1,548	8,317
Selected operating ratios:					
Payroll/Total employment.....	4,407	4,382	5,466	5,430	5,579
Production workers/Total employment.....	.72	.83	.78	.53	.37
Man-hours/Production workers.....	2,251	2,087	2,105	2,085	2,254
Production worker wages/Man-hours.....	1.90	1.99	2.51	2.36	2.32
Cost of materials and payrolls/Total value of shipments....	.92	.91	.80	.75	.83
Cost of materials/Total value of shipments.....	.86	.85	.73	.60	.68
Adjusted value added/Total employment.....	11,052	10,286	20,738	14,648	11,989
Salaries and wages/Adjusted value added.....	.40	.43	.26	.37	.47

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2021.—CREAMERY BUTTER											
Establishments.....number..	766	245	209	134	127	39	12	-	-	-	-
All employees:											
Total.....do....	11,992	559	1,389	1,825	3,899	2,691	1,629	-	-	-	-
Payroll.....\$1,000..	52,870	2,126	5,221	7,320	18,522	11,716	7,965	-	-	-	-
Value added, adjusted.....do....	132,665	10,790	14,601	18,261	42,765	28,098	18,150	-	-	-	-
Value of shipments.....do....	988,777	44,705	113,870	138,668	370,155	204,769	116,610	-	-	-	-
Capital expenditures, new...do....	9,930	1,241	1,240	1,400	3,646	1,563	840	-	-	-	-
INDUSTRY 2022.—NATURAL AND PROCESS CHEESE											
Establishments.....number..	1,138	537	201	194	135	43	21	6	1	-	-
All employees:											
Total.....do....	17,956	1,125	1,347	2,678	4,213	2,863	3,132	<u>2,598</u>	(D)	-	-
Payroll.....\$1,000..	78,684	4,058	4,595	10,572	18,136	12,834	14,549	<u>13,940</u>	(D)	-	-
Value added, adjusted.....do....	179,750	10,843	14,653	21,947	37,889	30,333	33,637	<u>30,448</u>	(D)	-	-
Value of shipments.....do....	1,170,836	90,988	79,853	129,447	210,606	154,203	208,758	<u>296,981</u>	(D)	-	-
Capital expenditures, new...do....	15,866	1,904	1,359	1,779	2,723	2,434	3,451	<u>2,216</u>	(D)	-	-
INDUSTRY 2023.—CONDENSED AND EVAPORATED MILK											
Establishments.....number..	281	35	32	48	79	56	29	2	-	-	-
All employees:											
Total.....do....	12,255	70	227	673	2,440	3,856	<u>4,989</u>	(D)	-	-	-
Payroll.....\$1,000..	66,990	378	1,085	3,513	13,354	21,555	<u>27,105</u>	(D)	-	-	-
Value added, adjusted.....do....	236,250	1,098	2,952	8,628	42,729	78,074	<u>102,769</u>	(D)	-	-	-
Value of shipments.....do....	937,925	4,206	10,496	44,695	188,527	319,970	<u>370,031</u>	(D)	-	-	-
Capital expenditures, new...do....	12,113	¹ 579	171	1,217	2,970	2,461	<u>4,715</u>	(D)	-	-	-
INDUSTRY 2024.—ICE CREAM AND FROZEN DESSERTS											
Establishments.....number..	1,081	321	172	201	212	109	59	7	-	-	-
All employees:											
Total.....do....	29,143	615	1,198	2,726	6,551	7,436	8,476	2,141	-	-	-
Payroll.....\$1,000..	158,257	2,202	5,001	11,967	33,529	41,450	48,488	15,620	-	-	-
Value added, adjusted.....do....	433,006	6,288	11,312	30,179	102,687	115,316	130,562	36,662	-	-	-
Value of shipments.....do....	1,076,479	15,688	29,623	77,983	258,907	293,402	319,127	81,749	-	-	-
Capital expenditures, new...do....	31,915	² 2,916	1,125	2,419	6,847	8,850	6,579	3,179	-	-	-
INDUSTRY 2026.—FLUID MILK											
Establishments.....number..	4,619	1,112	752	806	936	512	402	81	17	1	-
All employees:											
Total.....do....	185,050	2,586	5,168	11,252	29,611	35,764	61,510	26,478	<u>12,681</u>	(D)	-
Payroll.....\$1,000..	1,032,879	10,780	20,660	51,229	149,421	200,669	363,559	159,760	<u>76,801</u>	(D)	-
Value added, adjusted.....do....	2,203,196	28,074	49,186	105,854	318,394	439,367	769,672	340,475	<u>152,174</u>	(D)	-
Value of shipments.....do....	7,025,892	106,755	186,953	387,467	1,104,245	1,432,371	2,383,861	974,264	<u>449,976</u>	(D)	-
Capital expenditures, new...do....	126,147	³ 8,502	4,594	10,230	21,505	19,447	40,573	15,007	<u>6,289</u>	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes less than \$1 million for plants under construction but not in operation.²Includes \$2-\$5 million for plants under construction but not in operation.³Includes \$5-\$10 million for plants under construction but not in operation.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B-C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2021	Creamery butter.....1963..	988,777	630,560	283,471	74,746	69	820,445	630,560	189,885	77
	.....1958..	1,023,460	639,612	271,680	112,168	70	802,316	639,612	162,704	80
2022	Natural and process cheese.....1963..	1,170,836	1,028,023	81,618	61,195	93	1,069,975	1,028,023	41,952	96
	.....1958..	873,614	728,201	77,418	67,995	90	761,882	728,201	33,681	96
2023	Condensed and evaporated milk.....1963..	937,925	728,900	181,649	27,376	80	1,104,479	728,900	375,579	66
	.....1958..	820,649	674,343	128,859	17,447	84	977,939	674,343	303,596	69
2024	Ice cream and frozen desserts.....1963..	1,076,479	892,396	71,078	113,005	93	1,210,027	892,396	317,631	74
	.....1958..	951,499	809,469	48,907	93,123	94	1,137,704	809,469	328,235	71
2026	Fluid milk.....1963..	7,025,892	5,717,087	662,897	645,908	90	6,016,599	5,717,087	299,512	95
	.....1958..	6,412,333	5,296,175	616,660	499,498	90	5,577,006	5,296,175	280,831	95

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Creamery butter (SIC 2021)	Natural and process cheese (SIC 2022)	Condensed and evaporated milk (SIC 2023)	Ice cream and frozen desserts (SIC 2024)	Fluid milk (SIC 2026)	Other industries
DAIRY INDUSTRY								
	Total shipments and miscellaneous receipts.....	(X)	988,777	1,170,836	937,925	1,076,479	7,025,892	(X)
	Dairy products.....	(X)	905,669	1,104,564	897,681	958,336	6,317,104	(X)
20210	Creamery butter.....	820,445	630,560	13,606	68,641	1,045	98,968	7,625
20221	Natural cheese, except cottage cheese.....	681,458	9,195	651,694	1,457	737	16,178	2,197
20222	Process cheese and related products.....	388,517	(under 2)	376,329	(under 2)	(X)	(under 2)	98,968
20231	Dry milk products.....	504,424	140,399	9,579	277,616	99	68,886	7,845
20232	Canned milk (shipped in consumer type package).....	363,045	(under 2)	(X)	354,787	(under 2)	(over 2)	(X)
20233	Evaporated milk, shipped in bulk.....	75,294	6,974	(under 2)	32,483	(over 2)	31,140	(under 2)
20234	Ice cream mix and ice milk mix.....	157,776	(over 2)	(under 2)	60,200	13,922	78,589	(under 2)
20230	Condensed and evaporated milk, n.s.k.....	3,940	(X)	(under 2)	3,814	(under 2)	(under 2)	(under 2)
20240	Ice cream and ices.....	1,210,027	7,619	522	7,013	892,396	298,245	4,232
20261	Bulk fluid milk and cream.....	950,464	81,543	45,648	78,800	1,840	742,079	554
20262	Bottled milk and cream.....	4,285,066	18,854	3,598	7,837	40,102	4,210,862	3,813
20263	Cottage cheese (include bakers' cheese, pot cheese, and farmers' cheese).....	189,149	2,648	(under 2)	3,422	2,300	177,832	(under 2)
20264	Buttermilk, chocolate drink and other flavored milk drinks.....	252,720	962	130	(under 2)	1,852	248,280	(under 2)
20260	Fluid milk, n.s.k.....	339,200	(under 2)	(under 2)	(under 2)	52	338,034	(under 2)
	Secondary products (nondairy).....	(X)	8,362	5,077	12,868	5,138	62,880	(X)
20153	Turkeys.....	(X)	(over 2)	(X)	(X)	(X)	(X)	(X)
20156	Liquid, dried and frozen eggs.....	(X)	(2-5)	(X)	(X)	(X)	(under 2)	(X)
20334	Canned fruit juices.....	(X)	(under 2)	(X)	223	(under 2)	16,306	(X)
20511	Bread and bread-type rolls.....	(X)	(X)	(X)	(X)	(under 2)	(over 2)	(X)
20728	Other chocolate and cocoa products made from cocoa beans or nibs (ground in this establishment).....	(X)	(X)	(X)	(over 2)	(X)	(X)	(X)
20860	Bottled and canned soft drinks.....	(X)	(under 2)	(X)	(under 2)	(under 2)	31,516	(X)
20999	Other food preparations, n.e.c.....	(X)	(under 2)	(over 2)	(2-5)	(under 2)	3,810	(X)
34110	Metal cans.....	(X)	(X)	(X)	(over 2)	(X)	(X)	(X)
	Other secondary products (nondairy).....	(X)	(2-5)	(under 2)	3,715	2,086	3,610	(X)
	Miscellaneous receipts.....	(X)	74,746	61,195	27,376	113,005	645,908	(X)
93000	Commission receipts.....	(X)	2,190	3,344	1,222	208	6,832	(X)
99989	Resales.....	(X)	59,410	55,891	25,732	111,390	595,133	(X)
95120	Shell egg sales.....	(X)	10,932	(under 2)	(under 2)	339	36,814	(X)
99980	Other miscellaneous receipts.....	(X)	2,214	(under 2)	(under 2)	1,068	7,129	(X)
Listing of the other industries with over \$2 million shipments of the primary product classes:								
20210	2015 Poultry dressing plants.....	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
20222	2013 Meat processing plants.....	(X)	(X)	(X)	(X)	(X)	(X)	(over 2)
20231	2015 Poultry dressing plants.....	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
20231	2099 Food preparations, n.e.c.....	(X)	(X)	(X)	(X)	(X)	(X)	(2-5)
20240	2071 Confectionery products.....	(X)	(X)	(X)	(X)	(X)	(X)	2,748

Standard notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2021- --	BUTTER AND RELATED PRODUCTS, TOTAL ¹	1,000 lbs.....	1,396,570	820,445	1,358,597	802,316
20210 13	Shipped in bulk (containers over 3 pounds).....	..do.....	962,607	554,786	694,706	399,849
20210 15	Shipped in consumer packages (containers 3 pounds or less).....	..do.....	312,315	191,593	323,585	201,686
20210 21	Anhydrous butterfat.....	..do.....	13,143	10,282	(²)	(²)
20210 00	Butter and related products, n.s.k.....	..do.....	³ 4108,505	³ 63,784	³ 4340,306	³ 200,781
2022- --	CHEESE, NATURAL AND PROCESS, TOTAL ⁵.....	.....	(X)	1,069,975	(X)	761,882
20221 01	Natural cheese (cheddar, brick, cream, swiss).....	1,000 lbs.....	1,781,310	681,458	1,428,708	515,839
20222 --	Process cheese and related products.....	.....	(X)	388,517	(X)	246,043
20222 11	Process cheese.....	1,000 lbs.....	611,747	241,207	340,424	128,983
20222 13	Cheese food.....	..do.....	120,146	38,020	125,767	41,432
20222 15	Cheese spread.....	..do.....	103,803	37,249	105,228	38,373
20222 19	Other related cheese products.....	..do.....	17,004	7,985	27,060	10,317
20222 00	Process cheese and related products, n.s.k.....	.....	(X)	64,056	(X)	26,938
2023- --	CONDENSED AND EVAPORATED MILK, TOTAL.....	.....	(X)	1,104,479	(X)	977,939
20231 --	Dry milk products and mixtures (including dry whole milk, dry skim milk, dry buttermilk and dry whey).....	1,000 lbs.....	⁶ 3,212,265	⁶ 504,424	(X)	421,145
	Shipped in consumer type packages (containers 3 pounds or less):					
20231 31	Nonfat dry milk.....	..do.....	574,461	84,088	⁷ 615,427	⁷ 103,864
20231 11	Malted milk products.....	..do.....	26,160	10,501	37,031	12,780
20231 21	Infants' dietary supplements, dry milk base.....	..do.....	18,741	13,124	} (X)	⁶ 57,583
20231 23	Powdered cream and cream substitutes.....	..do.....	13,174	7,062		
20231 28	Other dry milk products (instant chocolate milk, weight control products, whole milk products, etc.).....	..do.....	129,375	44,013		
	Shipped in bulk (containers larger than 3 pounds):					
	Food grade (bakeries, confectioners, meat packers, etc.):					
20231 42	Dry whole milk.....	..do.....	211,501	46,987	} ⁷ 1,418,607	⁷ 210,924
20231 43	Dry skim milk, dry buttermilk, and dry whey.....	..do.....	1,896,977	273,228		
20231 45	Feed grade, dry milk, dry buttermilk, dry whey, etc.....	..do.....	281,318	15,908	456,042	24,103
20231 00	Dry milk products and mixtures, n.s.k.....	..do.....	⁴ 60,558	9,513	(X)	11,891
20232 --	Canned milk products (consumer type cans).....	..do.....	⁶ 2,566,675	⁶ 363,045	(X)	352,083
20232 12	Evaporated milk.....	..do.....	2,014,433	262,665	2,472,897	337,268
20232 16	Condensed milk.....	..do.....	79,073	24,116	72,933	13,570
20232 17	Weight control products, dairy base.....	..do.....	77,426	11,445	(⁶)	(⁶)
20232 19	Other canned milk products, including canned whole milk and infants' dietary supplements liquid.....	..do.....	384,406	63,216	(⁶)	(⁶)
20232 00	Canned milk products, n.s.k.....	..do.....	⁴ 11,337	1,603	(X)	1,245
20233 --	Concentrated milk, shipped in bulk (barrels, drums and tanks).....	.....	(X)	75,294	(X)	84,236
	Condensed and evaporated milk products, other than ice cream mix and ice milk mix:					
20233 12	Feed grade, including concentrated whey and buttermilk.....	1,000 lbs.....	650,335	19,023	} 1,004,156	81,618
20233 16	Food grade (bakeries, confectioners, etc.).....	..do.....	579,684	50,281		
20233 00	Concentrated milk shipped in bulk, n.s.k.....	..do.....	(X)	5,990	(X)	2,618
20234 12	Ice cream mix, ice milk mix, milkshake mix, sherbert mix, etc.....	1,000 gal.....	154,920	157,776	(⁸)	118,475
20230 00	Condensed and evaporated milk, n.s.k.....	.....	(X)	3,940	(X)	2,000
2024- --	ICE CREAM AND FROZEN DESSERTS, TOTAL.....	1,000 gal.....	955,751	1,210,027	782,230	1,137,704
20240 13	Ice cream, including custards.....	..do.....	⁹ 684,637	⁹ 918,215	⁹ 559,831	⁹ 859,095
20240 51	Water ices.....	..do.....	36,545	43,629	28,115	38,719
20240 71	Mellorine and similar frozen desserts containing fat other than butterfat.....	..do.....	45,375	36,514	29,925	29,163
20240 93	Other frozen dairy foods (sherbert ice milk, etc.).....	..do.....	⁹ 131,692	⁹ 138,698	⁹ 95,149	⁹ 110,083
20240 00	Ice cream and frozen desserts, n.s.k.....	..do.....	⁴ 57,502	72,971	⁴ 69,210	100,644
2026- --	FLUID MILK, CREAM, COTTAGE CHEESE, AND RELATED PRODUCTS, TOTAL.....	.....	(X)	6,016,599	(X)	5,577,006
20261 --	Bulk fluid milk and cream (sales and transfers to other plants and dealers).....	1,000 lbs.....	21,816,282	950,464	16,020,535	817,455
20261 12	Fluid whole milk, bulk sales.....	..do.....	13,885,578	562,101	10,190,607	457,569
20261 15	Fluid skim milk, bulk sales.....	..do.....	6,185,797	61,498	4,507,915	53,141
20261 17	Fluid cream, bulk sales.....	..do.....	1,025,503	295,499	976,072	289,102
20261 00	Bulk fluid milk and cream, n.s.k.....	..do.....	⁴ 719,404	31,366	345,941	17,643

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2026- --	FLUID MILK, CREAM, COTTAGE CHEESE, AND RELATED PRODUCTS—Con.					
20262 --	Packaged milk and related products, total.....	1,000 qts.....	19,565,413	4,285,066	18,055,032	4,110,344
	Packaged milk and related products, including bulk cans for hotels, restaurants or institutions:					
20262 12	Whole milk packaged.....	...do.....	17,136,086	3,590,116	16,537,962	3,596,920
20262 23	Partial skim milk, packaged (approximately 2% butterfat).....	...do.....	566,311	99,597	⁽¹⁰⁾ 579,870	⁽¹⁰⁾ 98,192
20262 25	Skim milk, packaged.....	...do.....	668,636	117,968	75,012	80,812
20262 32	Cream heavy (whipping cream).....	...do.....	77,195	77,436		
20262 43	Cream light (coffee cream).....	...do.....	74,593	48,344	140,664	97,258
20262 45	Cream sour.....	...do.....	73,121	53,012		
20262 52	Half and half.....	...do.....	290,668	139,137	248,553	122,302
20262 63	Whipped topping, packaged with a butterfat base.....	...do.....	12,967	13,638	¹¹ 43,388	¹¹ 28,315
20262 00	Packaged milk and related products, n.s.k.....	...do.....	4665,836	145,818	379,583	86,545
20263 --	Cottage cheese (include baker's cheese, pot cheese, farmers cheese).....	1,000 lbs.....	946,170	189,149	866,332	185,266
20263 13	Manufactured and creamed in the same plant.....	...do.....	661,518	136,544	607,439	138,084
20263 16	Manufactured and sold as curd (not creamed).....	...do.....	102,388	13,948	127,087	17,538
20263 18	Creamed from purchased curd.....	...do.....	164,190	35,044	131,806	29,644
20263 00	Cottage cheese, n.s.k.....	...do.....	418,074	3,613	(X)	(X)
20264 --	Buttermilk, chocolate drink, and other dairy drinks.....	1,000 qts.....	1,191,384	252,720	1,060,403	213,033
20264 33	Buttermilk and related products (yogurt, acidophilous milk, etc.).....	...do.....	544,191	99,951	520,578	94,096
20264 35	Flavored milk drinks (chocolate milk, chocolate drinks, weight control products, etc.).....	...do.....	597,207	142,167	539,825	118,937
20264 00	Buttermilk, chocolate drink and other dairy drinks, n.s.k.....	...do.....	449,986	10,602	(X)	(X)
20260 00	Fluid milk products, n.s.k.....	.....	(X)	339,200	(X)	250,908

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹In table 7, materials consumed for industry 2021, Creamery Butter, includes 25,907 thousand pounds valued at \$13,311 thousand of butter, this purchased butter probably should have been reported by respondents as part of their cost of resales. Therefore, the total value of shipments of butter and related products probably includes 25 to 30 million pounds valued at \$15 to \$20 million of butter that probably should have been reported by respondents as part of their value of resales.

²Separate data were not requested in 1958 for anhydrous butterfat. The data was probably reported with product code 20210 13 in 1958.

³In 1958, small establishments were not requested to report shipments by package size while the package breakdown was requested for 1963. In addition, for both years, the figures include data for establishments that did not report the requested detail by package size.

⁴Quantity was estimated based on the quantity value relationship reported for the products.

⁵The total for natural and process cheese include substantial duplication since a considerable amount of process cheese is made from purchased natural cheese.

⁶In 1958, information for weight control products and infants' dietary supplements, both liquid and dry, was collected as a single product and had a value of \$38,577 thousand. This is included in the 1958 column in the \$57,583 thousand shown for products 20231 21, 20231 23 and 20231 28. For 1963, the liquid weight control products and infants' dietary supplements are included in product class 20232 Canned milk products. Therefore, to some extent the product and product class totals are not comparable.

⁷A review of the 1958 reporting indicates that a significant amount of bulk shipments of dry milk was reported as shipments in consumer-type packages. While it was possible to make some revisions, the 1958 data shown for consumer packages are overstated and the food grade bulk shipments are understated.

⁸The information was collected in pounds in 1958 and amounted to 916,678 thousand pounds.

⁹In 1958, custards were included in product code 20240 93.

¹⁰In 1958, separate data were not collected for partial skim milk. A review of the 1958 reports for those plants shipping over \$1 million of partial skim milk in 1963 indicates that they probably reported this product with whole milk in 1958.

¹¹Includes whipped topping with nonbutterfat base as well as whipped topping with a butterfat base. For 1963, information on whipped topping with a nondairy base is included in the report for industry 2099, Food Preparations, N.E.C.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
202--	Dairies.....1963..	135	98	202--	Dairies--Con.		
	1958	118	102				
2021	Butter and related products.....1963..	98	97	2023-	Condensed and evaporated milk--Con.		
	1958..	96	97	20234	Ice cream mix, ice milk mix, milk-shake mix, sherbet mix, etc.....1963..	161	81
2022-	Cheese, natural and process.....1963..	141	108		1958..	101	98
	1958..	106	103	2024-	Ice cream and frozen desserts.....1963..	148	85
20221	Natural cheese (cheddar, brick, cream, swiss, etc.).....1963..	136	108		1958	123	97
	1958..	110	102	2026-	Fluid milk, cream, cottage cheese and related products.....1963..	140	100
20222	Process cheese and related products.1963..	150	108		1958..	124	104
	1958..	98	105	20261	Bulk fluid milk and cream (sales and transfers to other plants and dealers).....1963..	158	80
2023-	Condensed and evaporated milk.....1963..	125	99		1958..	127	88
	1958..	109	102	20262	Packaged milk and related products.....1963..	133	105
20231	Dry milk products and mixtures (including dry whole milk, dry skim, dry buttermilk and dry whey).1963..	165	93		1958..	123	108
	1958..	141	93	20263	Cottage cheese (include bakers' cheese, pot cheese, farmers' cheese).....1963..	121	104
20232	Canned milk products (consumer type cans).....1963..	93	113		1958..	109	113
	1958..	93	110	20264	Buttermilk, chocolate drink, and other dairy drinks.....1963..	151	94
20233	Concentrated milk, shipped in bulk (barrels, drums, and tanks).....1963..	78	105		1958..	134	89
	1958..	87	107				

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
20210	Creamery butter.....	820,445	(988,743)	(913,971)	(874,830)	(841,226)	802,316	858,525	726,996
2022-	Natural and process cheese, total.....	1,069,975	1,025,092	1,035,459	941,279	852,809	761,882	702,213	629,453
20221	Natural cheese, except cottage cheese.....	681,458	(NA)	(NA)	(NA)	(NA)	515,839	462,634	(NA)
20222	Process cheese and related products.....	388,517	(NA)	(NA)	(NA)	(NA)	246,043	239,579	(NA)
2023-	Condensed and evaporated milk, total.....	1,104,479	1,130,468	1,160,451	1,069,911	1,014,420	977,939	877,173	(NA)
20231	Dry milk products.....	504,424	589,766	599,568	505,061	432,796	421,145	317,375	(NA)
20232	Canned milk (shipped in consumer type cans).....	363,045	285,908	310,669	343,333	338,797	352,083	341,167	427,939
20233	Evaporated milk, shipped in bulk.....	75,294	87,341	93,600	87,456	92,655	84,236	91,115	157,521
20234	Ice cream mix and ice milk mix.....	157,776	(164,990)	(156,156)	(133,961)	(148,425)	118,475	119,486	115,156
20230	Condensed and evaporated milk, n.s.k.....	3,940	(2,463)	(458)	(100)	(1,747)	2,000	8,030	-
20240	Ice cream and ices.....	1,210,027	1,237,244	1,243,080	1,231,149	1,192,761	1,137,704	954,337	802,002
2026-	Fluid milk, total.....	6,016,599	5,977,001	5,907,259	5,860,259	5,731,663	5,577,006	4,314,588	(NA)
20261	Bulk fluid milk and cream.....	950,464	966,751	952,015	920,617	899,335	817,455	715,598	(NA)
20262	Bottled milk and cream.....	4,285,066	4,413,694	4,361,795	4,356,173	4,242,083	4,110,344	3,102,848	(NA)
20263	Cottage cheese (include bakers' cheese, pot cheese, and farmers' cheese).....	189,149	212,897	209,353	209,393	189,989	185,266	150,563	(NA)
20264	Buttermilk, chocolate drink, and other flavored milk drinks.....	252,720	258,750	251,151	233,906	230,434	213,033	178,004	(NA)
20260	Fluid milk, n.s.k.....	339,200	(124,909)	(132,945)	(140,170)	(169,822)	250,908	167,575	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
CREAMERY BUTTER (20210)	1963 ¹	1958	NATURAL CHEESE, EXCEPT COTTAGE CHEESE (20221)—Con.	1963 ¹		DRY MILK PRODUCTS (20231)—Con.	1963 ¹	1958
United States, total.....	820,445	802,316	South.....	67,648		Mountain.....	11,846	12,162
New England.....	6,182	4,028	Kentucky.....	24,584		Idaho.....	9,808	10,344
Vermont.....	5,312	(2)	Tennessee.....	18,179		Pacific.....	17,655	15,662
Middle Atlantic.....	45,878	30,181	Mississippi.....	4,415		Washington.....	4,418	2,928
New York.....	32,408	19,333	Oklahoma.....	3,164		Oregon.....	1,414	2,631
Pennsylvania.....	12,761	10,036	Mountain.....	31,091		California.....	11,823	10,103
East North Central.....	269,557	247,658	Idaho.....	24,729		CANNED MILK (SHIPPED IN CONSUMER TYPE PACKAGES) (20232)		
Ohio.....	27,323	27,803	Utah.....	3,862		United States, total...	363,045	352,083
Indiana.....	17,037	14,373	Pacific.....	17,790		Northeast.....	26,505	(2)
Illinois.....	14,609	27,601	Washington.....	2,102		East North Central.....	117,141	124,071
Michigan.....	22,252	19,278	Oregon.....	7,749		Ohio.....	41,492	35,543
Wisconsin.....	188,336	158,603	California.....	7,939		Illinois.....	23,623	23,569
West North Central.....	387,207	406,160	PROCESS CHEESE AND RELATED PRODUCTS (20222)			Wisconsin.....	25,194	47,140
Minnesota.....	182,361	170,908	United States, total...	388,517		West North Central.....	45,419	36,197
Iowa.....	89,810	98,347	New England.....	3,128		Missouri.....	30,885	21,243
Missouri.....	22,825	33,043	Massachusetts.....	2,192		South.....	108,507	(2)
North Dakota.....	26,913	31,346	Middle Atlantic.....	38,776		Virginia.....	11,872	(2)
South Dakota.....	20,289	20,089	New York.....	6,963		Tennessee.....	26,085	27,022
Nebraska.....	32,953	34,379	New Jersey.....	8,051		Mountain.....	16,329	(2)
Kansas.....	12,056	18,048	Pennsylvania.....	23,762		Pacific.....	49,144	(2)
South Atlantic.....	6,462	8,329	East North Central.....	154,936		California.....	36,899	(2)
Virginia.....	1,856	2,628	Ohio.....	5,705		EVAPORATED MILK, SHIPPED IN BULK (20233)		
East South Central.....	17,531	16,803	Illinois.....	10,705		United States, total...	75,294	84,236
Kentucky.....	9,979	8,033	Wisconsin.....	137,560		Northeast.....	23,687	(2)
Tennessee.....	5,719	6,236	West North Central.....	142,283		New York.....	12,893	15,226
West South Central.....	10,329	14,270	Iowa.....	2,584		East North Central.....	28,739	34,395
Oklahoma.....	5,853	9,024	South.....	39,599		Ohio.....	4,214	1,566
Mountain.....	35,982	38,660	West.....	9,795		Indiana.....	2,432	3,951
Montana.....	2,144	3,497	California.....	5,160		Illinois.....	4,619	3,722
Idaho.....	22,073	20,987	DRY MILK PRODUCTS (20231)			Michigan.....	1,308	3,642
Colorado.....	6,511	8,397	United States, total...	504,424	412,591	Wisconsin.....	16,166	21,514
Utah.....	3,994	3,223	New England.....	4,845	3,690	West North Central.....	4,991	6,398
Pacific.....	41,317	36,227	Middle Atlantic.....	45,843	36,474	Minnesota.....	2,265	3,587
Washington.....	13,542	10,971	New York.....	33,566	30,031	Kansas.....	1,256	1,181
Oregon.....	5,497	6,453	Pennsylvania.....	11,398	(2)	South Atlantic.....	6,168	5,754
California.....	22,278	18,803	East North Central.....	217,912	214,363	East South Central.....	5,870	6,538
NATURAL CHEESE, EXCEPT COTTAGE CHEESE (20221)	1963 ¹		Ohio.....	16,681	19,895	West South Central.....	1,423	1,960
United States, total.....	681,458		Indiana.....	6,486	8,870	West.....	4,416	(2)
New England.....	7,905		Illinois.....	21,103	10,832	California.....	3,523	(2)
Vermont.....	6,269		Michigan.....	32,606	36,999	ICE CREAM MIX AND ICE MILK MIX (20234)		
Middle Atlantic.....	77,989		Wisconsin.....	141,036	137,767	United States, total...	157,776	118,475
New York.....	46,638		West North Central.....	192,741	120,234	New England.....	6,390	9,391
New Jersey.....	1,156		Minnesota.....	107,265	79,252	Massachusetts.....	3,784	1,377
Pennsylvania.....	30,195		Iowa.....	65,567	24,965	Connecticut.....	1,931	3,524
East North Central.....	370,662		Missouri.....	6,198	9,011	Middle Atlantic.....	32,353	24,302
Ohio.....	24,201		South Dakota.....	5,663	2,620	New York.....	21,483	12,655
Indiana.....	16,472		Kansas.....	3,704	2,617	New Jersey.....	2,266	2,336
Illinois.....	43,133		South Atlantic.....	3,924	3,217	Pennsylvania.....	8,604	9,311
Michigan.....	12,578		Maryland.....	2,740	(2)			
Wisconsin.....	274,278		East South Central.....	5,702	2,905			
West North Central.....	108,373		Kentucky.....	2,540	(2)			
Minnesota.....	23,415		Tennessee.....	1,965	(2)			
Iowa.....	18,893		West South Central.....	3,956	3,884			
Missouri.....	49,633		Oklahoma.....	1,341	1,388			
North Dakota.....	4,169							
South Dakota.....	6,944							
Nebraska.....	2,102							
Kansas.....	3,217							

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
ICE CREAM MIX AND ICE MILK MIX (20234)—Continued			BULK FLUID MILK AND CREAM (20261)—Continued			BOTTLED MILK AND CREAM (20262)—Continued		
East North Central.....	44,537	34,956	East South Central—Con.			Mountain.....	160,975	147,773
Ohio.....	9,050	6,913	Alabama.....	5,063	2,435	Montana.....	15,465	11,800
Indiana.....	4,158	3,970	Mississippi.....	5,911	6,437	Idaho.....	12,775	11,666
Illinois.....	11,323	8,227				Wyoming.....	7,695	5,280
Michigan.....	13,939	10,019	West South Central.....	24,780	21,445	Colorado.....	46,335	43,583
Wisconsin.....	6,067	5,827	Arkansas.....	2,831	3,030	New Mexico.....	16,389	14,363
			Louisiana.....	6,271	2,455	Arizona.....	24,398	30,394
West North Central.....	14,773	10,897	Oklahoma.....	5,297	2,601	Utah.....	28,340	25,321
Minnesota.....	5,609	5,156	Texas.....	10,381	13,359	Nevada.....	9,578	5,366
Iowa.....	2,637	1,608						
Missouri.....	1,785	1,125	Mountain.....	19,555	13,946	Pacific.....	542,895	505,558
South Dakota.....	1,509	(2)	Montana.....	2,131	(2)	Washington.....	78,222	74,819
Nebraska.....	1,024	(2)	Idaho.....	2,841	2,361	Oregon.....	44,011	44,850
Kansas.....	1,979	1,900	Colorado.....	3,819	4,624	California.....	400,111	385,889
			Arizona.....	3,703	1,653			
South Atlantic.....	17,502	13,270	Utah.....	5,117	1,997	COTTAGE CHEESE (INCLUDE		
Maryland.....	6,238	(2)				BAKERS' CHEESE, POT		
Virginia.....	4,448	4,156	Pacific.....	129,727	92,676	CHEESE, FARMERS'		
Georgia.....	2,494	1,412	Washington.....	12,765	15,038	CHEESE) (20263)		
Florida.....	2,286	1,046	Oregon.....	17,192	13,243			
			California.....	98,934	64,395	United States, total...	189,149	185,266
East South Central.....	7,024	4,997						
Kentucky.....	2,142	1,217	BOTTLED MILK AND CREAM			New England.....	5,716	3,919
Tennessee.....	3,385	3,402	(20262)			Vermont.....	2,008	(2)
						Connecticut.....	1,711	(2)
West South Central.....	9,523	4,661	United States, total...	4,285,066	4,110,344			
Arkansas.....	1,866	1,202				Middle Atlantic.....	34,244	37,794
Oklahoma.....	2,626	(2)	New England.....	364,504	298,866	New York.....	25,205	29,351
Texas.....	4,232	2,421	Maine.....	23,508	20,630	Pennsylvania.....	8,687	(2)
			New Hampshire.....	17,849	13,101			
Mountain.....	4,761	2,868	Vermont.....	18,317	19,177	East North Central.....	50,367	50,026
Utah.....	1,230	(2)	Massachusetts.....	183,136	135,549	Ohio.....	14,893	13,805
			Rhode Island.....	29,656	22,584	Indiana.....	5,458	6,235
Pacific.....	20,913	13,133	Connecticut.....	92,038	87,825	Illinois.....	11,560	9,569
Washington.....	4,439	2,553				Michigan.....	8,396	9,498
Oregon.....	2,032	2,051	Middle Atlantic.....	870,280	919,081	Wisconsin.....	10,060	10,919
California.....	13,952	8,529	New York.....	392,615	422,794			
			New Jersey.....	158,530	168,539	West North Central.....	20,704	21,907
BULK FLUID MILK AND CREAM			Pennsylvania.....	319,135	327,748	Minnesota.....	4,126	4,262
(20261)						Iowa.....	2,904	3,181
United States, total....	950,464	817,455	East North Central.....	914,267	940,602	Missouri.....	5,263	7,726
			Ohio.....	274,808	266,731	South Dakota.....	1,163	(2)
New England.....	85,016	62,526	Indiana.....	107,915	117,522	Nebraska.....	2,032	2,533
Vermont.....	27,289	16,036	Illinois.....	246,185	254,666	Kansas.....	5,035	3,324
Massachusetts.....	11,491	13,740	Michigan.....	187,645	203,617			
			Wisconsin.....	97,714	98,072	South Atlantic.....	10,873	9,467
Middle Atlantic.....	194,543	176,498				Maryland.....	3,595	1,911
New York.....	101,694	103,825	West North Central.....	344,256	328,354	Virginia.....	1,267	(2)
New Jersey.....	29,078	18,874	Minnesota.....	87,186	84,049	North Carolina.....	2,374	(2)
Pennsylvania.....	63,771	53,799	Iowa.....	59,513	60,214	Florida.....	1,434	(2)
			Missouri.....	89,107	89,278			
East North Central.....	245,253	256,186	North Dakota.....	8,758	6,933	East South Central.....	4,454	8,525
Ohio.....	50,396	55,100	South Dakota.....	14,287	10,325	Kentucky.....	1,680	4,846
Indiana.....	20,435	25,591	Nebraska.....	36,158	31,452	Tennessee.....	2,216	2,950
Illinois.....	29,695	27,906	Kansas.....	49,247	46,103			
Michigan.....	29,518	29,342				West South Central.....	11,999	8,791
Wisconsin.....	115,209	118,247	South Atlantic.....	533,022	471,437	Louisiana.....	1,966	(2)
			Delaware.....	7,910	12,436	Oklahoma.....	3,152	2,333
West North Central.....	172,054	124,104	Maryland.....	77,000	56,801	Texas.....	6,455	5,097
Minnesota.....	85,912	59,262	District of Columbia....	38,060	51,479			
Iowa.....	41,577	29,305	Virginia.....	66,754	54,110	Mountain.....	7,432	6,036
Missouri.....	20,021	23,094	West Virginia.....	31,287	34,422	Colorado.....	2,180	2,095
North Dakota.....	1,497	(2)	North Carolina.....	89,842	69,708	Utah.....	1,601	(2)
South Dakota.....	7,646	(2)	South Carolina.....	30,677	28,952			
Nebraska.....	2,377	2,096	Georgia.....	63,841	50,456	Pacific.....	43,300	38,801
Kansas.....	13,024	7,925	Florida.....	127,651	113,073	Washington.....	5,470	5,436
						Oregon.....	2,680	2,845
South Atlantic.....	43,980	40,021	East South Central.....	207,737	170,162	California.....	34,621	30,520
Maryland.....	13,589	15,636	Kentucky.....	53,710	47,927			
Virginia.....	11,837	9,346	Tennessee.....	64,167	55,193	BUTTERMILK, CHOCOLATE DRINK,		
North Carolina.....	4,472	3,576	Alabama.....	59,179	47,219	AND OTHER FLAVORED MILK		
South Carolina.....	4,387	(2)	Mississippi.....	30,681	19,823	DRINKS (20264)		
Georgia.....	2,474	3,698				United States, total...	252,720	213,033
Florida.....	4,080	2,473	West South Central.....	347,130	328,511	New England.....	7,205	4,890
			Arkansas.....	25,649	27,169	Massachusetts.....	3,494	2,228
East South Central.....	35,556	30,053	Louisiana.....	59,465	48,390	Connecticut.....	1,794	1,583
Kentucky.....	8,680	6,722	Oklahoma.....	49,963	51,925			
Tennessee.....	15,902	14,458	Texas.....	212,053	201,027	Middle Atlantic.....	35,728	29,882

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
BUTTERMILK, CHOCOLATE DRINK, AND OTHER FLAVORED MILK DRINKS (20264)—Con.			BUTTERMILK, CHOCOLATE DRINK, AND OTHER FLAVORED MILK DRINKS (20264)—Con.			BUTTERMILK, CHOCOLATE DRINK, AND OTHER FLAVORED MILK DRINKS (20264)—Con.		
East North Central.....	59,656	52,241	South Atlantic.....	47,649	39,098	West South Central.....	34,080	26,972
Ohio.....	18,025	16,398	Maryland.....	3,713	2,966	Arkansas.....	2,153	2,978
Indiana.....	8,853	7,082	Virginia.....	6,012	4,736	Louisiana.....	3,201	2,337
Illinois.....	16,862	11,510	West Virginia.....	2,511	2,445	Oklahoma.....	3,954	3,201
Michigan.....	9,683	12,022	North Carolina.....	12,607	8,654	Texas.....	24,772	18,456
Wisconsin.....	6,233	5,229	South Carolina.....	3,844	3,319	Mountain.....	6,761	5,973
West North Central.....	17,072	14,353	Georgia.....	8,586	6,472	Colorado.....	1,942	1,743
Minnesota.....	2,340	2,454	Florida.....	8,142	6,537	New Mexico.....	1,195	(Z)
Iowa.....	2,855	2,128	East South Central.....	25,300	19,325	Arizona.....	1,512	1,729
Missouri.....	6,867	6,268	Kentucky.....	3,948	3,316	Pacific.....	19,269	20,299
South Dakota.....	1,286	(Z)	Tennessee.....	7,640	6,953	Washington.....	2,221	2,518
Nebraska.....	1,437	1,349	Alabama.....	8,561	5,930	Oregon.....	1,174	(Z)
Kansas.....	1,956	1,317	Mississippi.....	5,151	3,126	California.....	14,532	16,628

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20210, Maryland, Mississippi, Arkansas, Louisiana, and Texas; 20221, Virginia, Georgia, Alabama, Arkansas, Montana, and Wyoming; 20222, Minnesota, Missouri, Kansas, Georgia, Tennessee, Idaho, and California; 20231, Vermont, North Dakota, Nebraska, Virginia, Texas, and Utah; 20232, New York, Pennsylvania, Indiana, Michigan, Minnesota, South Dakota, Kansas, Maryland, West Virginia, North Carolina, South Carolina, Kentucky, Mississippi, Arkansas, Texas, Idaho, Colorado, Utah, and Washington; 20233, Maine Pennsylvania, Maryland, Kentucky, Tennessee, Mississippi, and Texas; 20261, Maine, New Hampshire, Connecticut, and District of Columbia; 20262, Alaska, and Hawaii; 20263, Maine; 20264, District of Columbia and Hawaii.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 6E. **Wholesale and Retail Sales of Bottled Milk and Related Products, by Type of Container: 1963**

Type of container	Total shipments including interplant transfers (\$1,000)		
	Total	Retail ¹	Wholesale ²
TOTAL ³	4,524,148	1,404,025	3,120,123
Paperboard.....	2,888,190	437,549	2,450,641
Glass.....	1,411,191	945,039	466,152
Metal dispenser cans and dispenser bags.....	166,459	12,390	154,069
Other containers.....	58,308	9,047	49,261

¹Includes home delivery.

²Includes sales to independent distributors, subdealers, wholesalers, retail dairy and grocery stores, restaurants, hotels, schools and other institutions. Includes also transfer to retail stores operated by the same company which operated the milk plant.

³Includes shipments and interplant transfers of the following product codes listed in table 6A:

Product code	Product	Product code	Product
20262 12	Whole milk packaged	20262 52	Half and half
20262 23	Partial skim milk, packaged	20262 00	Packaged milk and related products, n.s.k.
20262 25	Skim milk, packaged	20264 33	Buttermilk and related products
20262 32	Cream heavy	20264 35	Flavored milk drinks
20262 43	Cream light	20264 00	Buttermilk, chocolate drink and other dairy drinks, n.s.k.
20262 45	Cream sour		

Figures are based on reports from the larger plants which account for about 85 percent of the total sales and inflated to industry totals.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			DAIRY PRODUCTS INDUSTRIES TOTAL (GROUP 202)				INDUSTRY 2021.—CREAMERY BUTTER			
	Materials, containers and supplies, total.....		(X)	7,144,852	(X)	6,462,124	(X)	784,041	(X)	774,765
202610	Whole milk.....	Cwt.....	1,013,511,707	4,240,543	928,731,455	3,904,987	145,724,693	475,734	122,078,942	393,639
202612	Fluid skim milk.....	..do.....	94,956,269	93,361	71,198,182	69,509	14,415,008	14,619	13,719,793	12,281
202613	Cream.....	..do.....	17,872,518	446,574	19,813,522	509,485	7,599,337	161,100	9,890,355	225,271
202101	Butter.....	1,000 lbs..	94,257	54,432	(¹)	(¹)	² 25,907	² 13,311	(¹)	(¹)
202401	Ice cream mix, sherbet mix and ice milk mix.....	1,000 gals.	107,787	94,197	108,934	113,424	945	960	2,147	1,848
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	9,603,002	98,337	7,231,936	66,038	757,394	8,022	109,568	909
202210	Natural cheese, other than cottage.....	1,000 lbs..	861,694	317,279	³ 710,273	³ 220,841	3,482	1,171	³ 6,263	³ 2,272
202301	Condensed and evaporated milk..	..do.....	813,710	66,496	815,650	57,451	38,882	1,415	(¹)	(¹)
202311	Dried milk.....	..do.....	445,897	70,406	434,499	58,516	8,406	1,183	50,006	5,395
970099	All other materials, ingredients, containers, and supplies.....		(X)	986,468	(X)	1,145,541	(X)	35,254	(X)	133,150
976000	Materials, containers, and supplies, n.s.k. ⁴		(X)	676,759	(X)	316,332	(X)	71,272		
			INDUSTRY 2022.—NATURAL AND PROCESS CHEESE				INDUSTRY 2023.—CONDENSED AND EVAPORATED MILK			
	Materials, containers and supplies, total.....		(X)	932,358	(X)	678,024	(X)	657,419	(X)	584,306
202610	Whole milk.....	Cwt.....	122,871,253	403,891	107,709,793	343,142	100,793,244	341,527	98,842,981	328,847
202612	Fluid skim milk.....	..do.....	5,430,593	5,528	3,708,023	3,952	48,458,176	38,969	38,171,720	32,314
202613	Cream.....	..do.....	1,099,472	30,937	634,430	20,082	747,783	21,338	734,092	20,150
202101	Butter.....	1,000 lbs..	(D)	(D)	(¹)	(¹)	(D)	(D)	(¹)	(¹)
202401	Ice cream mix, sherbet mix and ice milk mix.....	1,000 gals.	(D)	(D)	2,386	2,306	(D)	(D)	358	412
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	54,423	607	17,700	177	1,492,307	14,505	1,033,102	9,217
202210	Natural cheese, other than cottage.....	1,000 lbs..	848,321	312,043	³ 541,309	³ 191,201	(D)	(D)	-	-
202301	Condensed and evaporated milk..	..do.....	13,993	641	(¹)	(¹)	165,195	10,256	182,717	13,799
202311	Dried milk.....	..do.....	12,586	2,041	16,443	2,039	260,076	41,409	228,538	31,424
970099	All other materials, ingredients, containers, and supplies.....		(X)	78,382	(X)	115,125	(X)	153,497	(X)	148,143
976000	Materials, containers, and supplies, n.s.k. ⁴		(X)	97,115			(X)	27,168		
			INDUSTRY 2024.—ICE CREAM AND FROZEN DESSERTS				INDUSTRY 2026.—FLUID MILK			
	Materials, containers and supplies, total.....		(X)	538,897	(X)	472,151	(X)	4,232,137	(X)	3,952,878
202610	Whole milk.....	Cwt.....	12,559,124	48,858	7,539,704	33,045	631,563,393	2,970,533	592,560,035	2,806,314
202612	Fluid skim milk.....	..do.....	1,327,788	2,285	1,878,740	1,892	25,324,164	31,960	13,719,906	19,070
202613	Cream.....	..do.....	3,526,354	103,125	3,331,870	97,651	4,899,522	130,074	5,202,775	146,331
202101	Butter.....	1,000 lbs..	(D)	(D)	(¹)	(¹)	(D)	(D)	(¹)	(¹)
202401	Ice cream mix, sherbet mix and ice milk mix.....	1,000 gals.	62,012	55,103	57,700	62,701	44,173	37,853	46,343	46,157
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	3,879,672	39,488	2,809,630	25,046	3,419,206	35,715	3,261,936	30,689
202210	Natural cheese, other than cottage.....	1,000 lbs..	(D)	(D)	³ 781	³ 591	(D)	(D)	³ 161,920	³ 26,777
202301	Condensed and evaporated milk..	..do.....	439,629	45,242	361,327	32,610	156,011	8,942	271,606	11,042
202311	Dried milk.....	..do.....	56,185	8,263	32,704	4,706	108,644	17,510	106,808	14,952
970099	All other materials, ingredients, containers, and supplies.....		(X)	175,959	(X)	213,909	(X)	543,376	(X)	535,214
976000	Materials, containers, and supplies, n.s.k. ⁴		(X)	53,238			(X)	456,174	(X)	316,332

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Included with "All other materials" material code 970099.

²Includes cottage cheese.

³Cost of delivered butter for industry 2021 Creamery Butter probably should have been reported by respondents as part of their cost of resales.

⁴Represents (a) total cost of material for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms".

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Creamery butter (SIC 2021)	Natural and process cheese (SIC 2022)	Condensed and evaporated milk (SIC 2023)	Ice cream and frozen desserts (SIC 2024)	Fluid milk (SIC 2026)
Total cost of purchased fuels and electric energy.....\$1,000..	20,549	9,334	14,388	12,305	66,865
Total cost of purchased fuels.....do....	13,613	5,581	10,747	3,124	31,007
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	303	106	513	22	362
Cost.....\$1,000..	2,806	1,105	4,568	104	2,878
Coke and breeze:					
Quantity.....1,000 short tons..	-	(S)	-	(S)	(S)
Cost.....\$1,000..	-	(S)	-	(S)	(S)
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	741	402	462	261	2,438
Cost.....\$1,000..	2,877	1,759	1,492	1,054	9,292
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	13,953	3,490	8,231	1,928	23,718
Cost.....\$1,000..	6,084	1,658	3,373	1,213	11,772
Other fuels.....do....	1,846	1,057	1,314	700	7,015
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	408	226	228	596	2,216
Cost.....\$1,000..	6,936	3,753	3,641	9,181	35,858
Generated less sold.....million kw.-hrs..	12	(S)	51	-	20
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	184	117	159	289	933
Prime movers, total.....do....	28	12	46	7	58
Driving generators.....do....	9	2	34	5	22
Not driving generators.....do....	19	9	12	2	36
Electric motors, total.....do....	162	105	129	282	933
Driven by purchased energy.....do....	156	105	113	282	925
Driven by energy generated at establishment.....do....	6	(Z)	15	-	8
Aggregate horsepower per 100 production workers.....	1,721	1,455	1,633	1,799	1,378

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2021-	CREAMERY BUTTER										
	Entire industry.....	766	11,992	52,870	8,607	19,471	36,959	132,665	854,599	988,777	9,930
	Establishments with--										
	90% or more specialization..	317	2,382	9,884	1,791	3,944	7,135	30,051	183,342	213,679	1,756
	75-89% specialization.....	158	2,071	8,555	1,441	3,219	5,770	23,227	153,229	176,155	1,333
2022-	NATURAL AND PROCESS CHEESE										
	Entire industry.....	1,138	17,956	78,684	14,893	31,082	61,836	179,750	995,252	1,170,836	15,866
	Establishments with--										
	90% or more specialization..	904	12,440	53,848	10,470	21,451	42,809	123,249	732,670	854,077	10,678
	75-89% specialization.....	147	3,641	16,295	2,910	6,280	12,423	36,065	173,524	207,890	3,117
20221	Natural cheese, except cottage cheese (primary product class of estab.).....	870	12,379	53,291	10,150	21,457	41,788	123,357	584,293	704,290	11,672
	Establishments with--										
	90% or more specialization...	645	6,778	28,642	5,652	11,825	22,839	64,915	327,395	392,097	6,547
	75-89% specialization.....	149	3,335	14,810	2,667	5,796	11,289	32,924	160,134	191,837	3,125
20222	Process cheese and related products (primary product class of estab.).....	268	5,577	25,393	4,743	9,625	20,048	56,393	410,959	466,546	4,194
	Establishments with--										
	90% or more specialization...	220	3,156	13,331	2,621	5,325	10,324	35,795	222,653	257,285	3,015
2023-	CONDENSED AND EVAPORATED MILK										
	Entire industry.....	281	12,255	66,990	9,533	20,068	50,413	236,250	699,352	937,925	12,113
	Establishments with--										
	90% or more specialization..	178	6,567	36,019	5,267	10,909	27,675	126,751	328,463	454,674	5,621
	75-89% specialization.....	29	1,689	8,855	1,303	2,755	6,742	56,213	101,606	159,574	1,271
20231	Dry milk products (primary product class of estab.).....	105	4,660	24,882	3,777	8,038	19,728	77,991	266,319	345,650	5,313
	Establishments with--										
	90% or more specialization...	51	1,455	7,560	1,212	2,580	6,132	28,596	63,442	92,317	1,560
	75-89% specialization.....	19	1,017	5,360	821	1,654	4,216	13,235	58,193	71,114	772
20232	Canned milk (shipped in consumer type packages) (primary product class of estab.).....	77	5,521	30,188	4,392	9,152	23,343	119,052	316,838	436,834	3,350
	Establishments with--										
	90% or more specialization...	48	2,712	15,182	2,216	4,596	11,938	65,465	164,755	229,661	1,292
	75-89% specialization.....	13	1,295	6,756	1,027	2,125	5,391	29,603	58,992	89,414	907
20233	Evaporated milk, shipped in bulk (primary product class of estab.).....	23	493	2,822	347	816	1,963	7,260	44,679	51,682	841
	Establishments with--										
	90% or more specialization...	15	104	518	86	175	416	1,076	3,824	4,863	103
20234	Ice cream mix and ice milk mix (primary product class of estab.).....	51	1,271	7,357	744	1,505	3,872	16,611	60,019	76,764	1,333
	Establishments with--										
	90% or more specialization...	23	376	2,388	208	440	1,118	5,011	15,712	20,656	442
	75-89% specialization.....	6	114	599	56	126	273	1,513	3,952	5,469	(D)
2024-	ICE CREAM AND FROZEN DESSERTS										
	Entire industry.....	1,081	29,143	158,257	15,585	32,495	76,557	433,006	644,630	1,076,479	31,915
	Establishments with--										
	90% or more specialization..	967	24,357	132,557	13,177	27,348	65,021	360,524	515,267	874,944	25,627
	75-89% specialization.....	47	1,633	8,513	845	1,768	3,802	27,744	47,687	75,384	2,209

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2026-	FLUID MILK										
	Entire industry.....	4,619	185,050	1,032,879	68,577	147,142	358,770	2,203,196	4,821,672	7,025,892	126,147
	Establishments with--										
	90% or more specialization..	3,765	123,291	695,694	44,456	96,074	233,138	1,486,057	3,163,807	4,650,069	81,131
	75-89% specialization.....	496	38,921	215,905	14,238	31,174	71,939	451,026	897,020	1,348,562	24,583
20261	Bulk fluid milk and cream (primary product class of estab.).....	530	10,428	54,403	6,346	13,611	31,949	138,263	664,285	803,490	10,591
	Establishments with--										
	90% or more specialization...	290	2,586	11,617	1,457	4,840	6,132	33,197	146,040	179,184	3,121
	75-89% specialization.....	79	1,620	8,288	860	1,838	4,242	24,533	102,845	127,626	2,313
20262	Bottled milk and cream (primary product class of estab.).....	3,079	160,914	917,626	54,571	118,397	292,558	1,945,911	3,843,619	5,789,762	97,675
	Establishments with--										
	90% or more specialization...	1,536	45,744	266,876	16,339	34,357	90,806	573,185	1,162,679	1,736,263	27,943
	75-89% specialization.....	935	64,087	373,217	19,901	43,576	106,038	784,060	1,465,544	2,249,556	37,556
20263	Cottage cheese (include bakers' cheese, pot cheese, and farmers' cheese) (primary product class of estab.).....	73	1,490	8,061	1,105	2,343	5,565	21,464	54,034	75,506	1,615
	Establishments with--										
	90% or more specialization...	44	510	2,780	365	723	1,842	6,257	18,669	24,964	360
	75-89% specialization.....	10	236	1,247	180	358	843	2,212	7,331	9,513	265
20264	Buttermilk, chocolate drink, and other flavored milk drinks (primary product class of estab.).....	10	235	1,533	96	197	528	3,781	3,436	7,214	49
	Establishments with--										
	90% or more specialization...	7	179	1,196	57	107	312	3,107	2,832	5,940	31

Standard Notes: - Represents zero.
applicable.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

CANNED AND FROZEN FOODS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2031—Canned and Cured Seafoods
- 2032—Canned Specialties
- 2033—Canned Fruits, Vegetables, Preserves, Jams, and Jellies
- 2034—Dried and Dehydrated Fruits and Vegetables
- 2035—Pickled Fruits and Vegetables; Vegetable Sauces and Seasonings; Salad Dressings
- 2036—Fresh or Frozen Packaged Fish
- 2037—Frozen Fruits, Fruit Juices, Vegetables, and Specialties

The general statistics (employment, payrolls, value of production, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing production by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

This group of industries includes establishments primarily engaged in canning, freezing, and preserving foods, except meats, poultry, and milk products. Establishments primarily engaged in canning and freezing meats and poultry are included in Industry Group 201, Meat Products. Those engaged in canning milk are included in Industry Group 202, Dairy Products.

Establishments classified in the canning and preserving industries usually are located in the growing areas, and specialize in the processing of the products grown in the vicinity of the plant. Although individual establishments tend to specialize, the larger companies in these industries usually produce a variety of products through the ownership and operation of a number of establishments.

Employment in many of these establishments is characterized by sharp seasonal fluctuations, reaching a peak during the harvest season. Employment data, as shown in the census of manufactures tables, represents sum of the nonproduction employees as of March 15 and the average of the production workers on the payroll for the months of March, May, August, and November (except in table 3 where it is based on the twelve months) and will always be greater than the average number of persons at work (see Introduction). Labor fluctuations and turnover are quite pronounced in this group of industries and since these are the two factors contributing most to the spread between persons actually at work and the average annual employment, the difference in these industries is greater than for manufacturing establishments generally. The man-hour statistics shown in tables 2 and 3

represent the total hours actually worked by production workers, and consequently are more reliable as a measure of labor input than are the figures on average number of employees.

In most sections of the country, the crop is usually harvested and processed within a calendar year. However, in the relatively few instances where this period extends beyond the end of the calendar year, reports were based on a crop year and cover a twelve-month period ending early in 1964.

Products canned or frozen at farm produce assembly or purchasing stations, at frozen food lockers, at wholesale or retail establishments, or on farms, whether for home consumption or for resale, are not included in the census of manufactures statistics.

Because of the difficulty of securing adequate data on value of shipments from many establishments included in this group of industries, value of production or pack rather than value of shipments was called for on the 1963 Census of Manufactures questionnaires (except for industry 2034, Dehydrated Foods Products). Production data, rather than shipments, were also reported in the 1958 Census of Manufactures.

2031—CANNED AND CURED SEAFOODS

This industry comprises establishments primarily engaged in cooking and canning fish, shrimps, oysters, clams, crabs, and other seafoods; and those engaged in smoking, salting, drying, or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or freezing and packaging fresh fish are classified in industry 2036. For a detailed list of the products of industry 2031, refer to table 6A, product codes 2031011 to 2031085.

The specialization and coverage ratios for industry 2031 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 112 in 1963 from the 1958 level of 103. The unit value index for 1963 was 114 compared to 109 in 1958. Both indexes were computed on a basis of 1954 = 100.

2032—CANNED SPECIALTIES

This industry comprises establishments primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups, except seafood. Establishments primarily engaged in canning seafood soup are classified in industry 2031, and those primarily engaged in quick freezing canned specialties in industry 2037. For a detailed list of products of industry 2032, refer to table 6A, product codes 2032111 to 2032000.

Value of production and other receipts of the Canned Specialties Industry totaled \$1,169 million. This amount included production of canned specialties (primary products) valued at \$866 million, production of other products (secondary products) valued at \$214 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$90 million.

This industry's production of canned specialties (primary products) represented 80 percent of its total production shipments. The industry specialization ratio in 1958 was 86 percent.

Production of canned specialties by this industry represented 91 percent of all production of these products (\$947 million) by all industries.

2033—CANNED FRUITS, VEGETABLES, PRESERVES, JAMS, AND JELLIES

This industry comprises establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafood soups are classified in industry 2031; and soups, except sea food, and baby foods in industry 2032. For a detailed list of products of industry 2033, refer to table 6A, product codes 2033112 to 2033000.

The specialization and coverage ratio for industry 2033 were over 89 percent, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Comparable specialization and coverage ratios for 1958 are not available because of significant changes in industry definitions.

In comparing census statistics on canned fruits and vegetables with those published by the National Canners Association (NCA), some differences were noted. The principal reasons for difference are (1) the census reports cover the calendar year, or a fiscal year approximating the calendar year, while the National Canners Association figures cover the crop year; (2) for products packed in glass the NCA reports most glass containers in cases of 24, the census reports in cases of 12; and (3) the census reports for plants with less than 10 employees were tabulated in the product items captioned "Not specified by kind" rather than under the specific fruit or vegetable.

The production index for the primary products of the industry increased to 139 in 1963 from the 1958 level of 120. The unit value index for 1963 was 126 compared to 124 in 1958. Both indexes were computed on a basis of 1954 = 100.

2034—DRIED AND DEHYDRATED FRUITS AND VEGETABLES

This industry comprises establishments primarily engaged in sun drying or artificially dehydrating fruits, vegetables, and nuts, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in trade industries. For a detailed list of industry 2034, refer to table 6A, product codes 2034111 to 2034000.

The specialization and coverage ratios for industry 2034 were over 89 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

2035—PICKLED FRUITS AND VEGETABLES; VEGETABLE SAUCES AND SEASONINGS; SALAD DRESSINGS

This industry comprises establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in industry 2033, and those packing purchased pickles and olives in trade industries. For a detailed list of industry 2035, refer to table 6A, product codes 2035211 to 2035000.

Value of production and other receipts of the Pickles and Sauces, Salad Dressing Industry totaled \$677 million. This amount included production of pickles and sauces (primary products) valued at \$509 million, production of other products (secondary products) valued at \$138 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$30 million.

This industry's production of pickles, sauces, and salad dressing (primary products) represented 79 percent (specialization ratio) of its total production (primary and secondary). The industry specialization ratio in 1958 was 81 percent.

Production of pickles and sauces by this industry represented 82 percent of all production of these products (\$619 million) by all industries. The industry coverage ratio in 1958 was 82 percent.

The production index for the primary products of the industry increased to 145 in 1963 from the 1958 level of 116. The unit value index for 1963 was 105 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2036—FRESH OR FROZEN PACKAGED FISH

This industry comprises establishments primarily engaged in preparing fresh, and raw or cooked frozen packaged fish and other seafood. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers. For a detailed list of products of industry 2036, refer to table 6A, product codes 2036111 to 2036000.

The specialization and coverage ratios for industry 2036 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 178 in 1963 from the 1958 level of 154. The unit value index for 1963 was 143 compared to 128 in 1958. Both indexes were computed on a basis of 1954 = 100.

2037—FROZEN FRUITS, FRUIT JUICES, VEGETABLES, AND SPECIALTIES

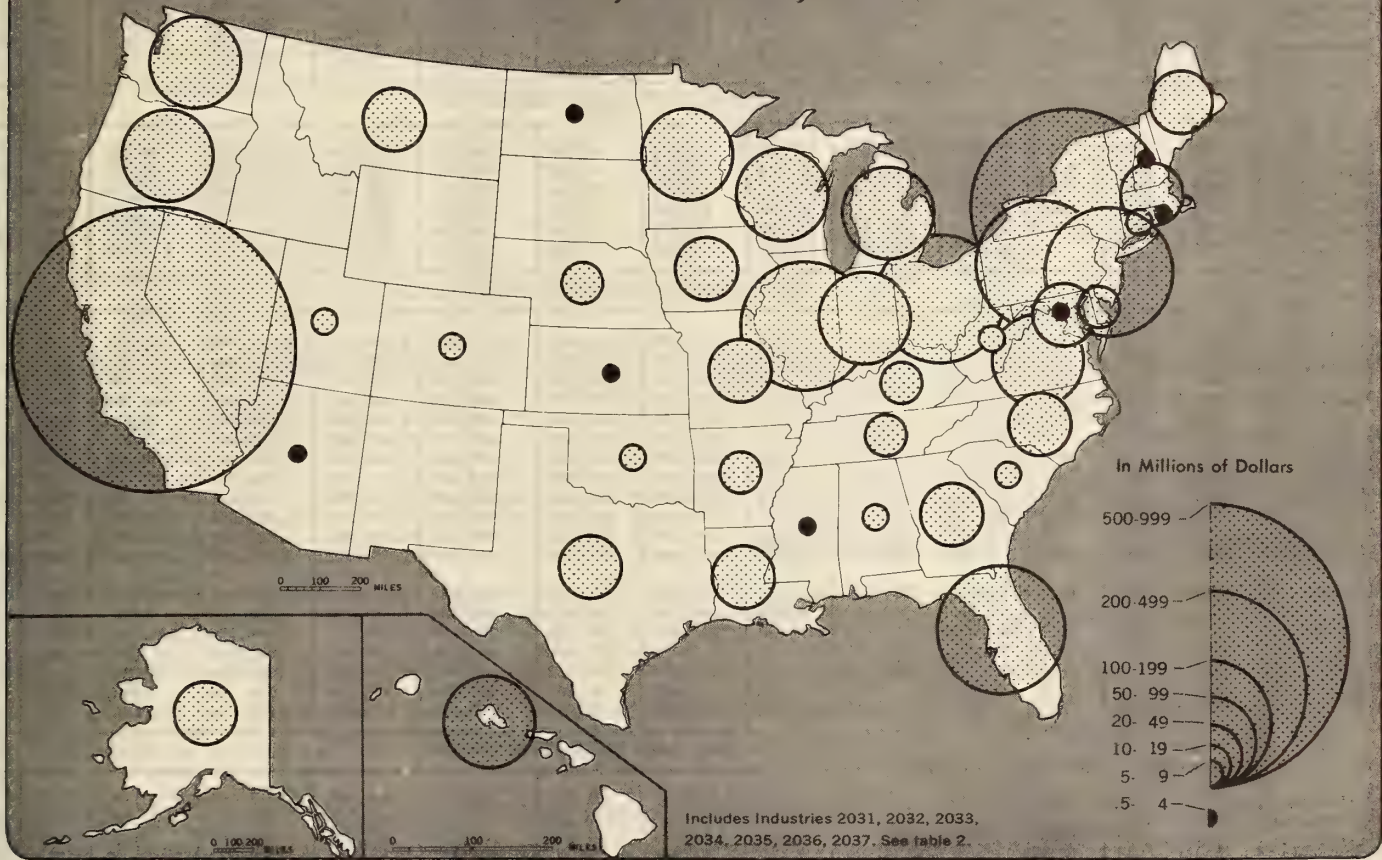
This industry comprises establishments primarily engaged in quick freezing and cold packing (freezing) fruits, fruit juices, vegetables, and specialties. For a detailed list of products to industry 2037, refer to table 6A, product codes 2035135 to 2037000.

Excluded from this industry, in 1963 and earlier years, are establishments primarily engaged in packing fruits and vegetables for freezing but not freezing the product; cold storage warehouses freezing foods for others, frozen food locker and other establishments freezing for individual consumers or farms and ranches producing frozen fruits and vegetables. Establishments primarily freezing meats and poultry are included in Industry Group 201, Meat Products.

The specialization and coverage ratios for industry 2037 over 87 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 252 in 1963 from the 1958 level of 162. The unit value index for 1963 was 109 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

CANNED AND FROZEN FOODS: SIC 203 Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Companies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio (per cent)	Coverage ratio (per cent)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2031.—CANNED AND CURED SEAFOODS														
1963 ¹	345	405	196	17,271	66,231	15,453	25,522	52,609	174,634	277,754	452,454	6,296	92	95
1962 ²	(NA)	(NA)	(NA)	16,461	61,940	14,849	25,056	48,437	157,354	274,928	428,906	8,992	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	16,512	59,113	14,979	24,683	46,865	146,607	257,824	401,734	7,806	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	17,194	61,458	15,419	26,046	50,142	142,793	260,973	400,856	6,814	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	15,395	51,909	13,947	23,262	41,437	119,310	236,382	352,476	7,720	(NA)	(NA)
1958.....	303	411	210	17,146	58,057	15,411	25,079	47,498	130,648	258,069	388,642	3,546	95	93
1954.....	(NA)	329	174	16,857	42,771	15,550	23,798	34,833	105,289	220,061	304,798	2,729	96	94
1947.....	(NA)	254	(NA)	20,153	37,207	18,929	(NA)	31,755	96,807	129,712	226,519	5,206	91	96
1939.....	(NA)	214	(NA)	16,928	9,284	15,735	(NA)	7,228	25,434	40,022	65,456	(NA)	(NA)	(NA)
1937.....	(NA)	217	(NA)	(NA)	(NA)	16,358	(NA)	7,117	24,595	38,973	63,568	(NA)	(NA)	(NA)
INDUSTRY 2032.—CANNED SPECIALTIES														
1963.....	154	173	77	25,156	127,168	20,378	40,691	92,340	540,835	627,494	1,169,299	25,582	80	91
1962 ²	(NA)	(NA)	(NA)	25,270	126,752	20,312	40,432	90,648	473,030	612,205	1,085,812	23,775	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	25,114	123,446	20,182	40,672	87,768	469,797	588,945	1,057,896	20,110	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	25,066	116,116	20,296	40,156	83,292	428,666	560,860	989,191	14,158	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	24,403	108,543	19,733	39,409	79,718	346,608	513,955	861,439	17,315	(NA)	(NA)
1958 ³	93	107	69	24,186	109,479	19,496	41,562	81,397	340,847	507,011	846,881	16,492	86	83
INDUSTRY 2033.—CANNED FRUITS AND VEGETABLES														
1963.....	1,135	1,430	836	102,388	382,057	90,749	169,188	303,485	1,029,467	1,707,279	2,742,787	66,574	89	91
1962 ²	(NA)	(NA)	(NA)	(104,063)	(385,924)	(93,416)	(184,037)	(304,771)	(970,983)	(1,676,758)	(2,626,456)	(72,847)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(106,610)	(373,686)	(95,742)	(183,207)	(290,497)	(1,000,109)	(1,630,843)	(2,626,097)	(54,680)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	103,719	359,712	92,754	181,222	282,630	988,225	1,548,772	2,515,927	46,331	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	107,021	354,943	95,557	183,583	282,133	888,633	1,456,665	2,335,463	43,527	(NA)	(NA)
1958 (new) ⁴ ...	1,315	1,630	923	108,414	340,299	95,821	180,383	269,889	849,879	1,485,648	2,333,885	43,713	89	91
1958 (old) ⁴ ...	(NA)	1,675	976	131,803	445,704	114,453	221,098	347,084	1,171,125	1,956,863	3,129,359	57,801	90	95
1957 ²	(NA)	(NA)	(NA)	134,547	413,836	109,839	210,899	317,208	965,267	(NA)	2,554,955	70,010	90	95
1956 ²	(NA)	(NA)	(NA)	131,230	424,756	115,769	223,640	335,142	1,123,670	1,711,870	2,513,148	(S)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	127,222	378,436	112,120	213,410	295,078	884,985	1,533,376	2,256,851	45,543	(NA)	(NA)
1954.....	1,461	1,758	998	119,836	354,746	105,613	206,076	276,063	850,114	1,398,928	2,228,947	49,916	90	94
1953 ²	(NA)	(NA)	(NA)	134,188	367,871	118,883	221,986	290,057	876,799	1,450,561	2,327,360	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	134,102	364,909	117,732	221,732	283,723	850,439	1,421,471	2,271,910	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	140,586	368,680	125,483	244,739	296,613	779,084	1,487,434	2,266,528	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	130,983	311,512	115,120	216,373	240,743	785,619	1,194,157	1,979,776	(NA)	(NA)	(NA)
1949 ²	(NA)	(NA)	(NA)	133,086	292,470	118,331	214,763	228,601	619,752	1,083,999	1,703,751	(NA)	(NA)	(NA)
1947.....	(NA)	2,265	(NA)	135,851	283,859	121,921	243,454	230,883	608,768	1,031,986	1,640,754	77,888	91	94
1939 ⁵	(NA)	1,899	(NA)	(NA)	(NA)	93,603	(NA)	62,867	227,399	339,056	566,455	(NA)	(NA)	(NA)
1937 ^{5 6}	(NA)	2,359	(NA)	(NA)	(NA)	123,961	(NA)	81,970	251,245	419,951	671,196	(NA)	(NA)	(NA)
INDUSTRY 2034.—DEHYDRATED FOODS PRODUCTS														
1963.....	126	176	80	9,152	41,650	7,843	15,333	31,243	115,795	208,934	731,660	16,199	96	89
1962 ²	(NA)	(NA)	(NA)	(9,223)	(41,218)	(7,904)	(14,850)	(30,288)	(125,313)	(208,793)	(732,011)	(9,780)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	9,325	38,352	8,115	15,163	29,237	103,805	208,067	730,414	7,172	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	8,620	36,189	7,417	14,758	27,026	97,851	200,625	728,732	7,991	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	7,978	30,858	6,842	13,193	23,217	79,420	186,684	726,886	7,798	(NA)	(NA)
1958.....	130	161	67	7,599	28,338	6,638	12,781	21,791	75,529	188,220	727,286	6,686	97	93
1954.....	119	148	64	7,011	22,026	6,102	11,678	16,477	56,039	139,182	719,524	3,421	95	97
1947.....	120	146	(NA)	3,976	8,145	3,662	7,318	6,834	18,155	32,924	751,079	1,750	96	90
INDUSTRY 2035.—PICKLES, SAUCES, SALAD DRESSINGS														
1963.....	541	588	184	19,041	83,713	15,426	29,891	58,295	249,397	427,641	677,268	10,967	79	82
1962 ²	(NA)	(NA)	(NA)	21,457	93,207	17,515	33,677	68,205	243,220	448,499	695,933	13,327	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	21,794	92,430	17,409	33,987	63,389	237,704	453,881	694,345	12,618	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	21,850	89,695	16,993	32,676	58,992	221,031	403,588	630,244	13,732	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	19,428	77,119	15,154	29,249	51,523	181,431	377,992	564,400	13,096	(NA)	(NA)
1958 (new) ⁴ ...	566	619	205	19,500	70,494	15,623	29,792	48,511	164,624	361,454	525,309	11,197	81	82
1958 (old) ⁴ ...	(NA)	705	235	22,952	83,955	18,158	36,178	59,014	203,238	444,590	645,692	14,760	79	73
1957 ²	(NA)	(NA)	(NA)	23,166	79,850	19,081	38,391	58,179	179,757	(NA)	571,703	14,897	80	75
1956 ²	(NA)	(NA)	(NA)	22,425	75,868	18,418	37,085	54,842	174,660	(NA)	(NA)	9,223	(NA)	(NA)
1954.....	642	717	(NA)	21,895	67,084	18,230	35,977	47,594	143,056	357,790	503,088	7,579	80	75
1953 ²	(NA)	(NA)	(NA)	23,223	72,629	18,695	37,692	49,135	155,163	365,976	521,139	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	20,325	55,798	16,588	33,501	41,014	117,853	275,670	393,523	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	23,110	55,668	18,194	34,898	40,496	122,864	321,978	444,842	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	23,843	48,519	18,854	30,506	36,911	126,982	246,894	373,876	(NA)	(NA)	(NA)
1947.....	637	742	(NA)	21,335	47,177	18,226	(NA)	35,216	121,129	236,731	357,860	11,445	84	69
1939 ⁸	(NA)	511	(NA)	15,705	15,931	12,464	(NA)	9,827	41,087	80,492	121,579	(NA)	(NA)	(NA)
1937 ^{6 8}	(NA)	392	(NA)	(NA)	(NA)	11,140	(NA)	9,336	35,868	73,723	109,591	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2036.—FRESH OR FROZEN PACKAGED FISH														
1963.....	528	547	255	20,066	56,471	17,936	32,147	44,619	118,451	272,746	391,174	6,095	95	94
1962 ²	(NA)	(NA)	(NA)	16,040	45,259	14,457	26,542	34,977	101,288	234,479	344,542	9,989	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	17,068	44,060	15,176	28,260	33,817	104,100	218,026	331,243	3,423	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	18,791	45,121	16,926	32,578	34,748	100,297	219,903	328,325	4,039	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	17,983	42,722	15,887	30,236	32,816	89,729	225,234	316,955	6,927	(NA)	(NA)
1958.....	429	446	226	17,613	41,432	15,580	26,178	32,339	83,504	226,897	310,095	3,673	93	96
1956 ²	(NA)	(NA)	(NA)	11,892	23,589	10,510	16,226	17,356	43,853	(NA)	(NA)	2,435	(NA)	(NA)
1954 ⁹	288	295	135	12,200	27,190	11,232	18,779	21,549	48,729	129,502	176,766	2,813	94	95
INDUSTRY 2037.—FROZEN FRUITS AND VEGETABLES														
1963.....	566	650	346	51,750	202,398	44,689	86,664	154,406	550,231	999,531	1,548,663	44,569	89	89
1962 ²	(NA)	(NA)	(NA)	45,399	175,122	38,563	77,396	132,996	428,801	897,922	1,323,731	40,099	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	45,144	164,721	38,844	77,057	126,287	403,044	879,415	1,274,645	28,357	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	43,810	154,533	37,787	75,767	119,869	401,988	801,913	1,206,571	28,676	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	41,924	140,836	36,027	71,272	107,307	345,983	762,989	1,111,831	23,094	(NA)	(NA)
1958 (new).....	347	426	263	39,528	126,804	34,138	66,278	96,858	323,789	702,940	1,025,877	20,952	87	91
1958 (old).....	(NA)	303	178	26,288	83,352	22,646	43,640	63,278	219,321	472,062	690,100	11,280	79	86
1954.....	215	266	(NA)	21,436	59,238	18,638	36,104	45,879	170,859	284,805	436,454	9,265	88	84
1953 ²	(NA)	(NA)	(NA)	25,225	65,964	22,501	44,684	53,565	149,137	282,851	431,988	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	20,593	39,460	18,066	30,506	31,484	89,153	138,681	227,834	(NA)	(NA)	(NA)
1947.....	(NA)	291	(NA)	17,363	31,542	15,770	(NA)	25,833	59,377	95,699	155,076	9,166	89	84
1939 ¹⁰	(NA)	61	(NA)	(NA)	(NA)	3,334	(NA)	1,899	4,625	8,423	13,048	(NA)	(NA)	(NA)
1937.....	(NA)	21	(NA)	(NA)	(NA)	1,963	(NA)	1,332	3,253	4,888	8,141	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1955-1963, figures represent the average number of production workers on payroll during the period ending nearest the 15th of March, May, August, and November, plus all other employees for the payroll period ending nearest the 15th of March; for 1949-1954, they represent an average of all employees for the payroll ending nearest the 15th of March, May, August, and November: (However for Industries to 2031, 2032, 2033, 2035, 2036, and 2037 the 1954 figure for all employees is the average of the 12 monthly figures and the figure for production workers was calculated by subtracting from the all employee total the average number of nonproduction employees for March, May, August, and November); for 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1949-1953 and 1955-1963 figures are based on employment for payroll period ending nearest the 15th of March, May, August, and November, for 1954 they are the average of the twelve months and for 1947 and prior years, they represent the average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of production:** Value of production for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Note: See appendix A for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of production:** Value of production for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: 2031, Canned Seafood and 2032, Cured Fish. The data for 1957 and earlier years for these two industries have been combined.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³Separate information prior to 1958 is not available. A revision in the Standard Industrial Classification Manual introduced in 1957 created industry 2032, Canned Specialties. Most establishments classified in this industry in 1958 were classified in industry 2033, Canned Fruits and Vegetables.

⁴A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The description of the changes are included in the Canned and Frozen Foods section 20C of the 1958 Census of Manufactures, Volume II, Industry Statistics, Part I.

⁵The figures for 1939 and 1937 were obtained by combining the figures for industries formerly designated "Canned and dried fruits and vegetables", and "Preserves, jams and jellies." The figures for 1939 are not entirely comparable with those for 1937. Value added by manufacture for 1939 on a basis comparable with 1937 was \$242.4 million.

⁶Prior to 1937, "Canning and preserving, except fish," "Pickles and sauces," and "Frozen foods" constituted one industry. Separate figures are therefore not available.

⁷Figures relate to value of shipments rather than value of production.

⁸The figures for 1939 and 1937 were obtained by combining the figures for the former industries "Pickled fruits and vegetables, etc.," and "Salad dressings".

⁹Prior to 1954 many establishments classified in industry 2036, were classified in wholesale trade SIC 5049 and included in the census of business. Figures for years prior to 1954 are not available.

¹⁰The originally published figures for 1939 have been revised to include statistics for 25 establishments primarily engaged in cold-packing fruits and vegetables. Value added for 1939 before revisions and on a basis comparable to 1937 was \$3.9 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of production	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2031.—CANNED AND CURED SEAFOODS													
Total.....	405	196	17,271	66,231	15,453	25,522	52,609	174,634	277,754	452,454	6,296	17,146	130,648
Northeast and North Central.....	129	61	3,844	14,978	3,412	6,062	11,336	34,546	58,380	92,964	2,063	3,730	24,809
Maine.....	40	29	1,378	4,225	1,270	2,248	3,486	10,033	11,778	21,796	557	1,718	10,041
Massachusetts.....	11	5	313	967	277	433	729	2,255	3,817	6,096	(D)	137	927
New York.....	27	11	695	3,838	574	1,154	2,619	9,762	23,628	33,395	161	628	5,420
New Jersey.....	14	8	852	3,227	802	1,281	2,723	7,486	6,801	14,323	210	(²)	(²)
Illinois.....	11	4	298	1,280	235	451	805	2,237	5,396	7,622	(D)	266	1,622
South.....	98	57	4,168	10,490	3,760	6,184	8,779	20,119	32,782	52,942	(D)	(²)	(²)
North Carolina.....	6	2	144	265	136	211	252	499	543	1,042	23	(²)	(²)
South Carolina.....	5	4	224	648	196	280	429	1,033	531	1,563	30	(²)	(²)
Florida.....	11	5	212	558	187	285	460	1,038	1,740	2,775	63	(²)	(²)
Mississippi.....	11	7	420	1,012	373	590	804	2,183	4,811	7,015	43	344	1,440
Louisiana.....	30	16	1,256	2,770	1,069	1,661	2,113	6,476	11,923	18,390	342	1,120	3,568
Pacific.....	178	78	9,259	40,763	8,281	13,276	32,494	119,969	186,592	306,548	(D)	(²)	(²)
Oregon.....	12	6	727	2,480	687	1,150	2,191	12,624	18,398	31,022	102	692	8,460
California.....	24	15	5,177	21,853	4,540	6,600	16,186	64,862	108,685	173,538	1,369	5,703	44,951
Alaska.....	70	35	2,054	11,884	1,867	3,806	10,365	31,717	37,927	69,649	1,157	(²)	(²)
INDUSTRY 2032.—CANNED SPECIALTIES													
Total.....	173	77	25,156	127,168	20,378	40,691	92,340	540,835	627,494	1,169,299	25,582	24,186	340,847
New England.....	9	5	669	2,609	483	916	1,781	7,360	8,848	16,209	135	830	8,094
Middle Atlantic.....	36	19	9,646	50,428	8,156	16,222	39,715	201,188	230,017	432,070	5,534	9,553	126,036
East North Central..	37	21	7,854	41,858	6,078	12,366	27,965	206,790	230,933	437,700	5,134	8,397	126,849
Indiana.....	5	4	1,751	7,855	1,279	2,955	4,330	38,317	50,036	88,409	607	1,668	13,254
West North Central..	8	5	1,541	6,214	1,184	2,449	3,732	21,209	26,387	47,596	594	1,082	9,154
South.....	41	16	2,068	6,982	1,717	3,398	4,984	25,818	43,095	68,941	11,629	1,197	10,286
Florida.....	6	1	103	256	48	80	141	376	1,321	1,716	36	(²)	(²)
Texas.....	19	6	459	1,619	373	831	1,128	5,117	8,829	13,952	(D)	392	3,183
Mountain.....	9	1	56	193	45	92	150	340	492	833	(D)	3,127	60,428
Pacific.....	33	10	3,322	18,884	2,715	5,248	14,013	78,130	87,722	165,950	(D)		
California.....	30	10	3,320	18,876	2,713	5,244	14,005	78,094	87,689	165,881	2,532	3,051	60,085
INDUSTRY 2033.—CANNED FRUITS AND VEGETABLES													
Total.....	1,430	836	102,388	382,057	90,749	169,188	303,485	1,029,467	1,707,279	2,742,787	66,574	108,414	849,879
New England.....	64	23	1,827	6,946	1,306	2,504	3,850	17,306	31,305	48,611	815	1,803	12,208
Maine.....	23	11	666	1,500	583	938	1,151	4,195	7,038	11,234	181	809	2,869
Massachusetts.....	23	9	937	4,659	539	1,172	2,108	11,356	20,275	31,613	553	(²)	(²)
Middle Atlantic.....	239	131	13,728	51,312	12,050	24,748	39,689	143,103	265,940	409,680	10,496	16,561	140,647
New York.....	132	75	6,976	27,144	6,167	13,335	21,374	66,399	134,173	200,794	5,681	8,143	57,511
New Jersey.....	43	24	2,504	9,812	2,123	4,001	7,195	27,593	57,449	85,062	1,276	2,645	19,895
Pennsylvania.....	64	32	4,248	14,356	3,760	7,412	11,120	49,111	74,318	123,824	3,539	5,773	63,241
East North Central..	353	215	19,051	67,802	16,832	33,357	52,843	179,010	320,655	502,686	10,963	19,543	142,897
Ohio.....	71	28	2,334	8,902	1,977	4,105	6,744	29,828	53,768	85,164	1,569	2,364	17,783
Indiana.....	64	36	3,389	10,312	3,039	5,199	8,410	22,399	53,386	75,697	1,020	2,901	18,002
Illinois.....	50	30	3,036	12,162	2,695	5,504	9,671	40,811	61,165	101,955	1,400	3,414	35,594
Michigan.....	66	39	3,220	11,429	2,752	5,446	8,292	23,425	65,064	90,094	2,215	3,219	22,753
Wisconsin.....	102	82	7,072	24,997	6,369	13,103	19,726	62,547	87,272	149,776	4,759	7,645	48,765
West North Central..	51	29	3,471	11,928	3,097	5,928	9,536	39,428	49,491	89,515	5,265	3,280	26,926
Minnesota.....	27	22	2,613	8,952	2,369	4,541	7,217	28,847	37,930	66,776	(D)	2,485	22,509
Iowa.....	9	5	639	2,253	562	1,060	1,814	8,859	8,248	17,704	(D)	634	3,357
South Atlantic.....	277	166	16,084	45,310	14,211	25,588	36,212	125,694	212,728	339,711	(D)	(²)	(²)
Maryland.....	79	55	3,968	9,071	3,394	5,016	6,869	17,210	34,674	52,159	1,054	(²)	(²)
Virginia.....	46	24	2,067	6,103	1,805	3,128	4,521	13,379	20,927	34,268	597	(²)	(²)
North Carolina.....	15	6	394	892	342	519	559	2,100	3,196	5,296	267	(²)	(²)
South Carolina.....	12	7	445	581	409	404	474	1,644	2,933	4,726	89	205	915
Georgia.....	21	13	1,044	2,825	899	1,784	2,226	6,801	13,030	19,842	398	1,408	7,014
Florida.....	79	41	6,161	20,643	5,515	11,452	17,109	70,364	116,590	187,847	6,185	(²)	(²)
East South Central..	20	13	1,558	5,061	1,316	2,549	3,569	12,747	26,604	39,217	(D)	(²)	(²)
Tennessee.....	13	8	855	2,615	711	1,391	1,873	5,638	13,408	19,045	282	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of production	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2033.—CANNED FRUITS AND VEGETABLES—Continued													
West South Central..	88	53	5,386	15,436	4,745	8,186	11,263	41,116	72,445	113,907	(D)	(²)	(²)
Arkansas.....	15	10	1,123	2,973	1,040	1,648	2,342	6,766	17,371	24,468	655	1,726	6,127
Louisiana.....	18	13	1,603	4,484	1,420	2,152	3,101	13,357	18,316	31,691	416	(²)	(²)
Oklahoma.....	12	9	573	1,504	481	702	1,036	2,665	8,299	10,963	(D)	(²)	(²)
Texas.....	43	21	2,087	6,475	1,804	3,684	4,784	18,328	28,459	46,785	464	2,265	15,490
Mountain.....	47	25	1,996	6,816	1,768	3,754	5,480	16,997	26,498	43,597	597	2,651	13,985
Idaho.....	7	5	548	1,619	490	875	1,330	5,821	6,862	12,683	115	880	4,572
Colorado.....	14	8	852	2,788	759	1,626	2,274	4,416	9,806	14,310	173	906	4,406
Utah.....	16	9	477	1,978	414	1,005	1,505	5,688	8,147	13,838	83	(²)	(²)
Pacific.....	291	181	39,287	171,446	35,424	62,574	141,043	454,066	701,613	1,155,863	26,732	41,229	388,635
Washington.....	36	24	3,144	13,036	2,891	5,471	10,853	36,985	55,396	91,638	1,567	2,987	32,344
Oregon.....	42	27	3,814	14,850	3,477	6,030	12,428	34,454	45,278	79,604	1,461	3,871	31,471
California.....	192	123	25,060	121,288	22,333	40,746	99,656	321,616	533,616	856,002	22,021	26,041	283,247
INDUSTRY 2034.—DEHYDRATED FOODS PRODUCTS													
Total.....	176	80	9,152	41,650	7,843	15,333	31,243	115,795	208,934	³ 318,660	16,199	7,599	75,529
North and North Central.....	28	9	1,106	5,266	935	1,797	3,702	27,279	24,691	³ 50,820	1,250	824	15,862
South.....	7	4	273	826	241	521	637	1,446	3,190	³ 5,605	263	6,775	59,667
West.....	141	67	7,773	35,558	6,667	13,015	26,904	87,070	181,053	³ 262,235	14,686		414
Washington.....	8	6	377	1,512	350	757	1,297	3,414	6,100	³ 9,099	79		
California.....	120	56	6,360	28,725	5,490	10,503	22,494	67,018	160,654	³ 222,869	12,496	5,562	48,355
INDUSTRY 2035.—PICKLES, SAUCES, SALAD DRESSINGS													
Total.....	588	184	19,041	83,713	15,426	29,891	58,295	249,397	427,641	677,268	10,967	19,500	164,624
New England.....	19	6	415	1,579	348	688	1,213	10,120	9,457	19,656	161	586	5,333
Middle Atlantic.....	109	29	2,860	14,167	2,312	4,551	10,583	61,093	86,386	147,433	1,383	3,420	43,170
New York.....	61	13	1,272	5,998	994	1,930	4,260	24,468	27,825	52,373	436	1,815	23,559
New Jersey.....	24	8	983	5,554	836	1,692	4,508	25,540	46,513	72,048	766	1,073	16,287
Pennsylvania.....	24	8	605	2,615	482	929	1,815	11,085	12,048	23,012	181	532	3,324
East North Central..	156	61	5,918	25,270	4,940	9,307	17,759	61,527	107,515	169,158	4,591	5,455	40,599
Ohio.....	31	7	829	3,414	658	1,166	2,132	8,009	10,260	18,452	195	(²)	(²)
Indiana.....	11	7	923	4,149	714	1,367	2,789	11,358	25,087	36,326	239	(²)	(²)
Illinois.....	40	12	971	5,771	750	1,606	3,988	10,072	32,757	43,337	2,604	1,327	11,624
Michigan.....	50	20	2,096	7,593	1,866	3,427	5,930	24,684	27,530	52,054	1,229	1,767	10,670
Wisconsin.....	24	15	1,099	4,343	952	1,741	2,920	7,404	11,881	18,989	324	1,095	6,901
West North Central..	47	9	710	3,172	499	987	1,760	16,168	14,385	30,734	354	873	7,213
Missouri.....	15	5	360	1,805	236	453	993	13,209	9,884	23,293	208	367	3,626
South Atlantic.....	64	25	3,136	10,906	2,612	4,891	7,585	24,277	60,306	84,555	1,460	3,093	18,753
Delaware.....	3	3	124	353	109	193	271	406	971	1,378	45	(²)	(²)
Maryland.....	15	6	650	2,513	511	1,090	1,616	4,564	11,282	15,947	277	574	4,022
Virginia.....	7	3	128	455	101	247	315	925	2,362	3,287	(D)	237	1,611
North Carolina....	9	4	629	2,421	525	944	1,579	5,406	6,999	12,335	225	484	3,194
Georgia.....	13	5	1,293	4,049	1,131	1,982	3,059	7,993	30,424	38,356	771	1,310	6,062
East South Central..	17	9	891	3,484	659	1,461	2,073	10,608	13,869	24,468	304	838	5,618
Alabama.....	6	4	275	848	192	420	545	2,043	5,326	7,376	217	172	825
West South Central..	53	17	1,854	7,156	1,517	3,140	5,298	14,104	41,704	55,870	1,048	1,914	12,185
Texas.....	33	10	1,043	4,308	884	1,871	3,458	7,108	30,540	37,623	953	940	5,135
Mountain.....	15	2	236	888	201	430	690	2,380	3,086	5,372	69	264	2,128
Pacific.....	108	26	3,021	17,091	2,338	4,436	11,334	49,120	90,933	140,022	1,597	3,057	29,625
Washington.....	13	2	298	1,443	272	481	1,197	6,642	11,079	17,708	194	(²)	(²)
California.....	74	23	2,554	14,861	1,951	3,745	9,707	41,301	77,426	118,671	1,339	2,553	24,825
INDUSTRY 2036.—FRESH OR FROZEN PACKAGED FISH													
Total.....	547	255	20,066	56,471	17,936	32,147	44,619	118,451	272,746	391,174	6,095	17,613	83,504
New England.....	77	37	3,338	13,403	2,911	5,730	10,110	27,331	63,689	91,016	1,208	3,362	22,020
Massachusetts.....	56	28	2,597	11,073	2,247	4,433	8,164	24,101	59,301	83,398	1,046	2,709	17,863

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of production	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2036.—FRESH OR FROZEN PACKAGED FISH—Continued													
Middle Atlantic.....	45	13	1,022	3,808	860	1,644	2,642	13,351	21,262	34,663	663	1,276	8,323
New York.....	25	5	298	1,332	244	490	910	5,005	7,519	12,507	229	325	2,080
New Jersey.....	12	4	322	740	293	443	645	1,288	2,558	3,853	248	504	2,023
Pennsylvania.....	8	4	402	1,736	323	711	1,087	7,058	11,185	18,303	186	447	4,220
North Central.....	18	7	457	1,800	376	742	1,226	4,984	17,726	22,710	274	330	2,245
South Atlantic.....	249	127	9,261	18,875	8,411	14,668	15,246	38,549	76,206	114,693	2,008	8,426	27,169
Maryland.....	69	39	1,918	3,262	1,741	2,793	2,747	6,962	13,316	20,281	423	1,804	5,154
Virginia.....	89	47	2,193	4,402	1,986	3,355	3,558	7,663	14,770	22,428	406	2,579	8,362
North Carolina....	19	6	437	736	409	738	677	1,236	1,779	3,016	90	180	381
Georgia.....	14	10	2,189	4,814	2,028	3,691	3,792	11,704	22,833	34,517	609	1,977	6,553
Florida.....	48	21	2,301	5,273	2,058	3,775	4,194	9,972	22,062	32,014	445	1,702	6,252
East South Central..	10	6	258	643	215	377	522	1,356	3,534	4,890	77	210	906
Alabama.....	5	4	158	468	146	288	393	973	3,247	4,220	69	(2)	(2)
West South Central..	52	25	2,804	5,726	2,568	4,400	4,709	10,225	39,596	49,808	483	2,039	8,683
Louisiana.....	26	10	858	1,534	786	1,222	1,263	2,460	6,097	8,555	159	467	1,576
Texas.....	26	15	1,946	4,192	1,782	3,178	3,446	7,765	33,499	41,253	324	1,572	7,107
West.....	96	40	2,926	12,216	2,595	4,586	10,164	22,655	50,733	73,394	1,382	1,970	14,158
Washington.....	29	14	1,112	6,533	969	1,946	5,411	11,306	28,891	40,193	663	867	7,630
Oregon.....	18	9	580	1,483	533	722	1,305	2,311	3,604	5,916	104	414	951
California.....	34	12	1,004	3,294	883	1,570	2,680	7,221	15,376	22,605	386	545	4,441
INDUSTRY 2037.—FROZEN FRUITS AND VEGETABLES													
Total.....	650	346	51,750	202,398	44,689	86,664	154,406	550,231	999,531	1,548,663	44,569	39,528	323,789
New England.....	30	13	2,428	8,080	2,249	4,216	6,878	18,886	28,560	47,487	1,472	1,351	8,742
Maine.....	11	9	2,096	6,580	1,979	3,676	5,853	14,635	21,314	35,988	1,269	1,021	6,817
Middle Atlantic.....	115	56	6,204	25,053	5,250	10,439	18,325	72,789	90,157	162,121	4,274	4,464	34,015
New Jersey.....	58	28	2,994	11,541	2,611	5,229	8,241	37,563	48,337	84,832	1,790	1,925	14,829
East North Central..	112	44	4,867	22,576	3,753	7,824	14,262	69,237	79,465	148,546	16,882	1,292	9,056
Ohio.....	21	9	1,074	5,455	758	1,601	3,038	22,809	17,368	40,266	617	(2)	(2)
Illinois.....	43	16	2,440	12,449	1,866	3,830	7,879	35,028	41,319	76,421	(D)	361	2,715
Wisconsin.....	11	2	157	555	136	426	371	1,231	1,574	2,805	1,102	(2)	(2)
West North Central..	41	20	5,263	19,485	4,706	9,652	15,737	48,320	128,480	176,877	2,179	4,282	29,008
Minnesota.....	11	6	1,672	5,706	1,545	3,073	4,892	11,980	21,208	33,240	1,161	970	8,340
South Atlantic.....	81	53	10,269	38,284	8,704	17,878	28,790	150,239	330,131	480,153	9,274	9,757	106,287
Delaware.....	6	4	558	1,791	496	973	1,406	3,816	5,304	9,211	305	457	2,516
Maryland.....	7	7	1,312	4,564	1,176	2,380	3,589	11,711	21,465	33,147	1,018	1,777	11,571
Florida.....	40	30	5,267	21,256	4,244	9,312	15,326	94,035	241,835	335,591	6,852	5,547	72,671
East South Central..	19	13	1,477	4,095	1,290	2,368	3,057	8,052	18,407	26,455	525	1,315	12,843
Kentucky.....	5	3	205	721	171	412	502	1,186	2,875	4,061	(D)	(2)	(2)
West South Central..	40	21	3,370	10,104	2,959	5,621	7,854	24,606	35,530	60,152	1,652	2,955	16,431
Louisiana.....	4	3	342	839	304	537	662	2,020	3,488	5,508	283	(2)	(2)
Texas.....	17	9	1,497	4,631	1,269	2,637	3,392	10,702	12,968	23,676	(D)	(2)	(2)
Mountain.....	32	14	2,866	10,903	2,554	5,135	8,909	21,473	32,871	54,313	1,318	1,729	11,998
Idaho.....	15	10	2,579	9,811	2,314	4,668	8,074	19,710	29,536	49,230	1,232	1,467	11,388
Pacific.....	180	112	15,006	63,818	13,224	23,531	50,594	136,629	255,930	392,559	6,993	12,383	95,409
Oregon.....	35	22	3,932	16,535	3,521	6,585	13,221	33,829	61,041	94,872	2,660	2,696	22,798
California.....	101	61	8,144	34,171	7,117	11,904	26,702	76,423	141,521	218,433	2,551	7,751	53,674

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2—20C—Continued

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2031, Canned and Cured Seafoods: New England—Connecticut, 1 (1-19); Middle Atlantic—Pennsylvania, 1 (20-99); East North Central—Ohio, 4 (1-19); Michigan, 7 (20-99); Wisconsin, 6 (20-99); West North Central—Minnesota, 4 (20-99); Iowa, 1 (1-19); South Dakota, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (100-249); Maryland, 12 (1,018); Virginia, 16 (561); Georgia, 1 (20-99); East South Central—Alabama, 1 (20-99); West South Central—Texas, 4 (20-99); Pacific—Washington, 67 (1,174); Hawaii, 5 (100-249).

SIC 2032, Canned Specialties: New England—Maine, 2 (250-499); New Hampshire, 1 (20-99); Massachusetts, 3 (100-249); Rhode Island, 1 (1-19); Connecticut, 2 (1-19); Middle Atlantic—New York, 18 (2,741); New Jersey, 8 (3,898); Pennsylvania, 10 (3,007); East North Central—Ohio, 7 (1,905); Illinois, 19 (3,295); Michigan, 6 (903); West North Central—Minnesota, 1 (500-999); Iowa, 2 (250-499); Missouri, 1 (1-19); Nebraska, 1 (250-499); Kansas, 3 (181); South Atlantic—Delaware, 1 (20-99); Maryland, 3 (126); North Carolina, 2 (250-499); East South Central—Kentucky, 1 (20-99); Tennessee, 3 (250-499); West South Central—Arkansas, 1 (100-249); Louisiana, 2 (20-99); Oklahoma, 3 (100-249); Mountain—Idaho, 1 (1-19); Colorado, 2 (1-19); Arizona, 5 (20-99); Utah, 1 (1-19); Pacific—Hawaii, 3 (1-19).

SIC 2033, Canned Fruits and Vegetables: New England—New Hampshire, 3 (20-99); Vermont, 1 (1-19); Rhode Island, 5 (1-19); Connecticut, 9 (117); West North Central—Missouri, 11 (20-99); North Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 2 (20-99); South Atlantic—Delaware, 17 (1,405); West Virginia, 8 (600); East South Central—Kentucky, 2 (100-249); Alabama, 4 (250-499); Mississippi, 1 (1-19); Mountain—Montana, 5 (20-99); Wyoming, 1 (20-99); Arizona, 4 (20-99); Pacific—Alaska, 1 (1-19); Hawaii, 20 (5,000-9,999).

SIC 2034, Dehydrated Foods Products: New England—Massachusetts, 1 (1-19); Middle Atlantic—New York, 13 (497); New Jersey, 1 (1-19); Pennsylvania, 1 (20-99); East North Central—Indiana, 1 (1-19); Illinois, 4 (338); Michigan, 2 (1-19); West North Central—Minnesota, 2 (1-19); North Dakota, 3 (100-249); South Atlantic—North Carolina, 2 (20-99); Georgia, 1 (100-249); Florida, 1 (20-99); East South Central—Mississippi, 1 (1-19); West South Central—Louisiana, 1 (20-99); Texas, 1 (1-19); Mountain—Idaho, 7 (1,002); Colorado, 1 (1-19); Pacific—Oregon, 4 (20-99); Hawaii, 1 (1-19).

SIC 2035, Pickles, Sauces, Salad Dressings: New England—Maine, 2 (1-19); Massachusetts, 10 (299); Rhode Island, 1 (20-99); Connecticut, 6 (20-99); West North Central—Minnesota, 13 (247); Iowa, 10 (20-99); Nebraska, 4 (20-99); Kansas, 5 (1-19); South Atlantic—District of Columbia, 3 (20-99); West Virginia, 1 (1-19); South Carolina, 8 (154); Florida, 5 (20-99); East South Central—Kentucky, 4 (342); Tennessee, 5 (20-99); Mississippi, 2 (100-249); West South Central—Arkansas, 5 (250-499); Louisiana, 11 (483); Oklahoma, 4 (1-19); Mountain—Idaho, 1 (1-19); Colorado, 10 (169); Arizona, 3 (20-99); Utah, 1 (1-19); Pacific—Oregon, 8 (20-99); Hawaii, 13 (20-99).

SIC 2036, Fresh or Frozen Packaged Fish: New England—Maine, 12 (604); New Hampshire, 4 (20-99); Rhode Island, 5 (103); East North Central—Ohio, 5 (198); Illinois, 4 (20-99); Michigan, 1 (1-19); Wisconsin, 3 (20-99); West North Central—Minnesota, 2 (1-19); Missouri, 3 (144); South Atlantic—Delaware, 3 (20-99); South Carolina, 7 (100-249); East South Central—Kentucky, 2 (1-19); Mississippi, 3 (20-99); Mountain—Idaho, 1 (1-19); Pacific—Alaska, 13 (100-249); Hawaii, 1 (1-19).

SIC 2037, Frozen Fruits and Vegetables: New England—New Hampshire, 1 (1-19); Massachusetts, 14 (233); Connecticut, 4 (20-99); Middle Atlantic—New Jersey, 19 (1,000-2,499); Pennsylvania, 38 (1,000-2,499); East North Central—Indiana, 7 (100-249); Michigan, 30 (1,000-2,499); West North Central—Iowa, 6 (724); Missouri, 14 (1,813); North Dakota, 1 (1-19); South Dakota, 2 (1-19); Nebraska, 7 (1,029); South Atlantic—Virginia, 8 (2,080); West Virginia, 2 (20-99); North Carolina, 5 (240); South Carolina, 2 (1-19); Georgia, 11 (500-999); East South Central—Tennessee, 9 (1,011); Alabama, 3 (100-249); Mississippi, 2 (20-99); West South Central—Arkansas, 11 (1,204); Oklahoma, 8 (327); Mountain—Colorado, 6 (20-99); Arizona, 2 (100-249); Utah, 9 (20-99); Pacific—Washington, 41 (2,908); Alaska, 1 (1-19); Hawaii, 2 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

³Figure relates to value of shipments rather than value of production.

TABLE 3. Detailed Statistics: 1963

Item	Canned and cured seafoods (SIC 2031)	Canned specialties (SIC 2032)	Canned fruits and vegetables (SIC 2033)	Dehydrated foods products (SIC 2034)	Pickles, sauces, salad dressings (SIC 2035)	Fresh or frozen packaged fish (SIC 2036)	Frozen fruits and vegetables (SIC 2037)
Primary product specialization ratio ¹.....	.92	.80	.89	.96	.79	.95	.89
Coverage ratio ².....	.95	.91	.91	.89	.82	.94	.89
Establishments, total.....number..	405	173	1,430	176	588	547	650
With 1 to 19 employees.....do...	209	96	594	96	404	292	304
With 20 to 99 employees.....do...	166	38	547	57	128	215	194
With 100 employees or more.....do...	30	39	289	23	56	40	152
Proprietors and working partners.....do...	171	82	522	74	310	328	173
All employees (average for the year).....do...	³ 17,076	³ 25,196	³ 99,311	9,152	³ 18,080	³ 19,771	³ 50,262
Payroll (all employees), total for year.....\$1,000..	66,231	127,168	382,057	41,650	83,713	56,471	202,398
Production workers:							
Average for the year.....number..	³ 15,258	³ 20,418	³ 87,673	7,843	³ 14,465	³ 17,641	³ 43,193
January.....do...	12,924	19,372	50,716	(NA)	12,289	17,953	39,528
February.....do...	12,367	19,229	50,650	(NA)	12,455	17,931	38,527
March.....do...	12,462	18,903	51,687	6,316	12,522	17,875	40,668
April.....do...	13,298	18,805	57,140	(NA)	12,934	15,409	39,475
May.....do...	14,263	19,001	61,075	5,243	13,851	14,970	37,989
June.....do...	15,847	19,060	75,335	(NA)	15,219	15,440	41,822
July.....do...	21,298	22,133	110,755	(NA)	17,610	17,673	44,147
August.....do...	21,346	21,850	170,221	8,286	20,380	18,102	50,953
September.....do...	18,496	22,634	170,945	(NA)	17,731	18,055	51,627
October.....do...	14,688	22,649	113,579	(NA)	13,392	19,545	48,415
November.....do...	13,507	21,202	79,392	11,527	12,907	19,521	44,360
December.....do...	12,603	20,174	60,582	(NA)	12,292	19,219	40,805
Man-hours.....\$1,000..	25,522	40,691	169,188	15,333	29,891	32,147	86,664
January-March.....do...	5,043	9,624	23,428	2,775	5,924	7,779	19,568
April-June.....do...	5,813	9,395	30,629	2,654	7,276	6,803	19,971
July-September.....do...	9,174	10,955	75,470	4,367	9,326	8,563	24,628
October-December.....do...	5,492	10,717	39,661	5,537	7,365	9,002	22,497
Wages.....\$1,000..	52,609	92,340	303,485	31,243	58,295	44,619	154,406
Cost of materials, etc., total.....do...	277,754	627,494	1,707,279	208,934	427,641	272,746	999,531
Materials, parts, containers, and supplies consumed.....do...	228,843	566,792	1,599,256	200,256	402,825	242,367	917,718
Cost of resales.....do...	40,199	51,572	79,457	4,519	20,217	25,056	59,381
Fuels consumed.....do...	2,634	5,560	16,851	2,597	1,842	976	6,870
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	56	210	538	95	131	96	851
Cost.....\$1,000..	1,022	2,605	8,889	1,254	1,994	1,686	10,325
Generated less sold.....million kw.-hrs..	2	(D)	(D)	-	(D)	(D)	(D)
Contract work.....\$1,000..	5,056	965	2,826	308	763	2,661	5,237
Value of production (including resales), total.....do...	452,454	1,169,969	2,742,787	4318,660	677,268	391,174	1,548,663
Value of resales.....do...	44,778	89,064	84,107	5,637	29,175	29,165	70,839
Value added by manufacture, adjusted.....do...	174,634	540,835	1,029,467	115,795	249,397	118,451	550,231
Manufacturers' inventories:							
Beginning of year, total.....do...	95,578	233,239	986,985	87,939	107,527	49,664	298,814
Finished products.....do...	75,947	181,950	847,193	44,897	53,078	37,097	230,049
Work-in-process.....do...	1,780	3,296	43,611	19,610	14,592	600	18,092
Materials, supplies, fuel, etc.....do...	17,851	47,993	96,181	23,432	39,857	11,967	50,673
End of year, total.....do...	88,679	223,419	953,957	89,805	110,417	53,917	295,771
Finished products.....do...	70,394	173,088	813,080	50,794	55,098	42,405	222,597
Work-in-process.....do...	1,714	2,326	37,570	19,782	14,362	623	19,191
Materials, supplies, fuel, etc.....do...	16,571	48,005	103,307	19,229	40,957	10,889	53,983
Expenditures for plant and equipment, total.....do...	7,080	26,136	71,811	16,468	11,333	7,144	46,413
New, total.....do...	6,296	25,582	66,574	16,199	10,967	6,095	44,569
New structures and additions to plant.....do...	2,389	12,800	18,210	7,180	2,481	1,985	17,804
New machinery and equipment.....do...	3,907	12,782	48,364	9,019	8,486	4,110	26,765
Used plant and equipment.....do...	784	554	5,237	269	366	1,049	1,844
Selected operating ratios:							
Payroll/Total employment.....	3,835	5,055	3,730	4,551	4,396	2,814	3,911
Production workers/Total employment.....	.89	.81	.89	.86	.81	.89	.86
Man-hours/Production workers.....	1,652	1,997	1,865	1,955	1,938	1,792	1,939
Production worker wages/Man-hours.....	2.06	2.27	1.79	2.04	1.95	1.39	1.78
Cost of materials and payrolls/Total value of production..	.76	.63	.76	.79	.76	.84	.77
Cost of materials/Total value of production.....	.61	.53	.62	.66	.63	.70	.64
Adjusted value added/Total employment.....	10,194	22,384	10,100	12,652	13,098	5,903	11,021
Salaries and wages/Adjusted value added.....	.38	.23	.37	.36	.34	.48	.35

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Figures for the average number of "production workers" and "all employees" do not agree with those appearing in tables 1, 2, 4, and 8. In table 3, the figures for production workers is the average of the twelve monthly figures whereas in tables 1, 2, 4, and 8, it is the average of the figures for the months of March, May, August, and November. In all tables the figures for "all employees" is the sum of the respective average of production workers and the nonproduction employees as of March 15.

⁴Figures relate to value of shipments rather than value of production.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2031.—CANNED AND CURED SEAFOODS											
Establishments.....number..	405	89	60	60	118	48	22	4	2	2	-
All employees:											
Total.....do....	17,271	174	431	859	3,921	3,288	3,255	1,379	3,964	(D)	-
Payroll.....\$1,000..	66,231	656	1,629	3,759	14,257	13,093	11,388	4,544	16,905	(D)	-
Value added, adjusted.....do....	174,634	1,710	3,382	8,838	35,122	32,210	26,822	22,773	43,777	(D)	-
Value of production.....do....	452,454	8,939	10,459	23,490	85,096	74,902	70,721	50,964	127,883	(D)	-
Capital expenditures, new...do....	6,296	1,103	185	443	1,476	1,118	1,059	213	699	(D)	-
INDUSTRY 3032.—CANNED SPECIALTIES											
Establishments.....number..	173	54	21	21	26	12	13	14	6	4	2
All employees:											
Total.....do....	25,156	93	141	263	873	872	2,161	5,027	15,726	(D)	(D)
Payroll.....\$1,000..	127,168	343	535	923	3,487	3,635	9,043	22,999	86,203	(D)	(D)
Value added, adjusted.....do....	540,835	904	1,178	2,172	10,518	9,443	28,279	108,027	380,314	(D)	(D)
Value of production.....do....	1,169,299	2,172	3,057	5,667	26,616	23,811	81,248	247,138	779,590	(D)	(D)
Capital expenditures, new...do....	25,582	212,279	(D)	(D)	(D)	(D)	1,031	2,565	9,707	(D)	(D)
INDUSTRY 2033.—CANNED FRUITS AND VEGETABLES											
Establishments.....number..	1,430	276	131	187	322	225	211	55	20	2	1
All employees:											
Total.....do....	102,388	564	871	2,669	10,665	15,901	32,649	19,187	13,186	6,696	(D)
Payroll.....\$1,000..	382,057	1,863	2,819	10,040	33,119	54,738	122,345	83,188	51,528	22,417	(D)
Value added, adjusted.....do....	1,029,467	5,191	7,641	28,011	80,496	131,260	343,118	231,908	138,077	63,765	(D)
Value of production.....do....	2,742,787	13,459	19,921	72,356	230,687	369,875	911,258	626,317	355,616	143,298	(D)
Capital expenditures, new...do....	66,574	1,464	454	1,400	4,678	8,770	20,469	14,611	10,403	4,325	(D)
INDUSTRY 2034.—DEHYDRATED FOODS PRODUCTS											
Establishments.....number..	176	42	28	26	35	22	13	7	3	-	-
All employees:											
Total.....do....	9,152	83	191	340	1,094	1,596	1,908	2,282	1,658	-	-
Payroll.....\$1,000..	41,650	378	742	1,278	3,714	7,198	8,607	11,276	8,457	-	-
Value added, adjusted.....do....	115,795	947	2,055	4,604	10,354	15,979	19,811	44,980	17,065	-	-
Value of shipments.....do....	318,660	2,932	4,792	13,053	42,807	41,577	68,133	87,697	57,669	-	-
Capital expenditures, new...do....	16,199	193	215	627	1,345	1,234	2,758	3,343	6,484	-	-
INDUSTRY 2035.—PICKLES, SAUCES, SALAD DRESSINGS											
Establishments.....number..	588	213	89	102	94	34	42	13	1	-	-
All employees:											
Total.....do....	19,041	398	614	1,400	2,867	2,321	6,615	4,826	(D)	-	-
Payroll.....\$1,000..	83,713	1,234	2,338	5,760	11,972	9,459	29,251	23,699	(D)	-	-
Value added, adjusted.....do....	249,397	3,030	5,475	13,107	29,716	30,742	78,337	88,990	(D)	-	-
Value of production.....do....	677,268	7,830	14,599	36,266	77,431	72,437	235,988	232,717	(D)	-	-
Capital expenditures, new...do....	10,967	451	252	527	838	1,092	5,197	2,610	(D)	-	-
INDUSTRY 2036.—FRESH OR FROZEN PACKAGED FISH											
Establishments.....number..	547	118	78	96	149	66	28	9	3	-	-
All employees:											
Total.....do....	20,066	260	532	1,360	4,649	4,425	4,295	2,678	1,867	-	-
Payroll.....\$1,000..	56,471	717	1,445	3,868	12,386	9,972	13,605	10,243	4,235	-	-
Value added, adjusted.....do....	118,451	2,407	4,196	9,553	23,022	19,055	33,423	16,535	10,260	-	-
Value of production.....do....	391,174	7,173	9,888	28,569	73,869	59,084	107,780	68,489	36,322	-	-
Capital expenditures, new...do....	6,095	227	288	684	1,556	934	1,519	368	519	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2037.—FROZEN FRUITS AND VEGETABLES										
Establishments.....number..	650	139	76	89	106	88	100	36	14	2	-
All employees:											
Total.....do....	51,750	258	525	1,258	3,318	6,182	15,292	12,809	12,108	(D)	-
Payroll.....\$1,000..	202,398	989	1,927	4,786	13,892	25,450	59,598	46,656	49,100	(D)	-
Value added, adjusted.....do....	550,231	3,027	5,683	11,502	36,791	67,318	165,984	109,136	150,790	(D)	-
Value of production.....do....	1,548,663	8,478	15,953	30,870	102,909	195,141	498,284	303,118	393,910	(D)	-
Capital expenditures, new...do....	44,569	² 12,655	381	986	2,228	3,885	8,310	7,928	8,196	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes \$1-\$2 million for plants under construction but not in operation.²Includes \$5-\$10 million for plants under construction but not in operation.³Includes \$2-\$5 hundred thousand for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Production; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the production values of products representing the largest amount considered as primary to an industry. Frequently the establishment production comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are produced by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of production					Value of primary production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2031	Canned and cured seafoods.....1963..	452,454	366,196	32,442	53,816	92	384,451	366,196	18,255	95
	.....1958..	388,642	340,017	19,022	29,603	95	367,002	340,017	26,985	93
2032	Canned specialties.....1963..	1,169,299	865,755	213,701	89,843	80	946,582	865,755	80,827	91
	.....1958..	846,881	697,345	114,583	34,953	86	827,554	697,345	130,209	84
2033	Canned fruits and vegetables.....1963..	2,742,787	2,356,483	292,199	94,105	89	2,583,758	2,356,483	227,275	91
	.....1958..	2,333,885	1,991,232	251,065	91,588	89	2,191,530	1,991,232	200,298	91
2034	Dehydrated food products ¹.....1963..	318,660	296,994	13,077	8,589	96	334,910	296,994	37,916	89
	.....1958..	273,286	257,619	7,748	7,919	97	276,770	257,619	19,151	93
2035	Pickles, sauces, salad dressings..1963..	677,268	508,693	138,337	30,238	79	619,036	508,693	110,343	82
	.....1958..	525,309	406,296	96,500	22,513	81	496,107	406,296	89,811	82
2036	Fresh and frozen packaged fish....1963..	391,174	340,598	16,807	33,769	95	362,759	340,598	22,161	94
	.....1958..	310,095	262,691	18,770	28,634	93	274,124	262,691	11,433	96
2037	Frozen fruits and vegetables.....1963..	1,548,663	1,304,064	156,716	87,883	89	1,460,758	1,304,064	156,694	89
	.....1958..	1,025,877	837,051	129,926	58,900	87	916,328	837,051	79,277	91

¹Figures relate to value of shipments rather than value of production.

TABLE 5B. Industry-Product Analysis—Production by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of production of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of production of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Canned and cured seafoods (SIC 2031)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Canned specialties (SIC 2032)	Other industries
CANNED AND CURED SEAFOODS INDUSTRY					CANNED SPECIALTIES INDUSTRY--Con.				
Total value of production and receipts of the industry.....					List of other industries with over \$2 million production of primary product class:				
20310	Canned and cured seafoods, including soup, except frozen.....	(X) 384,451	452,454	(X) 18,255	20321	2033 Canned fruits and vegetables	(X)	(X)	(5-10)
	Secondary products.....	(X)	32,442	(X)	20321	2037 Frozen fruits and vegetables	(X)	(X)	5,417
20361	Frozen packaged fish and other seafood.....	(X)	4,451	(X)	20323	2033 Canned fruits and vegetables	(X)	(X)	39,409
20362	Fresh packaged fish and other seafood.....	(X)	4,915	(X)	20323	2035 Pickles, sauces, salad dressing.....	(X)	(X)	(2-5)
20423	Dog and cat food.....	(X)	7,842	(X)	20322	2013 Meat processing plants.....	(X)	(X)	2,629
20943	Animal and marine oil products, including foets.....	(X)	8,058	(X)	20324	2015 Poultry dressing plants.....	(X)	(X)	(2-5)
	Other secondary products.....	(X)	7,176	(X)	20320	2033 Canned fruits and vegetables	(X)	(X)	7,420
	Miscellaneous receipts.....	(X)	53,816	(X)		2035 Pickles, sauces, salad dressing.....	(X)	(X)	2,846
93000	Contract and commission work.....	(X)	8,429	(X)	CANNED FRUITS AND VEGETABLES INDUSTRY				
99989	Resales.....	(X)	44,778	(X)	Total value of production and receipts of the industry.....				
99980	Other miscellaneous receipts.....	(X)	609	(X)	Primary products.....				
List of other industries with over \$2 million production of primary product class:					20331	Canned fruits.....	721,729	695,818	25,911
20310	2032 Canned specialties.....	(X)	(X)	7,969	20332	Canned vegetables, except hominy and mushrooms.....	767,655	730,640	37,015
20310	2036 Fresh or frozen packaged fish.....	(X)	(X)	8,504	20333	Canned hominy and mushrooms.....	39,043	35,849	3,194
					20334	Canned fruit juices.....	380,514	305,178	75,336
					20335	Canned vegetable juices.....	91,078	64,071	27,007
					20336	Catsup and other tomato sauces....	297,902	267,706	30,196
					20338	Jams, jellies, and preserves.....	227,309	199,199	28,110
					20330	Canned fruits and vegetables, n.s.k.....	58,528	58,022	506
					Secondary products.....				
					20323	Canned dry beans.....	(X)	292,199	(X)
					20322	Canned soups, except frozen and seafood, other canned specialties and canned specialties, n.s.k....	(X)	39,409	(X)
					20324	Dried and dehydrated fruits and vegetables and freezer dried products, except soups.....	(X)	7,420	(X)
					20341	Pickles and other pickle products.	(X)	2,002	(X)
					20352	Meat sauces (except tomato) and unfinished pickle.....	(X)	22,846	(X)
					20353	Salad dressing, mayonnaise and sandwich spreads.....	(X)	5,914	(X)
					20354	Frozen fruits, juices, and ades...	(X)	13,889	(X)
					20371	Frozen vegetables.....	(X)	68,337	(X)
					20372	Other prepared animal feeds (including feeding materials and adjuncts).....	(X)	15,845	(X)
					20424	Salted nuts and other confectionery type products (cough drops, glacés, etc.).....	(X)	4,054	(X)
					20716	Bottled and canned soft drinks....	(X)	5,459	(X)
					20860	Other flavoring agents, except chocolate sirups.....	(X)	37,483	(X)
					20874	Sweetening sirups and molasses....	(X)	14,530	(X)
					20993	Vinegar and cider.....	(X)	2,534	(X)
					20996	Other food preparations, n.e.c....	(X)	13,516	(X)
					20999	Other secondary products ²	(X)	17,596	(X)
						Other secondary products ³	(X)	21,365	(X)
					Miscellaneous receipts.....				
99989	Resales.....	(X)	89,064	(X)	99989	Resales.....	(X)	94,105	(X)
93000	Contract and commission work.....	(X)	590	(X)	93000	Contract and commission.....	(X)	84,107	(X)
99980	Other miscellaneous receipts.....	(X)	189	(X)	99980	Other miscellaneous receipts.....	(X)	6,774	(X)

See footnotes at end of table

TABLE 5B. Industry-Product Analysis—Production by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Canned fruits and vegetables (SIC 2033)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Pickles, sauces, and salad dressing (SIC 2035)	Other industries
	CANNED FRUITS AND VEGETABLES INDUSTRY--Continued					PICKLES, SAUCES,AND SALAD DRESSING INDUSTRY			
	List of other industries with over \$2 million production of primary product class:					Total value of production and receipts of the industry.....	(X)	677,268	(X)
20331	2032 Canned specialties.....	(X)	(X)	8,161		Primary products.....	619,036	508,693	110,343
20331	2035 Pickles, sauces, salad dressing.....	(X)	(X)	2,544	20352	Pickles and other pickled products.....	220,471	188,295	32,176
20331	2037 Frozen fruits and vegetables	(X)	(X)	10,699	20353	Meat sauces (except tomato) and unfinished pickles.....	101,994	70,873	31,121
20332	2032 Canned specialties.....	(X)	(X)	18,702	20354	Salad dressing, mayonnaise and sandwich spreads.....	278,616	231,849	46,767
20332	2035 Pickles, sauces, salad dressing.....	(X)	(X)	2,298	20350	Pickles, sauces, and salad dressing, n.s.k.....	17,955	17,676	279
20332	2037 Frozen fruits and vegetables	(X)	(X)	12,288		Secondary products.....	(X)	138,337	(X)
20333	2032 Canned specialties.....	(X)	(X)	(over 2)	20138	Canned meats.....	(X)	2,540	(X)
20334	2026 Fluid milk.....	(X)	(X)	16,306	20331	Canned fruits.....	(X)	2,544	(X)
20334	2037 Frozen fruits and vegetables	(X)	(X)	47,081	20332	Canned vegetables, except hominy and mushrooms.....	(X)	2,298	(X)
20334	2086 Bottled and canned soft drinks.....	(X)	(X)	(2-5)	20336	Catsup and other tomato sauces....	(X)	2,177	(X)
20334	2099 Food preparations, n.e.c....	(X)	(X)	2,227	20338	Jams, jellies, and preserves.....	(X)	12,149	(X)
20336	2032 Canned specialties.....	(X)	(X)	20,797	20993	Sweetening sirup and molasses....	(X)	4,902	(X)
20336	2035 Pickles, sauces, salad dressing.....	(X)	(X)	2,177	20996	Vinegar and cider.....	(X)	5,207	(X)
20336	2087 Flavorings.....	(X)	(X)	(over 2)	20999	Other food preparations, n.e.c....	(X)	25,181	(X)
20338	2035 Pickles, sauces, salad dressing.....	(X)	(X)	12,149		Other secondary products ⁶	(X)	81,339	(X)
20338	2045 Blended and prepared flour.	(X)	(X)	2,051		Miscellaneous receipts.....	(X)	30,238	(X)
20338	2071 Confectionery products.....	(X)	(X)	(2-5)	99989	Resales.....	(X)	29,175	(X)
20338	2095 Roasted coffee.....	(X)	(X)	7,065		Contract work and other miscellaneous receipts.....	(X)	1,063	(X)
		All industries	Dehydrated foods products ⁴ (SIC 2034)	Other industries		List of other industries with over \$2 million production of primary product class:			
	DEHYDRATED FOODS PRODUCTS INDUSTRY				20352	2033 Canned fruits and vegetables	(X)	(X)	22,846
	Total value of shipments and receipts of the industry.....	(X)	318,660	(X)	20352	2099 Food preparations, n.e.c....	(X)	(X)	2,479
	Primary products.....	334,910	296,994	37,916	20353	2032 Canned specialties.....	(X)	(X)	15,593
20341	Dried and dehydrated fruits and vegetables and freezer dried products, except soup.....	284,523	261,887	22,636	20353	2033 Canned fruits and vegetables	(X)	(X)	5,914
20342	Soup mixes (dried, dehydrated and freeze-dried).....	44,514	29,380	15,134	20353	2099 Food preparations, n.e.c....	(X)	(X)	4,046
20340	Dehydrated food products, n.s.k..	5,873	5,727	146	20354	2033 Canned fruits and vegetables	(X)	(X)	13,889
	Secondary products.....	(X)	13,077	(X)	20354	2095 Roasted coffee.....	(X)	(X)	5,366
20999	Other food preparation, n.e.c....	(X)	3,256	(X)	20354	2096 Shortening and cooking oils.	(X)	(X)	19,229
	Other secondary products ⁵	(X)	9,821	(X)	20354	2099 Food preparations, n.e.c....	(X)	(X)	6,831
	Miscellaneous receipts.....	(X)	8,589	(X)			All industries	Fresh or frozen packaged fish (SIC 2036)	Other industries
99989	Resales.....	(X)	5,637	(X)		FRESH OR FROZEN PACKAGED FISH INDUSTRY			
93000	Contract and commission work....	(X)	1,825	(X)		Total value of production and receipts of the industry.....	(X)	391,174	(X)
99980	Other miscellaneous receipts.....	(X)	1,127	(X)		Primary products.....	362,759	340,598	22,161
					20361	Frozen packaged fish and other seafood.....	266,963	249,871	17,092
	Listing of other industries with over \$2 million shipments of primary product class:				20362	Fresh packaged fish and other seafood.....	76,646	71,606	5,040
20341	2033 Canned fruits and vegetables	(X)	(X)	2,002	20360	Fresh or frozen packaged fish, n.s.k.....	19,150	19,121	29
20341	2035 Pickles, sauces, salad dressing.....	(X)	(X)	(over 2)		Secondary products.....	(X)	16,807	(X)
20341	2037 Frozen fruits and vegetables	(X)	(X)	4,832	20310	Canned and cured seafoods, including soup, except frozen.....	(X)	8,504	(X)
20341	2045 Blended and prepared flour.	(X)	(X)	(over 2)	20373	Frozen prepared foods and soups (other than seafood soups).....	(X)	3,436	(X)
20341	2098 Macaroni and spaghetti.....	(X)	(X)	(over 2)		Other secondary products.....	(X)	4,867	(X)
20342	2032 Canned specialties.....	(X)	(X)	(over 2)					
20342	2046 Wet corn milling.....	(X)	(X)	(over 2)					
20342	2099 Food preparations, n.e.c....	(X)	(X)	2,344					

TABLE 5B. Industry-Product Analysis—Production by Product Class and Industry: 1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Fresh or frozen packaged fish (SIC 2036)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Frozen fruits and vegetables (SIC 2037)	Other industries
	FRESH OR FROZEN PACKAGED FISH INDUSTRY--Continued					FROZEN FRUITS AND VEGETABLES INDUSTRY--Continued			
	Miscellaneous receipts.....	(X)	33,769	(X)		Secondary products--Continued			
99989	Resales.....	(X)	29,165	(X)	20332	Canned vegetables, except hominy and mushrooms.....	(X)	12,288	(X)
93000	Contract and commission work....	(X)	3,759	(X)	20334	Canned fruit juices.....	(X)	47,081	(X)
99980	Other miscellaneous receipts.....	(X)	845	(X)	20341	Dried and dehydrated fruits and vegetables and freezer dried products, except soups.....	(X)	4,832	(X)
	List of other industries with over \$2 million production of primary product class:				20361	Frozen packaged fish and other seafood.....	(X)	7,191	(X)
20361	2031 Canned and cured seafood...	(X)	(X)	4,451	20422	Livestock feeds (complete feeds and supplements).....	(X)	5,329	(X)
20361	2032 Canned specialties.....	(X)	(X)	(2-5)	20424	Other prepared animal feeds (including feeding materials and adjuncts).....	(X)	4,110	(X)
20361	2037 Frozen fruits and vegetables	(X)	(X)	7,191	20860	Bottled and canned soft drinks...	(X)	7,597	(X)
20362	2031 Canned and cured seafood...	(X)	(X)	(2-5)	20999	Other food preparations, n.e.c....	(X)	4,611	(X)
		All industries	Frozen fruits and vegetables (SIC 2037)	Other industries	28993	Essential oils, firewood and pyrotechnics, chemical and chemical products, n.e.c.....	(X)	6,259	(X)
						Other secondary products ⁷	(X)	41,302	(X)
	FROZEN FRUITS AND VEGETABLES INDUSTRY					Miscellaneous receipts.....	(X)	87,883	(X)
	Total value of production and receipts of the industry.....	(X)	1,548,663	(X)	99989	Resales.....	(X)	70,839	(X)
	Primary products.....	1,460,758	1,304,064	156,694	93000	Contract and commission work.....	(X)	11,692	(X)
20371	Frozen fruits, juices and ades...	436,263	358,853	77,410	99930	Other miscellaneous receipts.....	(X)	5,352	(X)
20372	Frozen vegetables.....	395,953	378,276	17,677		List of other industries with over \$2 million production of primary product class:			
20373	Frozen prepared foods and soups (other than seafood).....	608,070	546,505	61,565	20371	2033 Canned fruits and vegetables.....	(X)	(X)	68,377
20370	Frozen fruits and vegetables, n.s.k.....	20,472	20,430	42	20371	2086 Bottled and canned soft drinks.....	(X)	(X)	(5-10)
	Secondary products.....	(X)	156,716	(X)	20372	2033 Canned fruits and vegetables.....	(X)	(X)	15,845
20321	Canned baby food, except meat...	(X)	5,417	(X)	20373	2011 Meat slaughtering plants...	(X)	(X)	6,907
20331	Canned fruits.....	(X)	10,699	(X)	20373	2013 Meat processing plants.....	(X)	(X)	4,973
					20373	2015 Poultry dressing plants....	(X)	(X)	7,506
					20373	2032 Canned specialties.....	(X)	(X)	12,373
					20373	2036 Fresh or frozen packaged fish.....	(X)	(X)	3,436
					20373	2051 Bread and related products..	(X)	(X)	17,991

Note: Data shown parenthetically are expressed in millions of dollars.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Data for product classes 20322, Canned soups (except frozen or seafood), and 20324, Other canned specialties, are included in product class 20320, Canned specialties, n.s.k., to avoid disclosing individual company figures.

²Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20342, Soup mixes (dried and dehydrated and freeze-dried); 20361, Frozen packaged fish and other seafood; 20455, Prepared flour and flour mixes (made from flour not milled in same establishment); 20980, Macaroni and noodle products; 20996, Vinegar and cider.

³Includes the following product class which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 20321, Canned baby food, except meat.

⁴Figures relate to value of shipments rather than value of production.

⁵Includes the following product class which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 20874, Other flavoring agents, except chocolate sirups.

⁶Includes the following product classes which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 20323, Canned milk (shipped in consumer type packages); 20341, Dried and dehydrated fruits and vegetables and freezer dried products, except soups; 20424, Other prepared animal feeds (including feeding materials and adjuncts); 20871, Flavoring extracts, emulsions and other liquid flavors; 20961, Shortening and cooking oils; 20962, Margarine.

⁷Includes the following product classes which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 20151, Hens (or fowl) and other chickens; 20153, Turkeys; 20154, Canned poultry; 20872, Beverage bases, except sirups and concentrated fruit juices.

TABLE 6A. Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total production (pack)			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2031- --	CANNED AND CURED SEAFOOD, TOTAL.....	1,000 lbs.....	756,413	384,451	773,662	367,002
	Canned seafood: ¹					
	As reported in the census of manufactures ².....	...do.....	657,689	331,286	710,427	329,612
20310 11	Canned fish and other seafood, except soup, stews, and chowder, total.....	...do.....	523,535	288,180	639,889	307,634
20310 31	Canned seafood soups, stews, and chowders (turtle soup, oyster stew, clam chowder, etc.).....	...do.....	90,352	21,043	44,327	9,817
20310 00	Canned seafood, n.s.k. ³.....	...do.....	443,802	22,063	426,211	12,161
	As reported in "Canned Fishery Products, 1963" collected by the Fish and Wildlife Service, Department of the Interior ².....	...do.....	725,501	380,554	736,609	344,737
	Finfish, total.....	...do.....	617,743	322,529	652,262	299,468
	Salmon.....	...do.....	157,900	87,638	177,851	92,244
	Sardines (Maine and Pacific).....	...do.....	40,882	14,232	149,155	32,371
	Tuna (solid, chunks, flakes and grated) and tuna specialties	...do.....	328,971	202,187	279,135	162,712
	Mackerel.....	...do.....	57,395	7,603	18,199	2,657
	Gefilte fish.....	...do.....	15,030	4,760	11,527	4,024
	Fish roe and caviar.....	...do.....	2,573	2,102	2,145	1,688
	Fish cakes (principally ground fish).....	...do.....	2,408	658	3,970	1,120
	Other finfish.....	...do.....	12,584	3,349	10,280	2,652
	Shell fish, total.....	...do.....	107,758	58,025	84,347	45,269
	Crab meat and crab meat specialties.....	...do.....	7,889	10,493	3,081	3,167
	Shrimp and shrimp specialties (drained weight).....	...do.....	16,327	19,669	14,554	20,885
	Oyster and oyster specialties (drained weight).....	...do.....	14,483	8,108	11,948	7,144
	Clams (whole, minced, chowder, juice) (drained weight).....	...do.....	57,602	17,398	48,418	12,993
	Other shellfish.....	...do.....	11,457	2,357	6,346	1,080
	Cured fish and other seafood.....	...do.....	98,724	53,165	63,235	37,390
20310 51	Smoked salmon.....	...do.....	8,618	10,563	8,389	9,616
20310 71	Other smoked fish (herring, white fish, chub, cisco, etc.).....	...do.....	20,867	14,779	13,168	10,784
	Salted and pickled fish (including sun dried):					
	Sold for further processing.....	...do.....	39,752	14,194	9,347	3,822
20310 85	Sold as finished products ready for consumption.....	...do.....	29,487	13,629	32,331	13,168
2032- --	CANNED SPECIALTIES, TOTAL.....		(X)	946,582	(X)	827,554
20321 --	Canned baby foods (except meat, cereal, and biscuits), total.....		(X)	230,805	(X)	185,204
20321 11	Fruits.....	1,000 lbs. net weight.....	399,440	74,843	382,960	69,521
20321 31	Vegetables.....	...do.....	151,051	29,455	160,397	29,296
20321 51	Desserts (excluding 100% fruit products).....	...do.....	102,903	24,859	86,386	17,033
	Juices:					
20321 61	4.1 oz.-7 oz.....	1,000 cases of 24.....	11,247	17,016	6,383	7,840
20321 65	Other sizes.....	...do.....			844	1,566
20321 98	Other canned baby foods (except meat, cereal, and biscuits), including vegetables with meat, macaroni preparations, soups, etc.....	1,000 lbs. net weight.....	447,131	84,632	316,389	59,948
20323 --	Canned dry beans, total.....	1,000 cases....	63,922	200,287	57,178	166,854
	Beans with pork, including baked:					
20323 71	7.1 oz.-10 oz. (8Z short, 8Z tall, etc.).....	1,000 cases of 48.....	2,182	7,697	1,876	5,972
20323 72	10.1 oz.-13 oz. (No. 1 picnic, etc.).....	...do.....	936	4,460	995	4,920
20323 73	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	18,640	51,610	18,354	45,912
20323 74	18.1 oz.-22 oz. (No. 2, etc.).....	...do.....	4,823	16,346	4,150	13,849
20323 75	22.1 oz.-27 oz. (Jumbo, etc.).....	...do.....	833	4,490	925	4,753
20323 76	27.1 oz.-40 oz. (No. 2-1/2, quart glass, etc.).....	...do.....	7,087	29,968	5,528	23,244
20323 79	Other sizes.....	1,000 cases....	3,886	13,566	3,821	10,641
	Beans with sauce, vegetarian style, including baked:					
20323 82	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	2,938	8,119	2,740	6,711
20323 84	Other sizes.....	1,000 cases....	2,289	7,529	1,044	3,124
	Beans, all other dry varieties, including chili con carne:					
20323 86	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	13,857	34,888	11,237	25,190
20323 91	Other sizes.....	1,000 cases....	5,437	18,466	4,550	15,524
20323 00	Canned dry beans, n.s.k.....	...do.....	41,005	3,148	1,958	7,014
20322 --	Soups and other canned specialties and canned specialties, n.s.k., total.....		(X)	515,490	(X)	475,496
20324 --						
20320 --						
	Spaghetti with meat:					
20324 30	13.1 oz.-17 oz. (No. 300, etc.).....	1,000 cases of 24.....	3,122	15,196	3,090	15,284
20324 31	Other sizes.....	1,000 cases....	1,180	5,882	1,485	7,577

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
			Total production (pack)			
2032- --	CANNED SPECIALTIES—Continued					
20322 --	Soups and other canned specialties and canned specialties, n.s.k.—Continued					
20324 --						
20320 --						
20324 32	Spaghetti without meat:	1,000 cases of 48	348	1,366	383	1,371
20324 33	13 oz. and under (No. 1 picnic, etc.).....	1,000 cases of 24	5,518	14,419	4,984	13,859
20324 34	13.1 oz.-17 oz. (No. 300, etc.).....	1,000 cases...	2,717	10,466	1,990	8,524
20324 68	Other sizes.....	..do.....	5,957	23,475	4,550	18,268
20324 91	Chinese foods (bean sprouts, chop suey, etc.).....	1,000 pounds..	15,956	4,629	21,158	5,973
20324 00	Mince meat.....	..do.....	(X)	440,057	(X)	5404,640
20320 00	Canned soups (except frozen and seafood), other canned specialties and canned specialties, n.s.k.....	..do.....	(X)	2,583,758	(X)	2,191,530
2033- --	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, AND JELLIES, TOTAL ⁶ .	..do.....	156,152	721,729	137,050	639,691
20331 --	Canned fruits (excluding baby foods), total.....	1,000 cases...	4,034	19,124	4,172	18,102
20331 12	Apples, excluding pie mix.....	..do.....	20,949	66,326	17,457	50,350
20331 13	Apple sauce.....	1,000 cases of 24.....	12,011	36,768	13,160	(NA)
20331 14	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases...	8,938	29,558	4,297	(NA)
	Other sizes.....	..do.....	661	(NA)	618	(NA)
	8Z.....	..do.....	482	(NA)	1,172	(NA)
	No. 2-1/2.....	..do.....	2,217	(NA)	2,507	(NA)
	No. 10.....	..do.....	5,577	(NA)	-	(NA)
20331 15	Other sizes.....	..do.....	5,725	29,075	3,350	19,439
20331 18	Apricots.....	..do.....	936	6,172	1,766	9,164
20331 22	Berries, except cranberries.....	..do.....	1,771	10,000	2,573	14,335
	Cherries, red pitted, excluding pie mix.....	..do.....	-	(NA)	114	(NA)
	No. 2.....	..do.....	1,015	(NA)	1,435	(NA)
	No. 300.....	..do.....	730	(NA)	969	(NA)
	No. 10.....	..do.....	26	(NA)	55	(NA)
	Other sizes.....	..do.....	1,006	5,382	1,856	10,822
20331 24	Sweet cherries.....	..do.....	6,202	27,350	6,004	25,657
20331 25	Cranberries.....	..do.....	609	2,497	1,004	3,636
20331 26		..do.....	4,392	17,828	4,899	17,924
20331 27	Figs.....	..do.....	-	(NA)	105	(NA)
20331 31	Grapefruit segments.....	..do.....	184	(NA)	142	(NA)
	No. 2.....	..do.....	3,733	(NA)	4,090	(NA)
	No. 8Z short and tall.....	..do.....	475	(NA)	554	(NA)
	No. 303.....	..do.....	-	(NA)	8	(NA)
	No. 3 cylinder.....	..do.....	19,022	92,057	15,363	81,786
	Other sizes.....	1,000 cases of 24.....	10,604	44,845	8,064	(NA)
20331 32	Other sizes.....	1,000 cases...	8,418	47,212	7,299	(NA)
	No. 2-1/2.....	..do.....	4,756	(NA)	3,903	(NA)
	No. 8Z short and tall.....	..do.....	1,599	(NA)	1,683	(NA)
	No. 2.....	..do.....	219	(NA)	267	(NA)
	No. 10.....	..do.....	1,776	(NA)	1,446	(NA)
	Other sizes.....	..do.....	68	(NA)	-	(NA)
20331 34	Fruits for salads, including mixed fruits other than fruit cocktail.....	..do.....	4,671	23,144	2,593	14,377
20331 41	Olives, ripe and green ripe:					
	5 oz. or less (4 oz., etc.).....	1,000 cases of 48.....	1,041	8,774	536	2,892
20331 43	5.1 oz.-15 oz. (No. 303, pint glass, No. 1 tall, etc.).....	..do.....	2,353	24,728	1,714	14,120
20331 49	Other sizes.....	1,000 cases...	1,408	10,307	326	2,650
20331 50	Peaches, including spiced, excluding pie mix.....	..do.....	36,429	162,843	28,612	138,799
	27.1 oz.-40 oz. (No. 2-1/2, quart glass, etc.).....	1,000 cases of 24.....	24,176	115,748	17,112	(NA)
20331 51	Other sizes.....	1,000 cases...	12,253	47,095	11,500	(NA)
	8Z short and tall.....	..do.....	1,360	(NA)	1,426	(NA)
	No. 303, 300 and No. 1 tall.....	..do.....	6,262	(NA)	6,108	(NA)
	No. 10.....	..do.....	4,472	(NA)	3,888	(NA)
	Other sizes.....	..do.....	159	(NA)	78	(NA)
20331 52	Pears, including spiced:					
	27.1 oz.-40 oz. (No. 2-1/2, quart glass, etc.).....	1,000 cases of 24.....	4,069	26,081	10,830	59,143
20331 53	Other sizes.....	1,000 cases...	3,674	19,932		
20331 54	Plums (purple and other types, excluding canned dried prunes)...	..do.....	1,268	5,221	1,410	5,980
20331 57	Pineapple (all styles).....	..do.....	19,224	94,688	19,637	84,506

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value	Quantity	Value
				(\$1,000)		(\$1,000)
			Total production (pack)			
2033- --	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, AND JELLIES ⁶ —Con.					
20331 --	Canned fruits (excluding baby food)—Continued					
	Canned fruit pie mixes:					
20331 61	Apple.....	1,000 cases...	1,612	5,875	1,606	5,374
20331 63	Cherry.....	..do.....	3,211	12,833	2,030	7,358
20331 65	Peaches.....	..do.....	1,945	8,635	1,200	4,908
20331 69	Other fruit pie mixes.....	..do.....	2,770	13,556	1,332	5,893
20331 98	Other canned fruit.....	..do.....	5,866	20,219	3,882	27,480
20331 00	Canned fruits, n.s.k.....	..do.....	41,965	9,082	42,898	14,996
20332 --	Canned vegetables, total.....	..do.....	233,203	767,655	199,665	638,560
	Asparagus.....	..do.....	8,988	55,819	8,067	43,089
20332 01	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	5,749	33,626	4,370	(NA)
20332 02	Other sizes.....	1,000 cases...	3,239	22,193	3,697	(NA)
	No. 2.....	..do.....	542	(NA)	1,020	(NA)
	8Z tall.....	..do.....	340	(NA)	428	(NA)
	No. 1 picnic and 211 cylinder.....	..do.....	1,005	(NA)	1,301	(NA)
	300 x 509.....	..do.....	256	(NA)	199	(NA)
	No. 5 squat.....	..do.....	185	(NA)	214	(NA)
	No. 10.....	..do.....	427	(NA)	352	(NA)
	Other sizes.....	..do.....	484	(NA)	183	(NA)
20332 03	Beans, fresh lima.....	..do.....	3,153	10,839	3,043	10,848
	Beans, green and wax (except blue lake):					
20332 04	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	15,567	47,043	19,397	60,038
20332 05	Other sizes.....	1,000 cases...	4,932	16,805		
	Beans, blue lake:					
20332 08	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	10,591	41,970	8,862	33,173
20332 09	Other sizes.....	1,000 cases...	3,723	15,052		
	Beets:					
20332 11	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	9,808	22,835	10,239	24,228
20332 12	Other sizes.....	1,000 cases...	3,535	8,920		
20332 15	Carrots.....	..do.....	4,394	11,448	3,377	8,892
	Sweet corn, whole kernel:					
20332 21	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	22,433	65,762	720,754 712,200	102,666
20332 22	Other sizes.....	1,000 cases...	4,899	14,918		
	Sweet corn, cream style:					
20332 25	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	15,576	39,802	(7)	(7)
20332 26	Other sizes.....	1,000 cases...	2,239	6,227	(7)	(7)
20332 35	Mixed vegetables (succotash, carrots and peas, vegetable salad, and other combinations).....	..do.....	7,240	22,459	4,419	13,769
	Green peas.....	..do.....	34,565	117,493	34,327	109,232
20332 36	13.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	26,833	90,323	24,739	(NA)
20332 37	Other sizes.....	1,000 cases...	7,732	27,170	9,588	(NA)
	8Z.....	..do.....	3,580	(NA)	4,707	(NA)
	No. 1 picnic.....	..do.....	-	(NA)	185	(NA)
	No. 10.....	..do.....	4,036	(NA)	4,575	(NA)
	Other sizes.....	..do.....	166	(NA)	121	(NA)
20332 39	Other peas (blackeye, crowder, purple hull, field, etc.).....	..do.....	2,123	6,064	1,793	4,934
20332 52	Pumpkin and squash pie mix.....	..do.....	554	1,793	496	1,405
20332 54	Pumpkin and squash, except pie mix.....	..do.....	2,433	6,729	2,398	6,581
20332 55	Spinach.....	..do.....	6,558	18,204	5,481	14,936
	8Z.....	..do.....	413	(NA)	361	(NA)
	No. 1 picnic.....	..do.....	151	(NA)	198	(NA)
	No. 303 and 300.....	..do.....	3,987	(NA)	3,206	(NA)
	No. 2-1/2.....	..do.....	931	(NA)	894	(NA)
	No. 10.....	..do.....	1,076	(NA)	775	(NA)
	Other sizes.....	..do.....	-	(NA)	47	(NA)
20332 58	Other leafy greens (turnip, kale, mustard, etc.).....	..do.....	2,760	5,752	2,184	4,366
	No. 303 and 300.....	..do.....	1,921	(NA)	1,460	(NA)
	No. 2-1/2.....	..do.....	212	(NA)	192	(NA)
	No. 10.....	..do.....	627	(NA)	532	(NA)
	Tomatoes.....	..do.....	24,566	86,935	28,174	95,724
20332 70	3.1 oz.-18 oz. (No. 300, No. 303, etc.).....	1,000 cases of 24.....	12,649	39,890	16,758	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value	Quantity	Value
				(\$1,000)		(\$1,000)
			Total production (pack)			
2033- --	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, AND JELLIES ⁶ —Con.					
20332 --	Canned vegetables—Continued					
	Tomatoes—Continued					
20332 72	Other sizes.....	1,000 cases...	11,917	47,045	11,416	(NA)
	No. 2.....	.....do.....	227	(NA)	376	(NA)
	8Z.....	.....do.....	310	(NA)	313	(NA)
	No. 1 picnic.....	.....do.....	501	(NA)	762	(NA)
	No. 2-1/2.....	.....do.....	4,706	(NA)	4,620	(NA)
	No. 10.....	.....do.....	5,958	(NA)	5,329	(NA)
	Other sizes.....	.....do.....	215	(NA)	16	(NA)
20332 73	Pimientos.....	.....do.....	1,352	5,886	1,247	4,555
20332 74	Sweet potatoes.....	.....do.....	8,020	35,616	4,918	19,064
20332 75	White potatoes.....	.....do.....	4,078	9,755	3,711	8,654
20332 76	Sauerkraut.....	.....do.....	7,524	19,592	7,447	21,001
	No. 2.....	.....do.....	308	(NA)	67	(NA)
	No. 300.....	.....do.....	625	(NA)	555	(NA)
	No. 303.....	.....do.....	2,784	(NA)	3,068	(NA)
	No. 2-1/2.....	.....do.....	2,084	(NA)	2,793	(NA)
	No. 10.....	.....do.....	865	(NA)	623	(NA)
	Other sizes.....	.....do.....	858	(NA)	341	(NA)
20332 94	Other canned vegetables.....	.....do.....	9,825	35,199	7,447	20,724
20332 00	Canned vegetables, n.s.k.....	.....do.....	411,767	38,738	9,684	30,681
20333 --	Canned hominy and mushrooms, total.....	.....do.....	5,358	39,043	4,964	34,839
20333 15	Hominy.....	.....do.....	2,577	5,557	2,798	6,158
	Mushrooms:					
20333 16	4 oz. or less (2Z, etc.).....	1,000 cases of				
	48.....	.....do.....	1,394	12,421	1,285	11,468
20333 18	4.1 oz.-8 oz. (4Z, etc.).....	.....do.....	586	6,452	555	9,203
20333 19	8.1 oz.-17 oz. (8Z, etc.).....	.....do.....	142	3,411	160	4,689
20333 20	Other sizes.....	1,000 cases...	582	10,644	166	3,321
20333 00	Canned hominy and mushrooms, n.s.k.....	.....do.....	477	558	-	-
20334 --	Canned fruit juices, nectars, and concentrates (except juice for babies and frozen juice), total.....	.....do.....	(X)	380,514	(X)	294,185
20334 11	Apple juice.....	1,000 cases...	8,031	18,759	5,611	13,418
	No. 211 cylinder.....	.....do.....	44	(NA)	89	(NA)
	No. 3 cylinder.....	.....do.....	2,619	(NA)	1,831	(NA)
	24-26Z glass.....	.....do.....	107	(NA)	202	(NA)
	32Z glass.....	.....do.....	2,821	(NA)	2,193	(NA)
	64Z glass.....	.....do.....	449	(NA)	323	(NA)
	1 gallon jug.....	.....do.....	688	(NA)	402	(NA)
	Other sizes.....	.....do.....	1,085	(NA)	571	(NA)
20334 22	Grape juice:					
	22.1 oz.-27 oz. (24 oz. glass, etc.).....	1,000 cases of				
	12.....	.....do.....	4,205	13,773	3,812	12,501
20334 23	} Other sizes, including glass gallons.....	.....do.....	(NA)	11,861	(NA)	14,985
20334 24						
20334 28	Pineapple juice.....	1,000 cases...	11,919	24,880	11,472	24,361
20334 31	Grapefruit juice.....	.....do.....	8,828	25,262	9,275	22,448
	Individual-5Z, 6Z.....	1,000 cases of				
	48.....	.....do.....	1,213	(NA)	726	(NA)
	No. 2.....	1,000 cases of				
	24.....	.....do.....	1,563	(NA)	1,940	(NA)
	No. 211 cylinder.....	.....do.....	33	(NA)	88	(NA)
	No. 3 cylinder.....	1,000 cases of				
	12.....	.....do.....	5,900	(NA)	6,384	(NA)
	No. 10.....	1,000 cases of				
	6.....	.....do.....	67	(NA)	26	(NA)
	Other sizes.....	1,000 cases...	52	(NA)	111	(NA)
20334 42	Orange juice, single strength.....	.....do.....	17,164	62,426	⁸ 19,188	⁸ 50,847
	40.1 oz.-60 oz. (No. 3 cylinder, etc.).....	1,000 cases of				
	12.....	.....do.....	8,825	32,093	9,364	(NA)
20334 43	Other sizes.....	1,000 cases...	8,937	30,333	9,924	(NA)
	4Z.....	1,000 cases of				
	24.....	.....do.....	5,058	(NA)	4,942	(NA)
	Individual 5Z, 6Z.....	.....do.....	1,349	(NA)	1,277	(NA)
	No. 211 cylinder.....	.....do.....	89	(NA)	255	(NA)
	No. 2.....	.....do.....	2,368	(NA)	3,036	(NA)
	No. 10.....	1,000 cases of				
	6.....	.....do.....	18	(NA)	19	(NA)
	Other sizes.....	1,000 cases of				
	12.....	.....do.....	55	(NA)	295	(NA)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
			Total production (pack)			
2033- --	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, AND JELLIES ⁶ —Con.					
20334 --	Canned fruit juices, nectars, and concentrates (except juice for babies and frozen juice)—Continued					
20334 51	Grapefruit-orange juice blend.....	1,000 cases....	2,122	7,273	4,382	11,212
	Individual 5-6Z.....	1,000 cases of				
		24.....	22	(NA)	47	(NA)
	No. 2.....	do.....	266	(NA)	745	(NA)
	No. 3 cylinder.....	1,000 cases of				
		12.....	1,585	(NA)	3,539	(NA)
	No. 211 cylinder.....	1,000 cases of				
		24.....	9	(NA)	20	(NA)
	Other sizes.....	1,000 cases....	240	(NA)	31	(NA)
20334 53	Grapefruit-pineapple blend.....	do.....	8,004	21,779	6,161	18,186
20334 63	Prune juice:					
	Quart glass.....	1,000 cases of				
		12.....	5,438	21,990	6,552	23,715
20334 65	Other sizes.....	1,000 cases....	3,460	12,646	1,795	5,699
20334 71	Other whole fruit juices and mixtures of whole juices.....	do.....	8,928	30,672	6,431	20,714
20334 75	Nectars:					
	4.1 oz.-7 oz. (6Z, etc.).....	1,000 cases of				
		48.....	524	1,764	471	1,610
20334 76	7.1 oz.-13 oz. (No. 12 cylinder, 12Z, etc.).....	do.....	871	3,697	1,719	6,027
20334 77	40.1 oz.-60 oz. (No. 3 cylinder).....	1,000 cases of				
		12.....	1,076	4,257	3,098	9,953
20334 79	Other sizes.....	1,000 cases....	1,334	3,832	2,928	6,080
20334 85	Concentrated fruit juice, hot pack:					
	4.1 oz.-7 oz.....	1,000 cases of				
		48.....	375	1,508	(⁹)	(⁹)
20334 89	Other sizes and bulk.....	1,000 gallons..	19,678	35,984	8,855	16,797
20334 91	Fruit juices, fresh, to be kept under refrigeration (orange, grape, etc.).....	do.....	50,700	71,375	⁸ 13,038	⁸ 21,882
20334 00	Canned fruit juices, n.s.k.....	do.....	(X)	6,776	(X)	⁹ 13,750
20335 --	Canned vegetable juices, total.....	1,000 cases....	34,854	91,078	33,611	93,314
	Tomato juice (including combinations containing 70% or more tomato juice).....	do.....	33,331	87,761	31,551	88,006
20335 13	40.1 oz.-60 oz. (No. 3 cylinder, etc.).....	1,000 cases of				
		12.....	19,334	50,632	18,067	(NA)
20335 19	Other sizes.....	1,000 cases....	13,977	37,129	13,484	(NA)
	Individual 5Z, 6Z.....	do.....	4,276	(NA)	3,056	(NA)
	8Z.....	do.....	109	(NA)	431	(NA)
	No. 211 cylinder.....	do.....	1,414	(NA)	1,300	(NA)
	No. 300 and 303 and 303x500 (17-1/2Z).....	do.....	2,433	(NA)	1,827	(NA)
	No. 2.....	do.....	2,324	(NA)	3,685	(NA)
	No. 10.....	do.....	294	(NA)	502	(NA)
	Other tin and other glass.....	do.....	3,127	(NA)	2,683	(NA)
20335 98	Other vegetable juices.....	do.....	1,125	2,276	1,472	3,705
20335 00	Canned vegetable juices, n.s.k.....	do.....	4,398	1,041	4,588	1,603
20336 --	Catsup and other tomato sauces, pastes, etc., total.....	do.....	72,340	297,902	64,332	245,621
	Tomato sauce, except catsup and chili sauce (excluding pulp, puree, or paste): ¹⁰					
20336 13	7.1 oz.-10 oz. (8 oz. short, 8 oz. tall, etc.).....	1,000 cases of				
		72.....	8,783	46,345	17,389	75,722
20336 19	Other sizes	1,000 cases....	10,558	40,331		
20336 33	Catsup.....	do.....	33,313	119,412	28,038	93,491
	13.1 oz.-18 oz. (14 oz. glass bottle, etc.).....	1,000 cases of				
		24.....	20,448	68,844	18,475	(NA)
20336 39	Other sizes.....	1,000 cases....	12,865	50,568	9,563	(NA)
	12 oz. glass.....	do.....	1,194	(NA)	1,637	(NA)
	18, 20 and 24 oz. glass.....	do.....	8,657	(NA)	4,538	(NA)
	Other sizes.....	do.....	3,014	(NA)	3,388	(NA)
20336 51	Chili sauce.....	do.....	2,900	9,366	2,067	5,866
	12 oz. glass.....	do.....	2,280	(NA)	1,482	(NA)
	No. 10 tin.....	do.....	496	(NA)	306	(NA)
	Other sizes.....	do.....	124	(NA)	279	(NA)
20336 61	Tomato paste:					
	4.1 oz.-7 oz. (6 oz., etc.).....	1,000 cases of				
		48.....	4,183	17,381	7,866	30,464
20336 63	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6	1,939	13,211	2,684	14,208
20336 65	Other sizes.....	1,000 cases....	4,416	26,170	1,183	6,945

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
			Total production (pack)			
2033- --	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, AND JELLIES ⁶ —Con.					
20336 --	Catsup and other tomato sauces, pastes, etc.—Continued					
20336 71	Tomato pulp and puree:					
	13 oz. and under (No. 1 picnic, etc.).....	1,000 cases of 48.....	432	1,851	803	2,925
20336 73	13.1 oz.-27 oz. (No. 303, No. 2, etc.).....	1,000 cases of 24.....	920	3,275	389	1,239
20336 75	27.1 oz.-31 oz. (No. 2-1/2, etc.).....	.....do.....	1,068	4,937	890	3,415
20336 77	100.1 oz.-115 oz. (No. 10).....	1,000 cases of 6	2,426	9,543	1,859	5,861
20336 79	Other sizes.....	1,000 cases....	966	4,285	538	2,068
20336 00	Catsup and other tomato sauces, n.s.k.....	.....do.....	436	1,795	4626	3,417
20338 --	Jams, jellies, and preserves.....		(X)	227,309	(X)	197,901
	Jams and preserves, pure:					
20338 11	Strawberry.....	1,000 pounds...	125,467	35,679	127,140	34,967
20338 15	Other.....	.....do.....	293,133	71,929	239,779	58,318
	Jellies, pure:					
20338 21	Grape.....	.....do.....	129,204	29,082	91,370	21,288
20338 25	Other.....	.....do.....	173,129	38,918	134,646	28,184
20338 31	Jellies, imitation.....	.....do.....	25,933	3,948	22,208	3,727
20338 41	Marmalades.....	.....do.....	22,079	4,498	14,957	3,838
20338 51	Fruit butter.....	.....do.....	52,487	7,845	47,015	6,780
20338 61	Maraschino cherries (excluding glace and candied).....	1,000 gallons..	5,599	19,449	5,938	18,009
20338 71	Dietetic jams, jellies, and preserves.....	1,000 pounds..	7,346	1,959	(11)	(11)
20338 00	Jams, jellies, and preserves, n.s.k.....		(X)	14,002	(X)	1122,790
20330 00	Canned fruits and vegetables, preserves, jams and jellies, n.s.k.		(X)	58,528	(X)	47,419
			Total shipments including interplant transfers			
2034- --	DRIED AND DEHYDRATED FOODS PRODUCTS, TOTAL.....	1,000 pounds...	1,191,594	334,910	(NA)	276,770
20341 --	Dried and dehydrated fruits and vegetables and freeze dried products (except soups).....	.....do.....	1,124,156	284,523		
20341 11	Freeze dried products, except soups.....	.....do.....	(12)	(12)		
	Fruits, dried and dehydrated:					
20341 13	Raisins.....	.....do.....	373,114	67,315		
20341 15	Prunes.....	.....do.....	329,289	69,011		
20341 17	Figs.....	.....do.....	32,586	6,479		
20341 18	Dates.....	.....do.....	(12)	(12)		
20341 21	Apples.....	.....do.....	33,196	10,501		
20341 29	Other dried and dehydrated fruits.....	.....do.....	82,532	1232,493		
	Vegetables, dried and dehydrated:					
	Potatoes:				(NA)	276,770
20341 31	Consumer sizes (1 pound and under).....	.....do.....	57,545	18,718		
20341 35	Commercial sizes (over 1 pound).....	.....do.....	109,695	23,843		
20341 39	Other dried and dehydrated vegetables.....	.....do.....	95,262	53,396		
20341 00	Dried and dehydrated fruit and vegetables and freeze dried products (except soups), n.s.k.....	.....do.....	410,937	2,767		
20342 11	Soup mixes (dried, dehydrated or freeze dried).....	.....do.....	46,545	44,514		
20340 00	Dried and dehydrated foods products, n.s.k.....	.....do.....	420,893	5,873		
			Total production (pack)			
2035- --	PICKLED FRUITS AND VEGETABLES, SAUCES AND SALAD DRESSING, TOTAL.....	1,000 gallons..	592,437	619,036	(X)	496,107
20352 --	Pickled fruits and vegetables.....	.....do.....	158,461	220,471	(X)	170,058
	Finished cucumber pickles:					
20352 11	Dill.....	.....do.....	38,182	41,448	32,760	34,757
20352 13	Sour.....	.....do.....	6,375	7,321	5,428	4,622
20352 15	Sweet.....	.....do.....	25,206	45,372	22,079	35,440
20352 17	Fresh pack.....	.....do.....	41,774	49,134	27,642	32,129
20352 33	Pickle products, including mixes, relishes, etc.....	.....do.....	27,384	40,312	28,399	36,723
20352 61	Olives, green, bulk.....	.....do.....	4,164	15,496	(NA)	10,779
20352 00	Pickled fruits and vegetables, n.s.k.....	.....do.....	15,376	21,388	(X)	15,608
20353 --	Sauces (excluding tomato) and unfinished pickles.....	.....do.....	256,429	101,994	(X)	67,623
	Mustard and other meat sauces (except tomato):					
20353 11	Prepared mustard.....	.....do.....	24,378	30,577	21,576	21,562
20353 51	Other sauces for meat (Worcestershire, soy sauce, etc.).....	.....do.....	28,418	60,820	18,498	33,298
20353 71	Unfinished pickles (salt stock).....	.....do.....	196,146	7,617	228,514	9,772
20353 00	Sauces (excluding tomato) and unfinished pickles, n.s.k.....	.....do.....	7,487	2,980	(X)	2,991

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
			Total production (pack)			
2035- --	PICKLED FRUITS AND VEGETABLES, SAUCES, AND SALAD DRESSING—Con.					
20354 01	Salad dressings, mayonnaise, and sandwich spread with salad dressing base; ¹³					
	As reported in the census of manufactures.....	1,000 gallons..	160,216	278,616	127,853	240,547
	As reported on Census Annual Form MA20F.....	...do.....	160,327	279,848	126,150	238,445
	Dressing base:					
	Spoon-type:					
	Salad dressing.....	...do.....	62,683	81,641	54,873	83,012
	Mayonnaise.....	...do.....	66,315	121,537	50,717	107,313
	Sandwich spread.....	...do.....	6,936	14,197	6,981	14,986
	Refrigerated dressing.....	...do.....	1,212	3,861		
	All other spoon-type dressing.....	...do.....	3,300	7,498	2,519	7,479
	Pourable dressing:					
	French dressing.....	...do.....	10,361	22,804	8,561	18,823
	Oil and vinegar dressing.....	...do.....	4,484	15,392		
	Cheese dressing.....	...do.....	843	3,037	2,499	6,832
	Low calorie and dietetic dressing.....	...do.....	1,322	4,096		
	All other pourable type dressing.....	...do.....	2,871	5,785		
20350 00	Pickled fruits and vegetables, sauces, and salad dressing products, n.s.k.....	...do.....	17,331	17,955	(X)	17,879
2036- --	FRESH OR FROZEN PACKAGED FISH, TOTAL.....	1,000 pounds..	697,198	362,759	598,680	274,124
20361 --	Frozen packaged fish and other seafood, including soup.....	...do.....	517,082	266,963	453,938	203,254
	Frozen packaged fish, excluding shellfish:					
20361 11	Fillet and steaks.....	...do.....	95,376	32,468		
20361 12	Fish sticks.....	...do.....	89,908	38,478		
20361 14	Fish portions.....	...do.....	101,854	41,443		
	Frozen packaged shellfish:					
20361 16	Shrimp.....	...do.....	¹⁴ 113,568	88,054	453,938	203,254
20361 17	Other shellfish (oyster, crab, etc.).....	...do.....	33,280	22,948		
20361 19	Other frozen seafoods (soups, stews, chowders, dinners, pies, etc.).....	...do.....	44,380	23,583		
20361 00	Frozen packaged fish and other seafood, n.s.k.....	...do.....	⁴ 38,716	19,989		
20362 --	Fresh packaged fish and other seafood, total.....	...do.....	143,319	76,646	117,559	58,420
20362 13	Fresh packaged fish, excluding shellfish.....	...do.....	76,114	25,920		
20362 15	Fresh packaged shellfish.....	...do.....	43,180	37,882	117,559	58,420
20362 00	Fresh packaged fish and other seafood, n.s.k.....	...do.....	⁴ 24,016	12,844		
20360 00	Fresh or frozen packaged fish, n.s.k.....	...do.....	⁴ 36,806	19,150	⁴ 27,183	12,450
2037- --	FROZEN FRUITS, FRUIT JUICES, VEGETABLES, AND SPECIALTIES, TOTAL ¹⁵.....	.....	(X)	1,460,758	(X)	916,328
20371 --	Frozen fruits, juices, and ades.....	.....	(X)	436,263	(X)	357,955
	Frozen fruits and berries:					
20371 35	Strawberries.....	1,000 pounds..	212,571	44,582	195,980	41,699
20371 41	Red sour cherries.....	...do.....	51,630	8,832	56,816	8,457
20371 51	Peaches.....	...do.....	58,247	7,851	31,703	4,206
20371 55	Apples and applesauce.....	...do.....	95,340	10,773		
20371 69	Other frozen fruits and berries.....	...do.....	111,043	20,440	197,134	27,985
	Frozen fruit and berry juices, concentrated:					
	Orange juice:					
20371 81	4.1 oz.-7 oz.....	1,000 cases of 48.....	12,757	124,820	16,122	131,085
20371 82	10.1 oz.-13 oz.....	1,000 cases of 24.....	7,166	67,786	4,177	33,836
20371 83	Other sizes.....	1,000 cases...	4,954	39,161	6,227	28,995
	Lemonade:					
20371 85	4.1 oz.-7 oz.....	1,000 cases of 48.....	4,674	20,107	3,531	12,668
20371 86	10.1 oz.-13 oz.....	1,000 cases of 24.....	1,138	3,673	1,090	3,699
20371 87	Other sizes.....	1,000 cases...	1,000	3,261	814	2,273
	Grape juice:					
20371 90	4.1 oz.-7 oz.....	1,000 cases of 48.....	2,068	12,993	1,644	10,025
20371 91	10.1 oz.-13 oz.....	1,000 cases of 24.....	1,151	6,935	420	2,451
20371 92	Other sizes.....	1,000 cases...	552	4,350	1,403	6,987
20371 95	Other frozen fruit and berry juices, concentrated.....	...do.....	10,934	42,638	3,575	20,133
20371 00	Other frozen fruits, juices, and ades, n.s.k.....	.....	(X)	18,061	(X)	⁸ 23,456

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Production by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
			Total production (pack)			
2037- --	FROZEN FRUITS, FRUIT JUICES, VEGETABLES, AND SPECIALTIES ¹⁵ — Continued					
20372 --	Frozen vegetables.....	1,000 pounds..	2,669,730	395,953	1,352,342	231,184
20372 11	Asparagus.....	...do.....	26,997	11,279	23,232	8,617
20372 15	Beans, green and wax.....	...do.....	194,923	38,849	142,641	29,830
20372 21	Beans, fresh lima.....	...do.....	123,150	22,231	110,447	21,786
20372 25	Broccoli.....	...do.....	136,385	27,524	106,739	21,827
20372 31	Brussels sprouts.....	...do.....	46,719	13,024	34,566	8,830
20372 35	Cauliflower.....	...do.....	38,237	8,190	30,437	6,292
20372 41	Green peas.....	...do.....	317,936	50,077	241,053	35,392
20372 45	Spinach.....	...do.....	109,576	14,027	92,768	12,758
20372 47	Potatoes and potato products (French fried, patties, puffs, etc.).....	...do.....	906,936	107,997	245,949	40,474
20372 51	Sweet corn, cut.....	...do.....	169,558	25,814	111,143	15,718
20372 98	Other frozen vegetables ¹⁶.....	...do.....	586,164	74,991	213,206	29,559
20372 00	Frozen vegetables, n.s.k.....	...do.....	413,149	1,950	161	101
20373 --	Frozen prepared food and soups (other than seafood).....	...do.....	1,697,131	608,070	906,053	318,837
20373 11	Frozen pies (fruit and custard).....	...do.....	401,083	84,930	138,220	35,395
20373 15	Other frozen baked goods (waffles, cookies, cakes, pastries, etc.).....	...do.....	281,897	93,441	293,351	101,102
20373 21	Frozen meat and poultry pies.....	...do.....	290,079	121,626	203,352	64,419
20373 25	Frozen dinners.....	...do.....	273,965	133,530	5265,836	5116,986
20373 69	Other frozen specialties, except seafood, including Chinese foods, soups, etc. ¹⁷.....	...do.....	393,975	154,431		
20373 00	Frozen prepared foods and soups, n.s.k.....	...do.....	456,132	20,112	5,294	935
20370 00	Frozen fruits, fruit juices, vegetables, and specialties, n.s.k..	.....	(X)	20,472	(X)	8,352

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Since the Fish and Wildlife Service collected detailed information on commercial fisheries and fish processors, only limited product information was collected in the census of manufactures.

²In the census of manufactures, custom canners reported their receipts for contract work and did not report the quantity and value of their pack. This production is, however, included in the data published by the Fish and Wildlife Service. It is believed that this reporting difference resulted in the variation between census and Fish and Wildlife Service data. Contract receipts for custom canning for companies included in the canned and cured seafood industry amounted to \$2,784 in 1958 and \$8,429 thousand in 1963.

³May include a small amount of cured fish and other seafood, not specified by kind.

⁴Quantity estimated based on quantity-value relationship reported for other products.

⁵In 1958, frozen soups (except seafood), part of 1963 product code 2037369, were included in product codes 2032400 and 2032000.

⁶In the 1958 census, quantity and value data were collected for canned fruits and vegetables. The quantity data by can sizes were based on percentages supplied by the National Canners Association. In the 1963 census for the major products, quantity and value data were collected for two categories: the largest can size and all other can sizes combined. The quantity data for the "All other can sizes" are further allocated by can sizes based on percentages supplied by the National Canners Association. For such categories, the value data are not available.

⁷For 1958, data for sweet corn, cream style, are included with sweet corn, whole kernel.

⁸Separate data for fresh fruit juices were not collected in the 1958 census. A review of the 1958 census schedules for those establishments accounting for approximately 80% of the reported value of fresh fruit juice in 1963 indicated that in 1958 this product was included with orange juice, single strength, 1963 product codes 2033442 and 2033443, or frozen juices, not specified by kind, 1963 product code 2037100. For those establishments, the 1958 data have been tabulated. However, since the retabulation was not made for all producers of fresh fruit juices, the 1958 data are probably understated while the data for orange juice, single strength, and frozen fruit juices, not specified by kind, are overstated.

⁹In 1958, product code 2033485 was combined with product code 2033400 to avoid disclosing figures for individual companies.

¹⁰Includes a substantial quantity made from purchased puree.

¹¹Separate data for this product code 2033871 were not collected in 1958 and were included with product code 2033800.

¹²Data for product codes 2034111 and 2034118 are included with product code 2034129 to avoid disclosing figures for individual companies.

¹³In 1958, the census and current survey data for this product class differ because some small plants were omitted from the current survey. In 1963, the census and current survey data for this product class differ because the current survey includes some plants that are not primarily manufacturing plants, therefore, are not included in the census data.

¹⁴Excludes a substantial amount of shrimp frozen at manufacturing plants and cold storage warehouses on a contract basis for nonmanufacturing companies. The Fish and Wildlife Service, Department of the Interior, estimates the 169,000 thousand pounds of shrimp with a value of \$132,000 thousand were frozen in 1963.

¹⁵Census figures on the production of frozen fruits and vegetables are generally less than those developed by the National Association of Frozen Food Packers. The difference is more significant for fruits than for vegetables. Although a complete explanation of the lower census figures is not known, the census of manufactures excludes the following types of production: (1) products frozen on farms, at cold storage warehouses and locker plants and at establishments engaged primarily in wholesale or retail trade, (2) frozen fruits and vegetables packed under contract for which the packer is required to report only "commission receipts" in the census.

¹⁶Includes combinations of frozen vegetables.

¹⁷Data on frozen seafood soups are included in product code 2036119 in industry 2036, Fresh or Frozen Packaged Fish.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
203	Canned and frozen foods.....1963..	(¹)	(¹)	203	Canned and frozen foods—Continued		
	1958..	(¹)	(¹)	2035	Pickled fruits and vegetables, sauces and salad dressings.....1963..	145	105
2031	Canned and cured seafood.....1963..	112	114		1958..	116	106
	1958..	103	109	20352	Pickled fruits and vegetables.....1963..	125	130
2032	Canned specialties.....1963..	(¹)	(¹)		1958..	104	121
	1958..	(¹)	(¹)	20353	Sauces (excluding tomato) and unfinished pickles.....1963..	178	99
20321	Canned baby foods (except meat, cereal, and biscuits).....1963..	181	85		1958..	141	85
	1958..	121	102	20354	Salad dressings, mayonnaise, and sandwich spread with salad dressing base.....1963..	149	92
20323	Canned dry beans.....1963..	135	114		1958..	117	102
	1958..	121	106				
2033	Canned fruits and vegetables, preserves, jams and jellies.....1963..	139	126	2036	Fresh or frozen packaged fish.....1963..	178	143
	1958..	120	124		1958..	154	128
20331	Canned fruits (excluding baby foods).....1963..	127	101	20361	Frozen packaged fish and other seafood, including soup.....1963..	207	118
	1958..	115	104		1958..	184	104
20332	Canned vegetables.....1963..	141	97	20362	Fresh packaged fish and other seafood.....1963..	76	189
	1958..	119	96		1958..	62	175
20333	Canned hominy and mushrooms.....1963..	99	160				
	1958..	90	158	2037	Frozen fruit juices, vegetables, and specialties.....1963..	252	109
20334	Canned fruit juices, nectars, and concentrates (except juice for babies and frozen juice).....1963..	155	123		1958..	162	104
	1958..	121	116				
20335	Canned vegetable juices.....1963..	140	100	20371	Frozen fruits, juices, and ades...1963..	151	116
	1958..	135	106		1958..	138	104
20336	Catsup and other tomato sauces, pastes, etc.....1963..	161	119	20372	Frozen vegetables.....1963..	270	87
	1958..	142	111		1958..	142	96
20338	Jams, jellies and preserves.....1963..	128	110	20373	Frozen prepared food and soups (other than seafood).....1963..	398	138
	1958..	115	108		1958..	233	114
2034	Dried and dehydrated foods products..1963..	(¹)	(¹)				
	1958..	(¹)	(¹)				

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

TABLE 6C. Product Classes—Value of Production by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954 ²	1947 ²
20310	Canned and cured seafoods, including soup, except frozen.....	384,451	398,337	383,731	377,267	336,306	367,002	277,566	251,449
2032-	Canned specialties.....	946,582	984,655	958,365	908,700	857,769	827,554	(NA)	(NA)
20321	Canned baby foods, except meat.....	230,805	214,561	203,434	190,367	189,222	185,204	148,746	71,104
20323	Canned dry beans.....	200,287	(202,765)	(203,029)	185,682	179,852	166,854	131,125	116,338
20322 20324 20320	Canned soups (except frozen and seafood), other canned specialties and canned specialties, n.s.k.....	515,490	567,329	551,902	532,651	488,695	475,496	(NA)	(NA)
2033-	Canned fruits and vegetables.....	2,583,758	2,500,353	2,471,426	2,358,300	2,217,569	2,191,530	1,645,991	1,154,253
20331	Canned fruits.....	721,729	741,350	726,440	678,749	658,595	639,691	467,916	368,636
20332	Canned vegetables, except hominy and mushrooms.....	767,655	692,086	696,960	651,648	622,519	638,560	559,744	308,071
20333	Canned hominy and mushrooms.....	39,043	40,720	39,967	36,024	37,554	34,839	24,450	15,010
20334	Canned fruit juices.....	380,514	301,267	306,385	311,378	284,285	294,185	196,066	108,198
20335	Canned vegetable juices.....	91,078	97,190	95,010	90,429	88,439	93,314	64,522	39,147
20336	Catsup and other tomato sauces.....	297,902	325,064	293,120	279,599	233,610	245,621	155,710	146,976
20338	Jams, jellies, and preserves.....	227,309	250,334	252,816	239,168	231,032	197,901	159,956	152,636
20330	Canned fruits and vegetables, n.s.k.....	58,528	52,342	60,728	71,305	61,535	47,419	17,627	15,579
2034-	Dehydrated foods products ³	334,910	305,044	296,004	291,870	276,941	276,770	185,497	52,857
20341	Dried and dehydrated fruits and vegetables and freezer dried products, except soup ³ ...	284,523	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20342	Soup mixes (dried and dehydrated and freeze-dried) ³	44,514	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20340	Dehydrated foods products, n.s.k. ³	5,873	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2035-	Pickles, sauces, and salad dressings.....	619,036	614,260	584,007	546,216	522,947	496,107	402,758	337,566
20352	Pickles and other pickles products.....	220,471	219,381	212,067	202,321	190,776	170,058	135,598	88,912
20353	Meat sauces (except tomato) and unfinished pickles.....	101,994	88,826	82,232	80,421	74,838	67,623	56,903	421,858
20354	Salad dressings, mayonnaise and sandwich spreads.....	278,616	271,495	258,259	231,438	237,069	240,547	201,697	201,990
20350	Pickles and sauces, n.s.k.....	(17,955)	(34,558)	(31,449)	(32,036)	(20,264)	17,879	8,560	424,806
2036-	Fresh or frozen packaged fish.....	362,759	303,604	293,457	291,824	288,914	274,124	158,049	(NA)
20361	Frozen packaged fish and other seafood.....	266,963	238,958	227,735	223,705	211,109	203,254	103,951	30,852
20362	Fresh packaged fish and other seafood.....	76,646	(50,656)	(51,864)	(53,932)	(60,314)	58,420	53,552	(NA)
20360	Fresh or frozen packaged fish, n.s.k.....	19,150	(13,990)	(13,858)	(14,187)	(17,491)	12,450	546	(NA)
2037-	Frozen fruits and vegetables.....	1,460,758	1,250,182	1,197,867	1,123,884	998,242	916,328	551,636	(NA)
20371	Frozen fruits, juices, and ades.....	436,263	420,548	432,774	415,384	415,507	357,955	256,481	55,467
20372	Frozen vegetables.....	395,953	(290,872)	(289,444)	(271,110)	(234,208)	231,184	168,216	68,932
20373	Frozen prepared foods and soups (other than seafood).....	608,070	538,691	474,266	433,865	339,955	318,837	120,317	(NA)
20370	Frozen fruits and vegetables, n.s.k.....	20,472	(71)	(1,383)	(3,525)	(8,572)	8,352	6,622	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Excludes data for Alaska and Hawaii.

³Figures relate to value of shipments rather than value of production.

⁴In 1947, unfinished pickles were excluded from product class 20353 and included in product class 20350.

TABLE 6D. Product Classes-Value of Production by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of production		Product class and geographic area	Value of production	Product class and geographic area	Value of production	
	1963 ¹			1963 ¹		1963 ¹	
CANNED BABY FOODS, EXCEPT MEAT, CEREAL AND BISCUITS (20321)			CANNED FRUITS (20331)—Con.		CANNED FRUIT JUICES (20334)		
United States, total....	230,805		South—Continued		United States, total....	380,514	
Middle Atlantic.....	110,996		North Carolina.....	1,144	New England.....	11,738	
South Atlantic.....	27,208		South Carolina.....	1,981	Massachusetts.....	8,428	
All other divisions.....	92,601		Georgia.....	5,316	Middle Atlantic.....	85,287	
			Florida.....	35,168	New York.....	45,325	
			Texas.....	3,293			
CANNED SOUPS (EXCEPT FROZEN AND SEAFOOD), OTHER CANNED SPECIALTIES AND CANNED SPECIALTIES, N.S.K. (20322, 20324, 20320)			Mountain.....	2,642	East North Central.....	37,678	
United States, total....	515,490		Idaho.....	1,139	Indiana.....	5,799	
New England.....	3,038		Pacific.....	493,160	Illinois.....	16,037	
Middle Atlantic.....	174,080		Washington.....	24,949	Michigan.....	11,045	
New York.....	12,634		Oregon.....	18,844	West North Central.....	1,207	
North Central.....	243,441		California.....	356,919	South Atlantic.....	135,694	
Indiana.....	7,401		Hawaii.....	92,448	Maryland.....	3,111	
South.....	7,205		CANNED VEGETABLES, EXCEPT HOMINY AND MUSHROOMS (20332)		Virginia.....	2,146	
Maryland.....	2,646		United States, total....	767,655	Georgia.....	1,807	
Texas.....	2,097		New England.....	3,998	Florida.....	124,186	
West.....	87,726		Middle Atlantic.....	71,877	East South Central.....	2,730	
CANNED DRY BEANS (20323)			New York.....	47,195	West South Central.....	8,158	
United States, total....	200,287	166,854	New Jersey.....	12,763	Mountain.....	2,159	
Northeast.....	53,423	48,751	Pennsylvania.....	11,919			
New Jersey.....	19,293	15,027	East North Central.....	230,844	Pacific.....	95,863	
Pennsylvania.....	15,629	12,253	Ohio.....	9,208	Washington.....	8,853	
East North Central.....	62,373	55,244	Indiana.....	20,238	California.....	56,500	
Ohio.....	14,105	7,574	Illinois.....	57,237	Hawaii.....	29,679	
Indiana.....	26,338	28,956	Michigan.....	14,405	CANNED VEGETABLE JUICES (20335)		
Illinois.....	21,434	17,640	Wisconsin.....	129,756	United States, total....	91,078	93,314
West North Central.....	15,980	8,326	West North Central.....	58,816	Middle Atlantic.....	16,746	15,670
South Atlantic.....	9,917	7,685	Minnesota.....	55,865	New York.....	2,838	(2)
East South Central.....	15,599	11,407	South Atlantic.....	75,562	New Jersey.....	9,644	(2)
West South Central.....	18,196	16,754	Delaware.....	15,606	Pennsylvania.....	4,264	2,629
Oklahoma.....	2,711	(2)	Maryland.....	27,338	East North Central.....	36,903	32,217
Texas.....	11,373	11,418	Virginia.....	8,045	Ohio.....	16,913	13,293
Mountain.....	2,172	1,351	North Carolina.....	3,142	Indiana.....	10,536	8,708
Pacific.....	22,627	17,336	Georgia.....	7,759	Illinois.....	5,114	6,907
CANNED FRUITS (20331)			Florida.....	11,718	South.....	2,213	2,204
United States, total....	721,729		East South Central.....	15,031	Mountain.....	1,733	1,651
New England.....	14,443		West South Central.....	66,159	Pacific.....	33,483	37,905
Maine.....	3,707		Arkansas.....	13,738			
Massachusetts.....	10,413		Louisiana.....	21,319	CATSUP AND OTHER TOMATO SAUCES (20336)		
Middle Atlantic.....	87,340		Oklahoma.....	4,064	United States, total....	297,902	245,621
New York.....	45,243		Texas.....	27,038	Northeast.....	52,927	(2)
North Central.....	51,473		Mountain.....	27,192	New York.....	12,446	10,598
Illinois.....	7,412		Idaho.....	11,525	New Jersey.....	29,515	23,481
Michigan.....	27,175		Colorado.....	5,302	Pennsylvania.....	10,127	12,547
Wisconsin.....	4,117		Utah.....	8,734	North Central.....	58,230	33,803
South.....	72,671		Pacific.....	218,176	Ohio.....	23,279	14,685
Maryland.....	1,893		Washington.....	43,551	Indiana.....	19,265	11,456
Virginia.....	13,971		Oregon.....	53,828	South.....	5,253	(2)
			California.....	120,797	Texas.....	2,057	(2)
			CANNED HOMINY AND MUSHROOMS (20333)		Mountain.....	4,070	1,110
			United States, total....	39,043	Pacific.....	177,422	159,439
			Middle Atlantic.....	23,261	JAMS, JELLIES, AND PRESERVES (20338)		
			North Central.....	4,514	United States, total....	227,309	
			South.....	7,302	New England.....	8,949	
			West.....	3,966			
			California.....	2,623			

See footnotes at end of table.

TABLE 6D. Product Classes—Value of Production by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of production		Product class and geographic area	Value of production		Product class and geographic area	Value of production	
	1963 ¹			1963 ¹	1958		1963 ¹	
JAMS, JELLIES, AND PRESERVES (20338)—Con.			PICKLES AND OTHER PICKLED PRODUCTS (20352)—Continued			FROZEN PACKAGED FISH AND OTHER SEAFOOD (20361)		
Middle Atlantic.....	53,644		West North Central.....	9,271	8,727	United States, total...		266,963
New York.....	29,796		Missouri.....	3,098	2,691	New England.....		69,009
New Jersey.....	7,007		South Atlantic.....	32,017	24,548	Maine.....		4,191
Pennsylvania.....	16,841		Delaware.....	1,190	(Z)	Massachusetts.....		62,976
East North Central.....	67,731		Maryland.....	8,125	6,057	Middle Atlantic.....		27,658
Illinois.....	17,582		North Carolina.....	12,073	7,449	New Jersey.....		3,957
Michigan.....	9,560		East South Central.....	11,705	8,669	North Central.....		20,303
Wisconsin.....	1,926		West South Central.....	19,085	12,700	Illinois.....		1,409
West North Central.....	5,456		Texas.....	13,453	(Z)	South Atlantic.....		69,579
Missouri.....	1,222		Mountain.....	5,364	3,903	Maryland.....		4,962
South Atlantic.....	15,970		Pacific.....	35,003	26,051	Virginia.....		4,522
Georgia.....	4,948		Oregon.....	2,913	(Z)	Georgia.....		30,799
Florida.....	3,544		California.....	26,518	19,282	Florida.....		27,236
East South Central.....	11,414		MEAT SAUCES (EXCEPT TOMATO) AND UNFINISHED PICKLES (20353)			East South Central.....		4,062
West South Central.....	23,345		United States, total...	101,994	67,623	Alabama.....		2,561
Louisiana.....	5,258		Northeast.....	51,214	(²)	West South Central.....		34,091
Texas.....	10,651		Pennsylvania.....	17,003	8,269	Louisiana.....		5,486
West.....	40,800		East North Central.....	26,587	15,951	Texas.....		28,605
Oregon.....	4,609		Ohio.....	6,947	3,157	West.....		42,262
California.....	30,316		Indiana.....	1,770	1,860	Washington.....		17,745
DRIED AND DEHYDRATED FRUITS AND VEGETABLES AND FREEZER DRIED PRODUCTS, EXCEPT SOUPS (20341) ³			Illinois.....	9,152	5,304	California.....		16,716
United States, total...	284,523		Michigan.....	6,990	3,179	Alaska.....		5,368
Northeast.....	12,021		Wisconsin.....	1,728	2,451	FRESH PACKAGED FISH AND OTHER SEAFOOD (20362)		
New York.....	10,014		West North Central.....	1,790	(Z)	United State, total...	1963 ¹	1958
North Central.....	9,985		Missouri.....	1,264	(Z)	New England.....	76,646	58,420
South.....	4,441		South.....	13,324	11,823	Massachusetts.....	11,749	9,455
Mountain.....	32,027		Georgia.....	1,996	1,317	Middle Atlantic.....	11,101	8,274
Pacific.....	226,049		Louisiana.....	3,830	3,780	New York.....	7,514	6,530
Washington.....	9,221		Texas.....	2,271	(²)		4,259	(²)
California.....	215,052		West.....	9,079	(²)	South Atlantic.....	35,344	28,091
SOUP MIXES (DRIED AND DEHYDRATED AND FREEZE-DRIED) (20342) ³			California.....	6,674	4,470	Maryland.....	14,005	10,919
United States, total...	44,514		SALAD DRESSING, MAYONNAISE, AND SANDWICH SPREADS (20354)			Virginia.....	13,340	14,020
Northeast.....	29,890		United States, total...	278,616	240,547	North Carolina.....	1,102	(Z)
All other divisions.....	14,624		New England.....	5,022	4,691	Florida.....	4,573	2,404
Illinois.....	12,928		Middle Atlantic.....	45,956	44,190	West South Central.....	2,940	3,280
PICKLES AND OTHER PICKLED PRODUCTS (20352)	1963 ¹	1958	Pennsylvania.....	1,530	(²)	Louisiana.....	1,129	1,773
United States, total...	220,471	170,058	East North Central.....	66,971	66,064	Texas.....	1,811	1,507
New England.....	6,664	4,149	Ohio.....	9,632	6,689	Pacific.....	16,896	9,307
Middle Atlantic.....	21,731	23,873	Indiana.....	14,996	(²)	Washington.....	6,250	4,959
New York.....	10,830	12,358	Illinois.....	37,025	43,651	Oregon.....	6,322	1,285
New Jersey.....	5,137	4,507	West North Central.....	20,618	10,175	California.....	3,958	3,063
Pennsylvania.....	5,764	7,008	South Atlantic.....	41,223	33,954	All other divisions.....	2,203	(²)
East North Central.....	79,631	57,438	Maryland.....	10,141	10,129	FROZEN FRUITS, JUICES, AND ADES (20371)		
Ohio.....	9,018	(Z)	Georgia.....	21,278	(Z)	United States, total...		436,263
Indiana.....	3,646	(²)	East South Central.....	9,926	7,740	New England.....		4,378
Illinois.....	8,772	12,418	Alabama.....	6,202	(²)	Middle Atlantic.....		22,446
Michigan.....	43,558	21,959	West South Central.....	26,898	24,551	New York.....		18,644
Wisconsin.....	14,637	12,959	Texas.....	20,255	19,308	North Central.....		23,293
			West.....	62,002	(²)	Michigan.....		16,477
			Washington.....	6,757	(²)	Wisconsin.....		1,007
			California.....	53,748	40,492	South.....		273,185
						Florida.....		257,511
						Arkansas.....		2,234

See footnotes at end of table.

TABLE 6D. Product Classes—Value of Production by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of production		Product class and geographic area	Value of production		Product class and geographic area	Value of production
FROZEN FRUITS, JUICES, AND ADES (20371)—Continued	1963 ¹		FROZEN VEGETABLES (20372)—Continued	1963 ¹	1958	FROZEN PREPARED FOODS AND SOUPS (OTHER THAN SEAFOOD) (20373)—Continued	1963
West.....	112,961		Pacific.....	198,558	116,770	West North Central.....	143,287
Washington.....	20,854		Washington.....	60,930	32,105	Minnesota.....	16,026
Oregon.....	21,736		Oregon.....	61,626	31,016	Iowa.....	27,281
California.....	65,097		California.....	76,002	53,649		
FROZEN VEGETABLES (20372)	1963 ¹	1958	FROZEN PREPARED FOODS AND SOUPS (OTHER THAN SEAFOOD) (20373)	1963 ¹		South Atlantic.....	120,782
United States, total...	395,953	231,184	United States, total...	608,070		Georgia.....	14,330
New England.....	33,709	(2)	New England.....	10,617		Florida.....	13,559
Middle Atlantic.....	51,838	40,801	Middle Atlantic.....	90,313		East South Central.....	13,571
New York.....	30,939	17,943	New York.....	32,249		West South Central.....	41,040
East North Central.....	9,512	(2)	New Jersey.....	15,355		Oklahoma.....	3,306
Illinois.....	5,848	(2)	Pennsylvania.....	42,709		Texas.....	22,658
Michigan.....	1,693	(2)	East North Central.....	117,788		Mountain.....	3,675
West North Central.....	16,154	(2)	Ohio.....	31,684		Utah.....	1,444
South Atlantic.....	26,044	18,316	Indiana.....	4,991		Pacific.....	66,997
Delaware.....	6,262	5,129	Illinois.....	69,721		Washington.....	1,443
Maryland.....	6,045	6,132	Michigan.....	9,460		Oregon.....	4,222
East South Central.....	7,322	2,971	Wisconsin.....	1,932		California.....	61,309
West South Central.....	9,437	5,861					
Mountain.....	43,379	20,806					

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20321, New York, Pennsylvania, Indiana, Michigan, North Carolina, Florida, and California; 20322, 20324, and 20320, New Hampshire, New Jersey, Pennsylvania, Ohio, Illinois, Minnesota, Iowa, Nebraska, Georgia, Washington, and California; 20323, Maine, New York, Iowa, Nebraska, Kansas, Maryland, North Carolina, Kentucky, Tennessee, Arkansas, Arizona, Washington, and California; 20331, New Jersey, Pennsylvania, Ohio, Minnesota, West Virginia, and Colorado; 20332, Maine, Iowa, South Carolina, Tennessee, and Alabama; 20333, New York, Pennsylvania, Michigan, Delaware, and Tennessee; 20334, New Hampshire, New Jersey, Pennsylvania, Ohio, Wisconsin, Delaware, West Virginia, Kentucky, Arkansas, and Texas; 20335, Michigan, Virginia, Colorado, and California; 20336, Illinois, Iowa, Utah, and California; 20338, Massachusetts, Ohio, Indiana, Minnesota, North Dakota, Maryland, Virginia, Kentucky, Tennessee, Alabama, Arkansas, Oklahoma, and Washington; 20341, Illinois, North Dakota, Georgia, Texas, Idaho, Colorado, and Oregon; 20342, New York and New Jersey; 20352, Massachusetts, Minnesota, Iowa, Virginia, Georgia, Kentucky, Alabama, Mississippi, Arkansas, Louisiana, Colorado, and Washington; 20353, Connecticut, New York, New Jersey, Kentucky, and Colorado; 20354, Massachusetts, New York, New Jersey, Michigan, Wisconsin, Iowa, Missouri, South Carolina, Florida, Kentucky, Tennessee, Louisiana, and Oklahoma; 20361, Rhode Island, New York, Pennsylvania, Ohio, Missouri, Nebraska, Delaware, Mississippi, and Oregon; 20362, New Jersey, Georgia, and Alabama; 20371, Maine, Massachusetts, Pennsylvania, Ohio, Illinois, Virginia, Tennessee, Texas, and Hawaii; 20372, Maine, New Jersey, Pennsylvania, Wisconsin, Minnesota, Virginia, Georgia, Florida, Tennessee, Arkansas, Oklahoma, Texas, and Idaho; 20373, Massachusetts, Connecticut, Missouri, Nebraska, Delaware, Maryland, Virginia, West Virginia, North Carolina, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, and Arizona.

²Production of \$1 million or more was reported but exact figures are withheld to avoid disclosure of individual company figures.

³Figures relate to value of shipments rather than value of production.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2031.—CANNED AND CURED SEAFOODS				INDUSTRY 2036.—FRESH OR FROZEN PACKAGED FISH			
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	228,843	(X)	² 203,460	(X)	242,367	(X)	² 200,635
091211	Fin fish, round.....	Tons.....	476,827	126,929	(X)	115,217	246,296	86,174	(X)	68,036
091311	Shellfish.....	..do.....	76,621	23,133	(X)	14,813	140,236	87,990	(X)	79,604
209612	Fats and oils, all types (purchased as such).....	1,000 lbs...	36,729	4,923	17,583	2,549	19,959	3,016	4,497	821
340001	Metal containers.....		(X)	34,032	}	(X) 70,881	(X)	3,855	}	(X) 27,504
260091	Paper and paperboard containers.....		(X)	4,319			(X)	10,413		
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	21,214			(X)	20,611		
976000	Materials, n.s.k. ¹		(X)	14,293	(X)	(X)	(X)	30,308	(X)	24,670
			INDUSTRY 2033.—CANNED FRUITS AND VEGETABLES				INDUSTRY 2037.—FROZEN FRUITS AND VEGETABLES			
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	1,599,256	(X)	² 1,327,666	(X)	917,718	(X)	644,193
	Fresh fruit:									
012231	Oranges.....	Tons.....	886,632	62,085	394,543	23,693	1,783,172	146,146	2,296,082	144,432
012211	Apples.....	..do.....	601,862	29,631	494,053	19,963	112,102	6,501	19,492	847
012221	Apricots.....	..do.....	119,073	11,627	69,558	10,167	(³)	(³)	(³)	(³)
012241	Grapes.....	..do.....	242,941	25,844	241,869	22,797	(³)	(³)	(³)	(³)
012261	Peaches.....	..do.....	828,960	59,911	616,680	46,254	34,491	2,860	20,645	1,223
012271	Pears.....	..do.....	254,380	29,880	338,335	32,364	(³)	(³)	(³)	(³)
012273	Pineapples.....	..do.....	1,101,570	33,315	8,734	² 2,560	(³)	(³)	(³)	(³)
012281	Strawberries.....	..do.....	26,671	7,521	26,588	7,059	83,128	19,900	64,555	15,286
012291	Other fresh fruits.....	..do.....	(X)	65,593	(X)	53,972	(X)	38,197	(X)	25,753
	Fresh vegetables:									
012351	Cucumbers.....	..do.....	25,697	2,199	28,156	2,581	(X)	(X)	(X)	(X)
012311	Green peas.....	..do.....	352,671	32,831	347,222	33,872	201,039	21,373	129,120	13,571
011951	Irish potatoes.....	..do.....	199,743	6,387	66,093	2,140	1,015,392	29,362	257,217	8,491
012341	Tomatoes.....	..do.....	3,376,879	104,926	3,453,811	98,988	(³)	(³)	(³)	(³)
012331	Sweet corn.....	..do.....	1,334,719	26,713	959,620	17,912	331,477	9,038	219,165	5,161
012321	Snap or wax beans.....	..do.....	275,206	26,532	233,343	26,054	106,067	12,975	97,735	12,203
012391	Other fresh vegetables.....	..do.....	(X)	75,526	(X)	58,344	(X)	58,679	(X)	34,871
	Other materials, ingredients, containers, and supplies:									
203413	Dried beans.....	..do.....	53,237	9,244	60,030	11,775	(³)	(³)	(³)	(³)
206011	Sugar (cane and beet).....	Cwt.....	12,211,673	117,788	7,850,854	71,015	2,408,489	24,380	1,040,870	9,792
209612	Fats and oils, all types.....	1,000 lbs...	53,573	5,217	18,326	3,048	135,170	18,051	38,802	5,880
203411	Dried fruit.....	Tons.....	42,011	14,856	47,050	11,591	(³)	(³)	(³)	(³)
201013	Fresh and prepared meats, other than poultry.....	1,000 lbs...	4,636	1,472	(⁴)	(⁴)	135,695	53,936	(⁴)	(⁴)
204101	Wheat flour.....	Cwt.....	(³)	(³)	(³)	(²)	2,877,601	16,149	3,124,659	18,803
201501	Dressed poultry.....	1,000 lbs...	(³)	(³)	(³)	(²)	101,711	30,734	59,705	20,364
	Containers:									
265011	Paperboard containers.....		(X)	42,601	(X)	45,603	(X)	89,716	(X)	40,663
341101	Metal cans.....		(X)	389,469	(X)	351,714	(X)	50,587	(X)	48,524
322101	Glass containers.....		(X)	101,274	(X)	68,551	(X)	1,773	(X)	902
970099	All other materials, ingredients, containers, and supplies, consumed.....		(X)	233,960	(X)	213,331	(X)	246,987	}	(X) 237,427
976000	Materials, n.s.k. ¹		(X)	82,854	(X)	92,318	(X)	40,374		
			INDUSTRY 2032.—CANNED SPECIALTIES				INDUSTRY 2035.—PICKLES, SAUCES, SALAD DRESSINGS			
	Materials, ingredients, containers, and supplies consumed, total.....		(X)	566,792	(X)	474,646	(X)	402,825	(X)	341,763
	Fresh fruit:									
012231	Oranges.....	Tons.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
012211	Apples.....	..do.....	82,012	5,068	68,149	3,075	(³)	(³)	(³)	(³)
012221	Apricots.....	..do.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
012241	Grapes.....	..do.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
012261	Peaches.....	..do.....	40,676	3,019	29,283	2,140	(³)	(³)	(³)	(³)
012271	Pears.....	..do.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
012273	Pineapples.....	..do.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
012281	Strawberries.....	..do.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
012291	Other fresh fruits.....	..do.....	(³)	(³)	(³)	(³)	(X)	3,242	(X)	2,071

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2032.—CANNED SPECIALTIES Continued				INDUSTRY 2035.—PICKLES, SAUCES, SALAD DRESSINGS—Continued			
012351	Fresh vegetables:									
	Cucumbers.....	...do.....	(3)	(3)	(3)	(3)	472,328	32,344	326,668	20,776
012311	Green peas.....	...do.....	5,037	782	7,518	1,085	(3)	(3)	(3)	(3)
011951	Irish potatoes.....	...do.....	49,613	2,126	51,846	2,853	(3)	(3)	(3)	(3)
012341	Tomatoes.....	...do.....	636,227	20,495	591,188	18,322	(3)	(3)	7,844	251
012331	Sweet corn.....	...do.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
012321	Snap or wax beans.....	...do.....	13,749	1,498	11,930	1,418	(3)	(3)	(3)	(3)
012391	Other fresh vegetables.....	...do.....	(X)	20,229	(X)	18,893	(X)	3,285	(3)	(3)
	Other materials, ingredients, containers, and supplies:									
203413	Dried beans.....	...do.....	191,761	32,448	161,916	29,223	(3)	(3)	(3)	(3)
206011	Sugar (cane and beet).....	Cwt.....	1,710,112	16,765	1,138,381	10,337	2,666,051	26,692	1,568,410	14,101
209612	Fats and oil, all types.....	1,000 lbs...	54,578	7,460	31,058	5,660	836,338	95,140	665,198	94,992
203411	Dried fruit.....	Tons.....	1,975	814	2,610	1,030	(3)	(3)	(3)	(3)
201013	Fresh and prepared meats, other than poultry.....	1,000 lbs...	141,321	50,335	(4)	(4)	(3)	(3)	(4)	(4)
204101	Wheat flour.....	Cwt.....	1,479,386	10,441	(3)	(3)	(3)	(3)	(3)	(3)
201501	Dressed poultry.....	1,000 lbs...	166,271	64,521	68,680	23,103	(3)	(3)	(3)	(3)
	Containers:									
265011	Paperboard containers.....	.....	(X)	17,815	(X)	15,178	(X)	5,537	(X)	4,073
341101	Metal cans.....	.....	(X)	135,716	(X)	113,480	(X)	4,619	(X)	4,224
322101	Glass containers.....	.....	(X)	61,958	(X)	45,338	(X)	77,494	(X)	65,643
970099	All other materials, ingredients, containers, and supplies, consumed.....	.....	(X)		(X)		(X)	115,773	(X)	
976000	Material, n.s.k. ¹.....	.....	(X)	115,302	(X)	183,511	(X)	38,699	(X)	135,647

Code	Material	Unit of measure	1963		1958		
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	
			INDUSTRY 2034.—DEHYDRATED FOODS PRODUCTS				
	Materials, ingredients, containers, and supplies consumed, total.....	.....	(X)	200,256	(X)	\$180,956
012301	Fresh vegetables.....	Tons.....	735,035	26,611	}	(X)	\$180,956
012011	Fresh fruits.....	...do.....	(X)	3,053			
203411	Dried fruit.....	...do.....	399,574	121,976			
206011	Sugar (cane and beet).....	Cwt.....	166,748	1,648			
970099	All other materials, ingredients, containers, and supplies consumed.....	.....	(X)	39,161		
976000	Materials, n.s.k. ¹	(X)	7,807			

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

²Excludes materials, ingredients, containers, and supplies for the States of Alaska and Hawaii.

³Included in material code 970099, All other materials.

⁴Not collected separately in 1958.

⁵In 1958, data by individual material items were not collected.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Canned and cured seafoods (SIC 2031)	Canned specialties (SIC 2032)	Canned fruits and vegetables (SIC 2033)	Dehydrated foods products (SIC 2034)	Pickles, sauces, salad dressings (SIC 2035)	Fresh or frozen packaged fish (SIC 2036)	Frozen fruits and vegetables (SIC 2037)
Total cost of purchased fuels and electric energy.....\$1,000..	4,475	8,534	25,182	3,381	4,463	2,859	14,784
Total cost of purchased fuels.....do....	2,997	5,932	16,774	2,234	2,341	1,201	6,241
Bituminous coal, lignite, and anthracite:							
Quantity.....1,000 short tons..	4	354	254	11	29	-	10
Cost.....\$1,000..	61	2,668	2,308	105	261	-	97
Coke and breeze:							
Quantity.....1,000 short tons..	-	-	(S)	-	(S)	-	-
Cost.....\$1,000..	-	-	(S)	-	(S)	-	-
Fuel oil (distillate and residual):							
Quantity.....1,000 barrels of 42 gallons..	305	304	1,551	39	190	83	831
Cost.....\$1,000..	1,563	1,023	5,165	180	708	380	2,388
Gas (natural, manufactured, still, blast furnace, and coke oven):							
Quantity.....million cu.ft..	439	4,143	17,832	4,036	1,726	287	8,154
Cost.....\$1,000..	232	1,840	8,099	1,810	895	226	3,373
Other fuels.....do....	1,141	401	1,200	139	470	595	383
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	82	206	560	84	125	92	717
Cost.....\$1,000..	1,478	2,602	8,408	1,147	2,122	1,658	8,543
Generated less sold.....million kw.-hrs..	8	35	(S)	-	(S)	(S)	11
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	76	178	725	61	82	54	380
Prime movers, total.....do....	30	39	233	17	10	7	49
Driving generators.....do....	22	15	56	3	1	5	12
Not driving generators.....do....	8	24	177	14	9	2	37
Electric motors, total.....do....	50	159	492	45	72	47	346
Driven by purchased energy.....do....	46	139	492	45	72	47	331
Driven by energy generated at establishment.....do....	4	20	(Z)	-	(Z)	(Z)	14
Aggregate horsepower per 100 production workers.....	512	876	776	772	473	371	985

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2032	CANNED SPECIALTIES										
	Entire industry.....	173	25,156	127,168	20,378	40,691	92,340	540,835	627,494	1,169,299	25,582
	Establishments with—										
	90% or more specialization..	112	9,008	47,903	7,229	14,165	35,597	219,292	249,678	468,965	7,195
	75-89% specialization.....	20	6,699	36,690	5,343	10,352	26,295	151,848	163,891	316,903	3,767
20321	Canned baby food, except meat (primary product class of estab.)	13	5,287	25,496	4,327	8,426	19,447	144,623	149,844	295,650	4,650
20322	Canned soups (except frozen and seafood) other canned specialties and canned specialties, n.s.k.. (primary product class of estab.)	121	14,449	81,352	11,529	23,069	58,340	58,340	365,334	704,759	19,414
20323	Canned dry beans (primary product class of establishment).....	39	5,420	20,320	4,522	9,196	14,553	56,569	112,316	168,890	1,518
	Establishments with—										
	90% or more specialization...	12	641	1,752	547	936	1,398	7,131	11,339	18,471	145
	75-89% specialization.....	7	769	2,882	546	1,050	1,897	8,770	12,413	21,186	234
2033-	CANNED FRUITS AND VEGETABLES										
	Entire industry.....	1,430	102,388	382,059	90,749	169,188	303,485	1,029,467	1,707,279	2,742,787	66,574
	Establishments with—										
	90% or more specialization.	1,199	78,677	279,916	70,948	129,699	229,549	754,537	1,190,176	1,947,969	43,597
	75-89% specialization.....	82	9,271	39,869	7,776	15,917	28,978	92,434	169,260	261,700	10,517
20331	Canned fruits (primary product class of establishment).....	212	31,770	120,428	28,937	50,903	99,816	316,353	501,224	818,453	12,343
	Establishments with—										
	90% or more specialization...	99	8,482	31,480	7,755	13,672	26,112	88,630	135,743	225,222	3,125
	75-89% specialization.....	35	5,282	21,249	4,764	8,672	17,654	60,275	100,454	160,742	2,663
20332	Canned vegetables, except hominy and mushrooms (primary product class of establishment).....	558	39,856	127,756	36,133	66,482	104,602	326,740	463,023	789,804	15,800
	Establishments with—										
	90% or more specialization...	440	26,009	73,895	23,761	42,034	60,975	191,997	267,660	459,581	10,461
	75-89% specialization.....	39	4,947	18,081	4,415	8,727	14,650	43,728	57,461	101,195	1,906
20333	Canned hominy and mushrooms (primary product class of estab.)	24	1,928	5,749	1,719	2,960	4,107	16,498	26,114	42,592	999
	Establishments with—										
	90% or more specialization...	17	1,477	3,712	1,372	2,228	2,920	10,293	17,363	27,670	375
20334	Canned fruit juices (primary product class of establishment)..	96	8,287	35,098	7,029	14,893	26,122	118,766	232,043	351,787	8,652
	Establishments with—										
	90% or more specialization...	50	1,719	7,937	1,371	3,119	5,629	31,266	50,945	83,077	2,281
	75-89% specialization.....	16	768	4,067	616	1,429	2,629	13,246	28,903	42,330	650
20335	Canned vegetable juices (primary product class of establishment)..	24	1,985	7,557	1,802	3,375	6,339	19,898	33,719	53,811	(D)
	Establishments with—										
	75% and over.....	15	571	1,594	516	819	1,246	5,521	8,546	14,085	(D)
20336	Catsup and other tomato sauces (primary product class of establishment).....	82	8,585	44,227	7,303	14,871	35,074	125,825	201,251	329,141	19,491
	Establishments with—										
	90% or more specialization...	38	1,305	5,227	1,066	1,974	3,649	21,196	26,968	49,456	1,257
	75-89% specialization.....	6	355	2,154	302	754	1,819	5,758	11,596	17,377	465
20338	Jams, jellies, and preserves (primary product class of estab.)	120	6,040	30,606	4,538	9,664	19,345	83,654	212,935	298,214	4,171
	Establishments with—										
	90% or more specialization...	62	1,522	7,419	1,172	2,426	4,874	18,178	53,132	71,274	1,064
	75-89% specialization.....	16	1,033	4,921	801	1,666	2,998	14,765	30,101	44,943	1,083
2034-	DEHYDRATED FOODS PRODUCTS										
	Entire industry.....	176	9,152	41,650	7,843	15,333	31,243	115,795	208,934	1,318,660	16,199
	Establishments with—										
	90% or more specialization.	140	7,873	35,590	6,786	13,204	27,368	98,822	189,573	1,282,452	14,110
	75-89% specialization.....	6	459	2,244	363	692	1,108	5,264	5,941	11,236	619

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of production (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2034-	DEHYDRATED FOODS PRODUCTS—Con.										
20341	Dried and dehydrated fruits and vegetables and freezer dried products, except soups (primary product class of estab.).....	100	7,977	36,622	6,813	13,379	27,305	91,930	186,051	1,272,408	14,740
	Establishments with—										
	90% or more specialization....	89	7,105	32,673	6,096	11,924	24,915	82,846	175,561	1,252,115	13,406
	75-89% specialization.....	4	441	2,161	349	658	1,050	5,147	5,626	110,805	610
2035-	PICKLES, SAUCES, SALAD DRESSINGS										
	Entire industry.....	588	19,041	83,713	15,426	29,891	58,295	249,397	427,641	677,268	10,967
	Establishments with—										
	90% or more specialization..	501	11,466	44,984	9,522	18,169	32,237	119,065	193,353	311,699	4,633
	75-89% specialization.....	31	2,373	12,506	1,645	3,386	7,024	37,607	49,071	87,015	867
20352	Pickles and other pickled products (primary product class of estab.)	246	10,986	40,334	9,197	17,459	28,545	94,104	125,065	219,342	4,388
	Establishments with—										
	90% or more specialization....	198	7,101	25,393	6,057	11,536	18,603	55,119	74,898	129,844	2,919
	75-89% specialization.....	20	1,438	5,763	1,230	2,388	4,327	16,621	19,474	36,201	605
20353	Meat sauces (except tomato) and unfinished pickles (primary product class of estab.).....	74	2,161	10,911	1,605	3,132	6,740	52,654	46,072	97,967	784
	Establishments with—										
	90% or more specialization....	55	800	3,718	600	1,154	2,393	12,604	13,122	24,965	256
20354	Salad dressing, mayonnaise and sandwich spreads (primary product class of estab.).....	95	5,040	29,840	3,946	8,029	21,073	95,416	247,190	343,397	5,210
	Establishments with—										
	90% or more specialization....	49	1,434	7,840	1,127	2,228	5,449	29,410	69,686	99,222	851
	75-89% specialization.....	10	888	5,702	559	1,135	3,031	11,986	29,532	41,512	178
2036-	FRESH OR FROZEN PACKAGED FISH										
	Entire industry.....	547	20,066	56,471	17,936	32,147	44,619	118,451	272,746	391,174	6,095
	Establishments with—										
	90% or more specialization..	506	17,980	48,821	16,048	28,468	38,519	103,530	236,744	340,268	5,427
	75-89% specialization.....	10	603	1,365	543	826	1,104	1,963	4,143	6,106	120
20361	Frozen packaged fish and other seafood (primary product class of establishment).....	170	12,210	39,218	10,875	20,407	30,282	84,745	208,635	293,352	3,783
	Establishments with—										
	90% or more specialization....	129	9,974	30,825	8,939	16,548	23,995	62,741	158,513	221,215	3,043
	75-89% specialization.....	13	567	1,212	512	879	1,001	2,720	5,775	8,470	157
20362	Fresh packaged fish and other seafood (primary product class of establishment).....	213	5,625	13,208	5,052	8,143	10,708	24,408	52,574	76,997	1,532
	Establishments with—										
	90% or more specialization....	180	4,380	9,732	3,952	6,395	7,976	18,230	37,999	56,249	1,169
	75-89% specialization.....	16	618	1,629	533	862	1,276	2,940	6,433	9,366	106
2037-	FROZEN FRUITS AND VEGETABLES										
	Entire industry.....	650	51,750	202,398	44,689	86,664	154,406	550,231	999,531	1,548,663	44,569
	Establishments with—										
	90% or more specialization..	549	40,165	154,128	35,039	66,870	118,875	402,050	718,562	1,120,640	23,111
	75-89% specialization.....	33	2,765	12,002	2,231	4,470	8,033	32,561	70,047	102,323	1,640
20371	Frozen fruits, juices, and ades (primary product class of estab.)	128	8,804	36,387	7,160	14,769	23,233	130,016	334,538	463,955	8,777
	Establishments with—										
	90% or more specialization....	78	3,391	13,282	2,888	5,903	10,082	49,530	146,732	196,911	2,700
	75-89% specialization.....	15	1,042	4,519	795	1,602	2,796	14,013	44,236	58,247	426
20372	Frozen vegetables (primary product class of establishment).....	130	22,851	82,925	20,656	37,712	68,368	177,601	258,088	435,156	11,850
	Establishments with—										
	90% or more specialization....	95	15,548	54,765	14,194	25,359	45,441	117,758	174,046	291,699	7,325
	75-89% specialization.....	15	3,729	14,794	3,181	5,937	11,527	30,884	38,517	69,405	2,083
20373	Frozen prepared foods and soups (other than seafood) (primary product class of establishment)..	248	18,696	79,110	15,616	31,745	56,524	233,095	394,468	627,605	10,765
	Establishments with—										
	90% or more specialization....	200	13,345	57,098	11,124	22,839	40,468	172,956	289,584	462,619	8,877
	75-89% specialization.....	23	1,763	7,873	1,395	2,795	5,108	23,012	40,681	63,456	884

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Figures relate to value of shipments rather than value of production.

ORIGINAL ARTICLES	DEPARTMENTS
1. The Treatment of Acute Appendicitis	2. The Treatment of Chronic Appendicitis

3. The Treatment of Acute Appendicitis	4. The Treatment of Chronic Appendicitis
5. The Treatment of Acute Appendicitis	6. The Treatment of Chronic Appendicitis
7. The Treatment of Acute Appendicitis	8. The Treatment of Chronic Appendicitis
9. The Treatment of Acute Appendicitis	10. The Treatment of Chronic Appendicitis
11. The Treatment of Acute Appendicitis	12. The Treatment of Chronic Appendicitis
13. The Treatment of Acute Appendicitis	14. The Treatment of Chronic Appendicitis
15. The Treatment of Acute Appendicitis	16. The Treatment of Chronic Appendicitis
17. The Treatment of Acute Appendicitis	18. The Treatment of Chronic Appendicitis
19. The Treatment of Acute Appendicitis	20. The Treatment of Chronic Appendicitis
21. The Treatment of Acute Appendicitis	22. The Treatment of Chronic Appendicitis
23. The Treatment of Acute Appendicitis	24. The Treatment of Chronic Appendicitis
25. The Treatment of Acute Appendicitis	26. The Treatment of Chronic Appendicitis
27. The Treatment of Acute Appendicitis	28. The Treatment of Chronic Appendicitis
29. The Treatment of Acute Appendicitis	30. The Treatment of Chronic Appendicitis
31. The Treatment of Acute Appendicitis	32. The Treatment of Chronic Appendicitis
33. The Treatment of Acute Appendicitis	34. The Treatment of Chronic Appendicitis
35. The Treatment of Acute Appendicitis	36. The Treatment of Chronic Appendicitis
37. The Treatment of Acute Appendicitis	38. The Treatment of Chronic Appendicitis
39. The Treatment of Acute Appendicitis	40. The Treatment of Chronic Appendicitis
41. The Treatment of Acute Appendicitis	42. The Treatment of Chronic Appendicitis
43. The Treatment of Acute Appendicitis	44. The Treatment of Chronic Appendicitis
45. The Treatment of Acute Appendicitis	46. The Treatment of Chronic Appendicitis
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49. The Treatment of Acute Appendicitis	50. The Treatment of Chronic Appendicitis
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53. The Treatment of Acute Appendicitis	54. The Treatment of Chronic Appendicitis
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77. The Treatment of Acute Appendicitis	78. The Treatment of Chronic Appendicitis
79. The Treatment of Acute Appendicitis	80. The Treatment of Chronic Appendicitis
81. The Treatment of Acute Appendicitis	82. The Treatment of Chronic Appendicitis
83. The Treatment of Acute Appendicitis	84. The Treatment of Chronic Appendicitis
85. The Treatment of Acute Appendicitis	86. The Treatment of Chronic Appendicitis
87. The Treatment of Acute Appendicitis	88. The Treatment of Chronic Appendicitis
89. The Treatment of Acute Appendicitis	90. The Treatment of Chronic Appendicitis
91. The Treatment of Acute Appendicitis	92. The Treatment of Chronic Appendicitis
93. The Treatment of Acute Appendicitis	94. The Treatment of Chronic Appendicitis
95. The Treatment of Acute Appendicitis	96. The Treatment of Chronic Appendicitis
97. The Treatment of Acute Appendicitis	98. The Treatment of Chronic Appendicitis
99. The Treatment of Acute Appendicitis	100. The Treatment of Chronic Appendicitis

GRAIN MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2041—Flour and Other Grain Mill Products
- 2042—Prepared Feeds for Animals and Fowls
- 2043—Cereal Preparations
- 2044—Rice Milling
- 2045—Blended and Prepared Flour
- 2046—Wet Corn Milling

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

Establishments in this group of industries frequently supplement their manufacturing activities with sales of grain and of commodities produced elsewhere. Such establishments were classified in manufacturing if at least 25 percent of their total receipts were from manufacturing activities, except for industry 2042, Prepared Animal Feeds, where it was required that receipts from manufacturing exceed receipts from merchandising. Most establishments which mixed some feed but did not meet these criteria were included in the 1963 Census of Business, except for some whose principal activity (e.g. custom milling) fell outside the scope of any of the 1963 economic censuses.

2041—FLOUR AND OTHER GRAIN MILL PRODUCTS

This industry comprises establishments primarily engaged in milling flour or meal from grain, except rice (industry 2044). The products of flour mills may be sold plain or in the form of prepared mixes for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes from purchased ingredients are classified in industry 2045. For a detailed list of products of industry 2041, refer to table 6A, product codes 2041102 to 2041000.

Value of shipments and other receipts of Flour Mills totaled \$2,177 million. This amount included shipments of flour, flour mixes, and meal (primary products) valued at \$1,939 million, shipments of other products (secondary products) valued at \$124 million, and miscellaneous receipts (chiefly resales) at \$113 million.

This industry's shipments of flour, flour mixes, and meal represented 94 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent.

Shipments of flour, flour mixes, and meal by this industry represented 78 percent of all shipments of these products (\$2,481 million) by all industries. In 1958 the coverage ratio was 85 percent. In 1963, the total value of flour mixes shipped from all manufacturing establishments was \$525 million, of which \$105 million was shipped by establishments classified in industry 2041 and \$325 million by those classified in industry 2045, Blended and Prepared Flour.

Because of the similarity of the products of industry 2045 to those of industry 2041, it is desirable for some purposes to combine the statistics for the two industries. Viewed as a combined industry, the specialization ratio for 1963 was 91 percent, and the coverage ratio 91 percent.

The production index for the primary products of the industry increased to 128 in 1963 from the 1958 level of 111. The unit value index for 1963 was 89 compared to 91 in 1958. Both indexes were computed on a basis of 1954 = 100.

2042—PREPARED FEEDS FOR ANIMALS AND FOWLS

This industry comprises establishments primarily engaged in manufacturing prepared feeds for animals and fowls. Prepared feeds include poultry feed, livestock feed, dog food, and other pet foods (canned, frozen, and dry). This industry also includes establishments primarily engaged in manufacturing certain feed ingredients and adjuncts, such as alfalfa meal, feed supplements, and feed concentrates. Mills primarily engaged in custom grinding of feeds or other agricultural services are excluded from the census of manufactures.

Substantial quantities of prepared feeds are mixed at locations which are not included in the census of manufactures, such as grain elevators, custom or grist mills, farm supply stores, chick hatcheries, commercial broiler raising establishments, and cattle-feeding operations.

The specialization and coverage ratios for industry 2042 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (table 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 139 in 1963 from the 1958 level of 115. The unit value index for 1963 was 91 compared to 94 in 1958. Both indexes were computed on a basis of 1954 = 100.

2043—CEREAL PREPARATIONS

This industry comprises establishments primarily engaged in manufacturing cereal breakfast foods and related preparations. Establishments primarily engaged in manufacturing hominy grits for human consumption are classified in industry 2041, Flour Mills. For a detailed list of products of industry 2043, refer to table 6A, product codes 2043011 to 2043000.

Value of shipments and other receipts of the Cereal Preparations Industry totaled \$625 million. This amount included shipments of cereal preparations (primary products) valued at \$481 million, shipments of other products (secondary products), and miscellaneous receipts (mainly resales) at \$144 million.

This industry's shipments of cereal preparations represented 80 percent of its total product shipments. The industry specialization ratio in 1958 was 80 percent.

Shipments of cereal preparations by this industry represented 86 percent of all shipments of these products (\$561 million) by all industries. In 1958, the coverage ratio was 82 percent.

The production index for the primary products of the industry increased to 148 in 1963 from the 1958 level of 114. The unit value index for 1963 was 114, the same level as in 1958. Both indexes were computed on a basis of 1954 = 100.

2044—RICE MILLING

This industry comprises establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Important products of this industry include brown rice, milled rice (including polished rice), rice polish, rice bran, and rice flour.

The specialization and coverage ratios for industry 2044 were approximately 100 percent in both 1963 and 1958 indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 158 in 1963 from the 1958 level of 104. The unit value index for 1963 was 97 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2045—BLENDED AND PREPARED FLOUR

This industry comprises establishments primarily engaged in the preparation of blended flours and flour mixes from purchased flour (including flour transferred from flour mills owned by the same company). Important products of this industry include plain blended flour, and phosphated, self-rising, and other kinds of prepared flour mixes such as biscuit, cake, doughnut, and pancake mixes. This industry also includes establishments engaged primarily in producing refrigerated doughs from purchased flour. Prior to 1963, refrigerated doughs were not specifically listed on the report forms. The products and usually the plant were classified in either industry 2037, Frozen Fruits and Vegetables, or industry 2099, Food Preparations, N.E.C., depending upon the description of the refrigerated dough furnished by the respondent. A review of the report for 1958 to 1962 indicated that it was not feasible to retabulate the data for this industry (2045) to include the refrigerated dough producers. Therefore, in order to obtain 1963 data comparable to that shown in prior years, the information is shown in table 1 under the new industry classifications which includes the refrigerated dough plants and under the old industry classification which excludes the refrigerated dough plants. Establishments making the same products from flour milled at the same location are classified in industry 2041, Flour Mills.

Value of shipments and other receipts of the Blended and Prepared Flour Industry totaled \$434 million. This amount included shipments of prepared flour and flour mixes (primary products) valued at \$325 million, shipments of other products (secondary products) valued at \$89 million, and miscellaneous receipts (mainly resales) at \$20 million.

This industry's shipments of prepared flour and mixes represented 78 percent of its total product shipments. The industry specialization ratio in 1958 was 68 percent.

Shipments of prepared flour by this industry represented 62 percent of all shipments of these products (\$526 million) by all industries. In 1958 the coverage ratio was 50 percent.

Because of the similarity of the products of industry 2045 to those of industry 2041, it is desirable for some purposes to combine the statistics for the two industries. Viewed as a combined industry, the specialization ratio for 1963 was 91 percent, and the coverage ratio 91 percent.

The production index for the primary products of the industry increased to 152 in 1963 from the 1958 level of 117. The unit value index for 1963 was 107 compared to 99 in 1958. Both indexes were computed on a basis of 1954 = 100.

2046-- WET CORN MILLING

This industry comprises establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and byproducts, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients, and those manufacturing starch base dessert powders, are classified in industry 2099; those primarily engaged in manufacturing corn meal and grits are classified in industry 2041, Flour Mills.

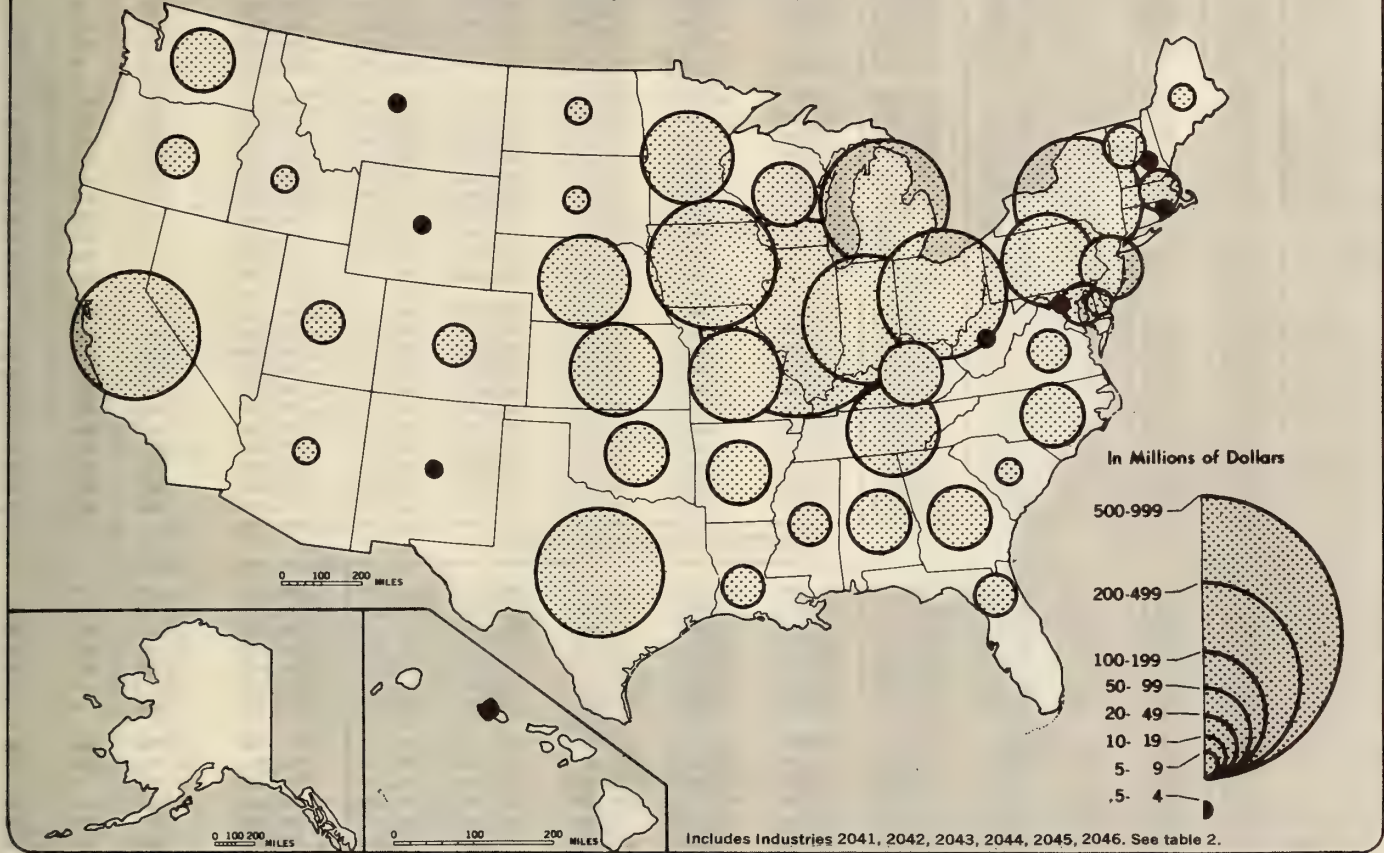
Value of shipments and other receipts of the Wet Corn Milling Industry in 1963 totaled \$622. This included shipments of wet corn milling products and byproducts valued at \$511, shipments of other products (secondary products) valued at \$101, and miscellaneous receipts (mainly resales) at \$10 million.

This industry's shipments of wet corn milling products and byproducts represented 83 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent.

Shipments of wet corn milling products and byproducts by this industry represented 93 percent of these products (\$547 million) by all industries. In 1958, the coverage ratio was 98 percent.

The production index for the primary products of the industry increased to 133 in 1963 from the 1958 level of 115. The unit value was 98 in both 1963 and 1958. Both indexes were computed on a basis of 1954 = 100.

GRAIN MILLS: SIC 204 **Value Added by Manufacture by State: 1963**



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2041.—FLOUR MILLS														
1963.....	510	618	218	22,405	137,663	16,435	38,422	94,942	373,090	1,804,002	2,176,529	23,485	94	78
1962 ¹	(NA)	(NA)	(NA)	25,702	149,515	18,893	43,789	100,044	441,284	1,929,448	2,369,367	25,720	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	26,565	151,772	19,360	44,425	100,679	447,084	1,891,887	2,331,363	24,130	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	27,228	144,854	19,540	44,804	96,994	444,369	1,800,550	2,240,323	28,539	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	28,503	143,983	20,797	46,513	98,023	410,897	1,758,767	2,166,260	31,126	(NA)	(NA)
1958.....	703	814	250	28,215	140,121	20,519	44,111	96,165	393,053	1,693,756	2,086,706	22,109	93	85
1957 ¹	(NA)	(NA)	(NA)	27,085	124,496	19,931	43,827	86,130	347,609	1,465,703	1,827,969	17,670	94	83
1956 ¹	(NA)	(NA)	(NA)	27,996	123,317	20,665	45,446	86,008	339,286	1,475,062	1,820,843	17,564	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	28,822	122,422	21,177	46,860	85,714	326,717	1,551,471	1,860,827	16,288	(NA)	(NA)
1954.....	692	803	260	28,969	119,844	21,447	47,919	83,813	330,634	1,671,996	2,002,227	15,240	94	84
1953 ¹	(NA)	(NA)	(NA)	31,204	121,783	23,916	54,638	89,967	360,329	1,599,249	1,959,578	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	34,661	134,840	26,120	59,788	95,658	386,051	1,843,066	2,229,117	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	34,664	128,435	26,547	59,223	90,129	378,608	1,794,966	2,173,574	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	34,397	118,016	26,358	57,133	81,548	346,608	1,530,593	1,877,201	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	35,706	113,978	27,425	61,032	78,421	284,774	1,518,543	1,803,317	(NA)	(NA)	(NA)
1947.....	1,047	1,243	393	39,597	119,533	30,821	(NA)	86,000	410,774	2,115,872	2,526,646	(NA)	(NA)	(NA)
1939 ²	(NA)	2,143	(NA)	35,978	49,375	24,771	(NA)	28,370	143,882	506,061	649,943	(NA)	(NA)	(NA)
1937.....	(NA)	2,238	(NA)	32,977	44,008	26,390	(NA)	30,186	133,599	722,711	856,310	(NA)	(NA)	(NA)
1935.....	(NA)	2,193	(NA)	33,805	41,860	26,495	(NA)	27,105	136,997	716,222	853,219	(NA)	(NA)	(NA)
1933.....	(NA)	1,932	(NA)	28,713	31,374	23,207	(NA)	22,591	134,332	432,671	567,003	(NA)	(NA)	(NA)
1931.....	(NA)	2,412	(NA)	(NA)	(NA)	22,840	(NA)	27,298	136,950	461,091	598,041	(NA)	(NA)	(NA)
1929.....	(NA)	4,022	(NA)	35,792	55,667	27,028	(NA)	35,072	191,396	868,873	1,060,269	(NA)	(NA)	(NA)
1927.....	(NA)	4,035	(NA)	40,128	59,791	29,982	(NA)	37,559	176,049	972,711	1,148,760	(NA)	(NA)	(NA)
1925 ³	(NA)	4,413	(NA)	42,775	62,693	31,988	(NA)	39,700	172,636	1,125,379	1,298,015	(NA)	(NA)	(NA)
1923.....	(NA)	5,232	(NA)	48,029	68,035	35,194	(NA)	41,704	162,605	885,972	1,048,577	(NA)	(NA)	(NA)
1921.....	(NA)	6,485	(NA)	48,137	68,818	35,378	(NA)	43,143	185,930	993,810	1,179,740	(NA)	(NA)	(NA)
1919.....	(NA)	10,708	(NA)	63,832	82,901	45,481	(NA)	50,888	253,253	1,799,181	2,052,434	(NA)	(NA)	(NA)
1914.....	(NA)	10,788	(NA)	52,966	40,963	39,718	(NA)	24,593	125,410	752,270	877,680	(NA)	(NA)	(NA)
1909.....	(NA)	11,691	(NA)	51,484	33,981	39,453	(NA)	21,464	116,008	767,576	883,584	(NA)	(NA)	(NA)
1904.....	(NA)	10,051	(NA)	46,525	27,175	39,110	(NA)	19,822	93,062	619,971	713,033	(NA)	(NA)	(NA)
1899.....	(NA)	9,476	(NA)	37,748	21,543	32,226	(NA)	16,285	73,279	428,117	501,396	(NA)	(NA)	(NA)
INDUSTRY 2042.—PREPARED ANIMAL FEEDS														
1963.....	2,150	2,590	711	54,649	278,729	34,564	75,669	159,079	983,691	2,903,596	3,880,122	53,394	96	93
1962 ¹	(NA)	(NA)	(NA)	56,205	279,907	36,404	79,452	159,203	881,372	2,772,867	3,652,156	56,744	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	55,842	271,152	36,432	80,424	157,092	861,366	2,611,119	3,478,359	44,727	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	56,388	263,193	36,933	80,143	152,722	807,719	2,445,974	3,262,390	49,642	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	56,870	256,078	37,321	80,635	150,731	804,025	2,465,942	3,264,980	56,255	(NA)	(NA)
1958.....	2,016	2,379	715	57,313	252,346	38,010	81,406	151,819	798,892	2,444,799	3,238,414	55,042	97	91
1957.....	(NA)	(NA)	(NA)	58,579	241,654	38,884	84,769	142,531	685,873	2,024,891	2,672,507	36,902	95	90
1956 ¹	(NA)	(NA)	(NA)	59,471	239,128	40,202	87,394	141,257	671,309	2,009,957	2,645,964	50,826	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	58,861	226,674	40,418	88,243	136,732	650,686	1,952,622	2,556,812	42,511	(NA)	(NA)
1954.....	2,037	2,292	685	59,890	225,199	41,290	91,220	138,520	629,963	2,354,603	2,981,435	36,812	95	90
1953 ¹	(NA)	(NA)	(NA)	54,845	200,340	38,870	85,604	125,409	522,794	1,875,862	2,398,656	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	56,571	200,837	40,777	93,818	132,176	554,849	2,228,677	2,783,526	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	56,238	189,008	39,710	90,158	121,734	514,200	1,932,808	2,477,008	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	58,505	176,598	40,032	87,916	112,146	498,921	1,703,225	2,202,146	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	55,206	162,457	38,449	84,700	98,329	414,705	1,536,394	1,951,099	(NA)	(NA)	(NA)
1947.....	2,372	2,688	(NA)	55,152	142,562	40,115	(NA)	93,124	393,049	1,719,192	2,112,241	(NA)	(NA)	(NA)
1939.....	(NA)	1,383	(NA)	24,177	31,803	15,401	(NA)	16,253	99,240	302,640	401,880	(NA)	(NA)	(NA)
1937.....	(NA)	1,126	(NA)	19,190	24,486	14,397	(NA)	15,839	76,706	338,505	415,211	(NA)	(NA)	(NA)
1935.....	(NA)	942	(NA)	15,427	18,348	11,606	(NA)	11,068	58,040	230,622	288,662	(NA)	(NA)	(NA)
1933.....	(NA)	710	(NA)	11,340	11,496	8,791	(NA)	7,866	39,273	122,070	161,343	(NA)	(NA)	(NA)
1931.....	(NA)	796	(NA)	(NA)	(NA)	8,449	(NA)	9,402	47,187	162,734	209,921	(NA)	(NA)	(NA)
1929.....	(NA)	750	(NA)	14,384	22,400	10,223	(NA)	12,821	74,833	327,920	402,753	(NA)	(NA)	(NA)
1927 ⁴	(NA)	447	(NA)	11,378	17,475	7,632	(NA)	9,703	55,117	244,676	299,793	(NA)	(NA)	(NA)
INDUSTRY 2043.—CEREAL PREPARATIONS														
1963.....	35	48	30	11,358	75,098	9,416	18,829	59,575	365,022	264,674	625,058	15,273	80	86
1962 ¹	(NA)	(NA)	(NA)	12,110	77,118	9,562	18,848	55,609	325,758	251,523	576,999	20,877	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	11,592	73,370	8,988	18,085	52,272	283,788	221,260	503,451	17,532	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,075	68,277	8,569	17,893	48,730	266,477	215,504	482,813	14,439	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	11,142	65,995	8,737	17,511	47,885	254,780	206,712	460,462	21,533	(NA)	(NA)
1958.....	33	43	25	10,927	61,902	8,490	16,803	44,101	243,088	202,045	444,132	17,674	80	81
1957 ¹	(NA)	(NA)	(NA)	11,369	60,483	8,831	17,457	43,517	210,442	181,128	386,570	6,891	81	81
1956 ¹	(NA)	(NA)	(NA)	11,614	57,552	9,039	18,188	41,851	203,540	165,147	366,577	8,070	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	11,397	53,140	9,064	18,119	39,738	183,040	170,219	348,700	8,284	(NA)	(NA)
1954 ⁵	37	46	27	11,534	51,002	9,149	18,211	38,062	177,171	188,004	365,728	4,403	77	80
1953 ¹	(NA)	(NA)	(NA)	12,027	49,385	9,776	(NA)	38,357	178,177	107,184	375,361	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	14,129	54,282	11,404	23,614	40,697	190,001	23,430	427,431	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2043.—CEREAL PREPARATIONS—Continued														
1951 ¹	(NA)	(NA)	(NA)	14,212	51,345	11,678	23,870	39,075	177,414	238,219	415,633	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	13,663	46,083	10,535	21,806	33,801	159,847	201,953	361,800	(NA)	(NA)	(NA)
1947.....	55	64	(NA)	11,276	30,689	9,496	19,540	25,160	130,188	154,478	284,666	(NA)	68	87
1939.....	(NA)	70	(NA)	9,033	13,647	7,458	(NA)	9,857	70,349	58,034	128,383	(NA)	(NA)	(NA)
1937 ⁶	(NA)	71	(NA)	(NA)	(NA)	7,725	(NA)	10,419	65,680	85,181	150,861	(NA)	(NA)	(NA)
1935.....	(NA)	110	(NA)	9,204	11,531	7,890	(NA)	8,526	64,248	82,433	146,681	(NA)	(NA)	(NA)
1933.....	(NA)	103	(NA)	8,135	9,064	7,115	(NA)	7,270	56,011	55,015	111,026	(NA)	(NA)	(NA)
1931.....	(NA)	111	(NA)	(NA)	(NA)	7,018	(NA)	9,005	72,156	69,427	141,583	(NA)	(NA)	(NA)
1929.....	(NA)	121	(NA)	8,158	12,231	6,488	(NA)	8,876	73,751	101,472	175,223	(NA)	(NA)	(NA)
1927.....	(NA)	77	(NA)	7,210	11,032	6,028	(NA)	8,417	63,815	91,748	155,563	(NA)	(NA)	(NA)
1925.....	(NA)	90	(NA)	(NA)	(NA)	6,168	(NA)	7,942	57,502	92,577	150,079	(NA)	(NA)	(NA)
1923.....	(NA)	92	(NA)	7,627	10,438	6,410	(NA)	7,878	48,287	84,458	132,745	(NA)	(NA)	(NA)
1921.....	(NA)	82	(NA)	7,853	12,189	5,749	(NA)	7,178	43,482	74,559	118,041	(NA)	(NA)	(NA)
1919.....	(NA)	105	(NA)	10,874	14,258	7,634	(NA)	8,509	41,385	117,838	159,223	(NA)	(NA)	(NA)
1914 ⁷	(NA)	137	(NA)	7,513	6,094	5,177	(NA)	3,134	23,218	36,767	59,985	(NA)	(NA)	(NA)
INDUSTRY 2044.—RICE MILLING														
1963.....	62	74	49	4,256	20,255	3,243	7,315	12,704	80,507	351,063	423,022	3,299	100	100
1962 ¹	(NA)	(NA)	(NA)	4,425	18,938	3,336	7,973	11,783	65,792	332,805	399,313	4,999	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	3,914	17,215	2,813	6,431	9,657	62,823	275,717	329,356	3,738	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	3,808	15,443	2,753	6,506	9,127	60,001	259,546	315,819	2,988	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	3,630	14,072	2,685	5,772	8,541	52,028	235,673	293,910	1,242	(NA)	(NA)
1958.....	61	72	51	3,843	14,286	2,903	5,982	8,976	53,152	262,304	312,061	1,442	100	100
1954.....	65	80	58	3,964	13,367	3,129	7,145	8,397	44,304	231,284	273,770	3,538	99	100
1947.....	75	88	59	4,072	9,999	3,267	7,788	6,700	43,432	181,309	224,741	(NA)	100	100
1939.....	(NA)	72	(NA)	3,218	3,094	2,346	(NA)	1,533	8,561	33,802	42,363	(NA)	(NA)	(NA)
1937.....	(NA)	61	(NA)	2,781	2,592	2,218	(NA)	1,356	8,037	38,816	46,853	(NA)	(NA)	(NA)
1935.....	(NA)	68	(NA)	2,609	2,664	2,025	(NA)	1,312	9,899	34,214	44,113	(NA)	(NA)	(NA)
1933.....	(NA)	50	(NA)	1,988	1,646	1,636	(NA)	1,022	7,986	22,697	30,683	(NA)	(NA)	(NA)
1931.....	(NA)	55	(NA)	(NA)	(NA)	1,503	(NA)	1,276	8,547	31,813	40,360	(NA)	(NA)	(NA)
1929.....	(NA)	60	(NA)	2,116	2,658	1,589	(NA)	1,449	10,350	38,444	48,794	(NA)	(NA)	(NA)
1927.....	(NA)	60	(NA)	2,146	2,752	1,524	(NA)	1,546	7,649	46,481	54,130	(NA)	(NA)	(NA)
1925.....	(NA)	63	(NA)	1,881	2,220	1,296	(NA)	1,098	7,651	45,847	53,498	(NA)	(NA)	(NA)
1923.....	(NA)	69	(NA)	2,365	2,520	1,764	(NA)	1,379	6,855	40,213	47,068	(NA)	(NA)	(NA)
1921.....	(NA)	76	(NA)	2,644	3,107	1,940	(NA)	1,707	7,034	34,179	41,213	(NA)	(NA)	(NA)
1919.....	(NA)	86	(NA)	3,209	3,441	2,113	(NA)	1,932	13,404	76,634	90,038	(NA)	(NA)	(NA)
1914.....	(NA)	59	(NA)	1,691	1,284	1,253	(NA)	646	2,423	20,616	23,039	(NA)	(NA)	(NA)
1909.....	(NA)	71	(NA)	1,739	1,177	1,239	(NA)	564	2,870	19,501	22,371	(NA)	(NA)	(NA)
1904.....	(NA)	74	(NA)	1,928	1,189	1,492	(NA)	641	2,982	13,315	16,297	(NA)	(NA)	(NA)
1899.....	(NA)	80	(NA)	820	448	651	(NA)	266	1,148	7,576	8,724	(NA)	(NA)	(NA)
INDUSTRY 2045.—BLENDED AND PREPARED FLOUR														
1963 (new) ⁸	140	165	60	7,199	45,391	5,135	10,703	27,394	177,826	255,668	434,023	6,142	78	62
1963 (old) ⁸	(NA)	144	43	5,384	35,697	3,696	7,742	20,192	140,983	191,645	333,208	4,766	(NA)	(NA)
1962 ¹	(NA)	(NA)	(NA)	4,554	29,658	3,230	6,556	17,568	122,670	151,972	273,825	3,968	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	5,388	34,670	4,078	8,131	21,385	145,719	178,218	324,737	3,874	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	5,407	34,137	4,020	8,328	21,226	141,990	176,362	327,943	7,714	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	5,336	31,989	3,902	7,954	19,332	110,732	169,575	279,874	5,032	(NA)	(NA)
1958.....	112	117	30	4,894	28,353	3,556	7,467	17,664	118,073	164,196	279,364	8,606	68	50
1954.....	123	131	34	5,585	25,446	4,366	8,834	16,982	106,132	161,654	267,175	5,353	71	45
1947.....	115	123	(NA)	3,120	8,953	2,364	(NA)	5,245	24,249	54,193	78,442	(NA)	81	17
1939.....	(NA)	78	(NA)	1,105	1,419	706	(NA)	593	3,928	13,966	17,894	(NA)	(NA)	(NA)
1937 ⁹	(NA)	41	(NA)	(NA)	(NA)	408	(NA)	373	3,909	9,725	13,634	(NA)	(NA)	(NA)
INDUSTRY 2046.—WET CORN MILLING														
1963.....	49	60	20	13,236	89,742	9,812	20,902	65,300	290,918	335,815	622,442	26,129	83	93
1962 ¹	(NA)	(NA)	(NA)	13,890	91,834	10,225	22,073	63,012	277,051	321,194	602,026	28,100	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	13,872	87,372	10,332	21,765	60,159	282,294	307,732	584,714	33,945	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	13,689	83,227	10,087	21,700	57,186	277,582	286,342	566,383	26,978	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	13,294	79,547	7,928	21,283	55,646	262,170	293,590	557,841	24,991	(NA)	(NA)
1958.....	53	59	26	13,792	78,767	10,385	22,241	56,335	249,435	282,040	528,530	18,056	91	98
1957 ¹	(NA)	(NA)	(NA)	13,317	73,401	10,399	22,567	53,488	232,371	273,994	504,118	67,091	91	96
1956 ¹	(NA)	(NA)	(NA)	13,438	70,127	10,430	22,642	50,967	204,718	285,798	485,297	24,082	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	13,081	64,219	10,224	21,543	47,018	202,289	271,918	469,738	(S)	(NA)	(NA)
1954.....	54	58	21	13,565	60,030	10,584	21,008	43,172	178,722	285,806	463,548	16,391	91	98
1953 ¹	(NA)	(NA)	(NA)	14,068	63,376	11,047	23,181	45,217	176,520	320,896	497,416	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	11,850	51,391	9,564	20,067	37,879	146,289	292,694	438,983	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	12,227	50,285	9,976	21,600	39,206	125,273	304,652	429,925	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	11,389	43,730	9,361	20,324	34,321	132,540	265,913	398,453	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	10,759	37,527	8,931	18,769	28,881	105,402	222,982	328,384	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2046.—WET CORN MILLING—Continued													
1947.....	47	55	(NA)	12,324	41,115	10,158	23,032	32,688	127,143	332,835	459,978	(NA)	88	96
1939.....	(NA)	35	(NA)	9,024	15,726	6,764	(NA)	10,586	52,493	66,913	119,406	(NA)	(NA)	(NA)
1937.....	(NA)	27	(NA)	8,137	13,492	7,010	(NA)	10,411	39,358	96,462	135,820	(NA)	(NA)	(NA)
1935.....	(NA)	36	(NA)	8,616	11,876	7,337	(NA)	8,436	33,369	70,263	103,632	(NA)	(NA)	(NA)
1933.....	(NA)	28	(NA)	8,692	10,986	7,591	(NA)	8,575	45,941	47,420	93,361	(NA)	(NA)	(NA)
1931.....	(NA)	43	(NA)	(NA)	(NA)	6,652	(NA)	7,963	44,689	54,034	98,723	(NA)	(NA)	(NA)
1929.....	(NA)	35	(NA)	8,218	14,009	6,730	(NA)	9,873	61,699	104,285	165,984	(NA)	(NA)	(NA)
1927.....	(NA)	26	(NA)	8,254	13,565	6,972	(NA)	10,490	43,555	90,906	134,461	(NA)	(NA)	(NA)
1925.....	(NA)	30	(NA)	7,835	12,652	6,492	(NA)	9,378	39,834	93,064	132,898	(NA)	(NA)	(NA)
1923.....	(NA)	31	(NA)	7,748	11,929	6,537	(NA)	9,090	42,079	74,481	116,560	(NA)	(NA)	(NA)
1921.....	(NA)	32	(NA)	7,097	10,069	6,131	(NA)	7,840	29,180	50,861	80,041	(NA)	(NA)	(NA)
1919.....	(NA)	56	(NA)	8,657	14,175	7,795	(NA)	11,962	55,927	130,329	186,256	(NA)	(NA)	(NA)
1914.....	(NA)	89	(NA)	5,887	5,490	4,509	(NA)	3,550	12,407	40,208	52,615	(NA)	(NA)	(NA)
1909.....	(NA)	118	(NA)	5,741	4,080	4,773	(NA)	2,666	11,900	36,899	48,799	(NA)	(NA)	(NA)
1904.....	(NA)	140	(NA)	5,298	3,296	4,679	(NA)	2,641	7,131	25,519	32,650	(NA)	(NA)	(NA)
1899.....	(NA)	132	(NA)	6,496	3,586	5,943	(NA)	2,855	9,347	21,580	30,927	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958, except 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1953 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958, except 1954, excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²The figures for 1939 include data for two establishments making soy flour. Although soy flour is now classified in the "Soybean oil mills" industry, the data for these two establishments have been included in the 1939 figures for "Flour and meal" to avoid disclosure of their figures.

³The figures for 1899-1925 are not strictly comparable with those for later years because they include data for establishments which made prepared animal feeds from grain ground in the same establishment. Such establishments have been classified in "Prepared animal feeds" since 1927.

⁴The figures for years prior to 1927 are not sufficiently comparable with those for later years to be shown in this table because they do not include data for establishments which made prepared animal feed from grains ground in some establishments. Data for these establishments were included in industry 2041, Flour Mills, prior to 1927.

⁵This industry contains a number of small establishments some of which may have been misclassified as to industry. This would not affect the statistics other than the number of establishments.

⁶The figures for 1937-1963 exclude data for plants primarily making self-rising flour, whereas the figures for earlier years include data for such plants. Value added in 1937, including data for self-rising flour, was \$69.6 million.

⁷Prior to 1914, "Cereal preparations" was combined with "Food preparations, n.e.c."

⁸The data for 1963 (new) include establishments primarily producing refrigerated doughs from purchased flour. Data for 1963 (old) and earlier years exclude establishments primarily producing refrigerated doughs made from purchased flour.

⁹The figures for 1937 are for self-rising flour only. Blended flour made from purchased flour was not classified as a manufactured product prior to 1937. No comparable figures are available prior to 1937.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2041.—FLOUR MILLS													
Total.....	618	218	22,405	137,663	16,435	38,422	94,942	373,090	1,804,002	2,176,529	23,485	28,215	393,053
Northeast.....	75	15	2,332	15,982	1,863	4,343	12,170	41,473	210,604	251,375	3,395	2,544	41,348
New York.....	23	9	1,875	13,613	1,515	3,428	10,423	35,173	186,796	221,793	2,910	2,122	37,445
Pennsylvania.....	44	4	357	1,877	285	708	1,424	4,295	18,710	23,092	367	366	3,238
East North Central.....	90	39	4,790	31,833	3,469	7,946	21,231	89,479	389,448	478,725	6,931	5,588	63,583
Ohio.....	22	8	499	2,978	390	847	2,304	6,978	63,067	70,204	216	633	7,581
Indiana.....	18	7	874	5,288	644	1,523	3,558	20,200	63,356	84,050	1,634	984	15,575
Illinois.....	23	14	2,310	16,125	1,690	3,878	10,973	40,611	183,382	222,992	3,584	2,579	22,272
West North Central.....	93	73	6,696	44,333	5,039	11,776	31,723	126,705	687,687	814,631	7,453	7,976	131,667
Minnesota.....	22	16	1,332	9,301	1,081	2,375	6,656	24,148	149,065	173,173	1,423	1,901	26,925
Iowa.....	9	6	409	2,497	315	727	1,836	7,709	36,697	44,035	320	308	4,025
Missouri.....	12	10	1,473	10,090	1,089	2,509	7,038	32,254	155,587	186,315	2,791	2,222	42,347
Kansas.....	34	30	2,307	15,359	1,738	4,294	11,326	44,272	254,441	300,792	1,648	2,523	43,946
South Atlantic.....	162	20	1,618	6,462	1,035	2,737	3,453	13,317	46,257	59,451	721	2,517	24,649
Virginia.....	29	4	350	1,266	232	627	728	2,792	11,605	14,376	159	(²)	(²)
North Carolina.....	54	6	520	2,104	339	945	1,170	4,502	16,227	20,634	309	798	5,466
South Carolina.....	16	4	174	651	104	236	305	1,324	4,006	5,340	53	170	989
Florida.....	8	1	133	397	79	175	213	1,930	1,515	3,407	35	(²)	(²)
East South Central.....	82	17	1,414	6,323	1,011	2,592	4,126	16,222	67,493	84,185	2,214	1,942	20,878
Kentucky.....	27	8	481	2,178	336	905	1,343	5,181	17,604	22,788	248	926	10,915
West South Central.....	40	21	2,317	12,446	1,719	3,720	8,544	30,543	160,746	192,034	693	3,093	38,804
Texas.....	25	14	1,699	9,003	1,252	2,665	6,109	23,452	110,625	135,060	493	2,206	26,651
Mountain.....	37	14	1,138	6,938	866	2,245	5,075	22,546	90,121	110,719	924	1,622	25,327
Montana.....	5	4	172	1,021	155	320	864	3,028	14,799	17,753	152	248	2,350
Idaho.....	5	2	131	683	101	314	589	2,175	5,821	7,980	49	(²)	(²)
Utah.....	14	4	425	2,727	293	772	1,839	9,605	33,979	43,526	540	547	13,284
Pacific.....	39	19	2,100	13,346	1,433	3,063	8,620	32,805	151,646	185,409	1,154	2,933	46,797
Washington.....	9	6	1,025	5,891	771	1,461	4,397	12,074	65,560	78,435	(D)	1,135	15,608
California.....	23	9	858	6,060	497	1,198	3,173	17,090	64,970	82,188	543	1,258	22,059
INDUSTRY 2042.—PREPARED ANIMAL FEEDS													
Total.....	2,590	711	54,649	278,729	34,564	75,669	159,079	983,691	2,903,596	3,880,122	53,394	57,313	798,892
New England.....	56	22	1,450	7,710	1,054	2,289	5,079	27,184	118,477	145,485	1,293	1,695	28,003
Maine.....	9	3	142	804	102	293	503	4,240	22,942	27,406	(D)	(²)	(²)
New Hampshire.....	5	3	145	688	88	177	353	1,537	10,526	11,958	109	118	1,061
Massachusetts.....	23	9	462	2,469	335	711	1,656	8,667	20,510	28,885	566	431	7,964
Middle Atlantic.....	257	68	5,806	31,536	3,906	8,257	18,750	94,005	294,806	388,378	4,194	6,984	100,912
New York.....	90	26	3,078	18,099	2,153	4,384	11,140	50,520	164,809	215,612	1,569	3,955	53,288
New Jersey.....	30	12	603	3,311	406	895	1,902	10,903	33,105	43,868	880	623	9,091
Pennsylvania.....	137	30	2,125	10,126	1,347	2,978	5,708	32,582	96,892	128,898	1,745	2,406	38,533
East North Central.....	382	104	9,802	55,802	6,502	14,243	34,834	250,354	501,930	750,070	12,127	10,176	179,149
Ohio.....	90	27	2,198	11,770	1,628	3,505	8,190	53,377	131,514	184,971	1,787	2,659	39,220
Indiana.....	73	20	1,904	10,477	1,194	2,519	6,281	36,252	88,912	124,499	2,028	2,042	27,317
Illinois.....	103	40	4,089	24,641	2,702	5,951	15,356	129,236	219,843	347,391	6,074	3,682	92,608
Michigan.....	45	3	279	1,230	204	485	898	3,862	8,234	12,126	348	577	5,940
Wisconsin.....	71	14	1,332	7,684	774	1,783	4,109	27,627	53,427	81,083	1,890	1,216	14,064
West North Central.....	576	145	11,921	63,182	6,735	15,490	33,163	190,459	506,861	694,692	10,687	11,647	151,313
Minnesota.....	90	19	1,621	9,691	886	1,940	4,738	29,000	84,362	113,299	991	1,573	19,893
Iowa.....	156	46	4,018	22,585	1,803	4,066	9,388	70,860	167,653	238,010	3,242	4,109	58,507
Missouri.....	86	22	2,274	9,193	1,324	2,820	5,585	24,580	107,384	131,469	1,985	2,735	35,540
Nebraska.....	128	35	2,257	12,102	1,543	4,029	7,711	41,472	81,771	122,395	2,616	1,862	21,680
South Atlantic.....	408	105	7,330	30,301	4,666	9,704	15,801	118,155	474,737	592,367	8,084	8,247	111,638
Delaware.....	13	8	482	2,690	224	494	1,116	8,734	46,925	55,360	361	601	13,590
Maryland.....	22	10	553	2,633	318	672	1,195	8,709	41,758	50,280	303	683	9,936
Virginia.....	47	15	781	3,004	543	1,164	1,821	13,070	48,743	61,508	435	1,035	10,579
West Virginia.....	8	2	138	450	97	193	295	1,657	5,112	6,778	32	(²)	(²)
North Carolina.....	135	23	2,169	7,880	1,444	2,773	4,375	34,337	134,961	169,474	1,815	2,201	33,264
South Carolina.....	33	7	651	2,494	423	859	1,210	7,135	19,030	26,460	557	529	4,614
Georgia.....	108	28	1,763	7,430	1,135	2,521	3,980	31,978	137,788	169,598	2,731	1,741	30,090
Florida.....	42	12	793	3,720	482	1,028	1,809	12,535	40,420	52,909	1,850	1,330	8,870

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2042.—PREPARED ANIMAL FEEDS—Continued													
East South Central.	208	64	5,138	22,787	3,365	7,249	13,027	86,495	324,043	409,485	3,642	5,583	68,679
Kentucky.....	33	7	459	1,886	336	763	1,309	5,903	25,268	31,137	659	571	5,430
Tennessee.....	57	24	1,862	8,228	1,219	2,455	4,447	30,770	107,500	138,014	668	2,074	25,881
Alabama.....	70	18	1,831	8,927	1,092	2,441	4,844	32,550	135,571	167,984	1,564	1,879	21,367
Mississippi.....	48	15	986	3,746	718	1,590	2,427	17,272	55,704	72,350	751	1,049	16,001
West South Central.	291	100	6,108	25,890	3,819	8,520	14,419	84,081	295,393	376,948	4,934	5,839	62,492
Arkansas.....	52	20	1,115	4,466	662	1,426	2,277	20,664	84,497	105,096	977	715	10,141
Louisiana.....	30	9	580	2,274	379	839	1,343	5,587	25,641	21,076	417	552	6,235
Oklahoma.....	39	15	819	3,876	519	1,175	2,163	12,994	36,798	49,850	1,229	864	8,652
Texas.....	170	56	3,594	15,274	2,259	5,080	8,636	44,836	148,457	192,926	2,311	3,708	37,464
Mountain.....	142	30	2,051	9,884	1,385	3,231	5,920	28,925	85,943	114,624	3,139	1,686	17,216
Idaho.....	19	3	205	971	128	287	377	3,070	10,715	13,763	399	(²)	(²)
Colorado.....	51	10	723	3,644	522	1,303	2,574	11,154	32,108	43,114	677	673	6,119
Pacific.....	270	73	5,043	31,637	3,132	6,686	18,086	104,033	301,406	406,073	5,294	5,456	79,490
Washington.....	40	5	427	2,553	288	611	1,639	12,182	30,017	42,028	696	740	11,143
Oregon.....	39	10	735	3,849	499	929	2,577	13,306	36,613	50,008	834	720	7,925
California.....	185	55	3,765	24,625	2,271	4,967	13,484	76,785	227,431	305,954	3,744	3,996	60,422
INDUSTRY 2043.—CEREAL PREPARATIONS													
Total.....	48	30	11,358	75,098	9,416	18,829	59,575	365,022	264,674	625,058	15,273	10,927	243,088
Middle Atlantic....	8	7	1,490	9,495	1,309	2,480	8,176	57,155	47,240	104,575	579	(²)	(²)
East North Central.	13	9	6,820	47,061	5,659	11,243	37,525	202,596	125,852	324,319	10,706	7,558	172,478
West North Central.	10	7	1,742	11,099	1,365	2,847	8,024	59,085	63,322	122,040	1,154	1,942	43,542
West.....	10	3	495	3,085	410	864	2,467	16,830	9,226	25,863	591	444	11,952
All other divisions	7	4	811	4,358	673	1,395	3,383	29,356	19,034	48,261	2,243	(²)	(²)
INDUSTRY 2044.—RICE MILLING													
Total.....	74	49	4,256	20,255	3,243	7,315	12,704	80,507	351,063	423,022	3,299	3,843	53,152
South.....	59	42	3,521	15,578	2,660	6,169	9,490	51,326	269,892	318,992	1,363	3,320	41,498
Louisiana.....	29	19	1,208	4,403	989	2,215	3,199	13,188	79,272	91,867	338	1,173	11,625
Texas.....	16	13	1,241	7,096	859	2,002	3,529	24,432	90,902	112,738	752	1,347	20,749
Pacific.....	11	7	705	4,568	560	1,096	3,153	28,796	80,771	103,452	(D)	523	11,654
California.....	11	7	705	4,568	560	1,096	3,153	28,796	80,771	103,452	(D)	523	11,654
All other divisions	4	-	30	109	23	50	61	385	400	578	2	-	-
INDUSTRY 2045.—BLENDED AND PREPARED FLOUR													
Total.....	165	60	7,199	45,391	5,135	10,703	27,394	177,826	255,668	434,023	6,142	4,894	118,073
New England.....	5	3	142	854	92	197	365	3,114	3,496	6,791	122	104	1,087
Middle Atlantic....	30	11	1,499	9,752	1,008	2,045	5,308	29,287	46,041	75,498	1,215	1,592	35,295
New York.....	15	5	652	3,888	486	1,025	2,615	13,152	12,183	25,477	335	1,432	32,002
East North Central.	36	15	2,665	17,801	2,000	4,197	11,214	72,319	97,599	170,034	2,599	1,789	46,587
Illinois.....	13	6	734	5,077	427	942	2,113	10,538	22,841	33,365	1,003	593	10,576
Michigan.....	9	2	101	487	76	151	286	1,048	2,058	3,137	40	(²)	(²)
West North Central.	19	4	348	2,100	233	487	1,159	8,397	9,945	18,987	141	299	6,884
South.....	37	15	1,499	7,560	1,106	2,288	4,871	29,479	53,450	82,483	760	1,110	28,220
Texas.....	12	5	503	2,420	384	776	1,795	5,934	13,434	19,239	418		
West.....	38	12	1,046	7,324	696	1,489	4,477	35,230	45,137	80,230	1,305	800	24,079
California.....	24	8	891	6,327	643	1,380	4,220	32,843	40,730	73,398	1,221		
INDUSTRY 2046.—WET CORN MILLING													
Total.....	60	20	13,236	89,742	9,812	20,902	65,300	290,918	335,815	622,442	26,129	13,792	249,435
Northeast.....	22	4	192	917	149	330	706	3,193	3,824	7,282	894	291	3,863
Maine.....	16	2	147	709	115	254	569	2,492	3,050	5,840	(D)	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
	INDUSTRY 2046.—WET CORN MILLING—Continued												
East North Central.	12	7	8,426	57,204	6,119	12,908	41,885	185,700	212,066	395,307	14,772	8,650	158,706
Mountain.....	9	1	187	891	157	379	655	1,919	1,907	4,069	146	(²)	(²)
Pacific.....	5	1	260	1,039	142	255	405	1,646	1,932	3,684	30	(²)	(²)
All other divisions	12	7	4,171	29,691	3,245	7,030	21,649	98,460	116,086	212,100	10,287	(²)	(²)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2041, Flour Mills: New England—Massachusetts, 1 (1-19); Rhode Island, 3 (20-99); Middle Atlantic—New Jersey, 4 (20-99); East North Central—Michigan, 19 (754); Wisconsin, 8 (353); West North Central—North Dakota, 4 (250-499); South Dakota, 1 (20-99); Nebraska, 11 (840); South Atlantic—Delaware, 4 (20-99); Maryland, 7 (20-99); District of Columbia, 1 (100-249); West Virginia, 4 (1-19); Georgia, 39 (255); East South Central—Tennessee, 39 (865); Alabama, 13 (20-99); Mississippi, 3 (1-19); West South Central—Arkansas, 2 (1-19); Louisiana, 3 (20-99); Oklahoma, 10 (500-999); Mountain—Wyoming, 3 (20-99); Colorado, 7 (226); New Mexico, 2 (20-99); Arizona, 1 (20-99); Pacific—Oregon, 5 (100-249).

SIC 2042, Prepared Animal Feeds: New England—Vermont, 10 (500-999); Rhode Island, 4 (20-99); Connecticut, 5 (20-99); West North Central—North Dakota, 9 (20-99); South Dakota, 20 (250-499); Kansas, 87 (1,358); Mountain—Montana, 12 (100-249); Wyoming, 2 (1-19); New Mexico, 14 (100-249); Arizona, 15 (250-499); Utah, 28 (250-499); Nevada, 1 (1-19); Pacific—Alaska, 1 (1-19); Hawaii, 5 (100-249).

SIC 2043, Cereal Preparations: New England—Vermont, 1 (20-99); Massachusetts, 1 (100-249); Middle Atlantic—New York, 4 (1,000-2,499); New Jersey, 1 (20-99); Pennsylvania, 3 (250-499); East North Central—Ohio, 3 (20-99); Indiana, 2 (250-499); Illinois, 3 (669); Michigan, 5 (5,799); West North Central—Minnesota, 3 (100-249); Iowa, 2 (1,000-2,499); Missouri, 1 (1-19); Nebraska, 2 (250-499); Kansas, 2 (1-19); South Atlantic—North Carolina, 1 (1-19); Georgia, 1 (1-19); East South Central—Alabama, 1 (500-999); West South Central—Oklahoma, 1 (20-99); Texas, 1 (1-19); Mountain—Montana, 2 (1-19); Pacific—Oregon, 1 (1-19); California, 7 (250-499).

SIC 2044, Rice Milling: Middle Atlantic—New Jersey, 1 (1-19); West North Central—Minnesota, 3 (1-19); East South Central—Tennessee, 1 (20-99); West South Central—Arkansas, 13 (500-999).

SIC 2045, Blended and Prepared Flour: New England—Massachusetts, 4 (100-249); Rhode Island, 1 (1-19); Middle Atlantic—New Jersey, 8 (465); Pennsylvania, 7 (382); East North Central—Ohio, 8 (1,000-2,499); Indiana, 2 (500-999); Wisconsin, 4 (20-99); West North Central—Minnesota, 4 (20-99); Iowa, 3 (1-19); Missouri, 7 (131); Nebraska, 3 (100-249); Kansas, 2 (20-99); South Atlantic—Maryland, 3 (169); Virginia, 2 (20-99); West Virginia, 2 (20-99); North Carolina, 4 (100-249); Georgia, 3 (100-249); Florida, 2 (1-19); East South Central—Kentucky, 2 (250-499); Tennessee, 3 (20-99); West South Central—Arkansas, 1 (1-19); Louisiana, 2 (1-19); Oklahoma, 1 (1-19); Mountain—Colorado, 5 (20-99); Utah, 1 (20-99); Pacific—Washington, 6 (20-99); Oregon, 2 (20-99).

SIC 2046, Wet Corn Milling: New England—Massachusetts, 2 (20-99); Middle Atlantic—New York, 1 (1-19); New Jersey, 1 (1-19); Pennsylvania, 2 (20-99); East North Central—Ohio, 5 (100-249); Indiana, 2 (1,000-2,499); Illinois, 5 (6,807); West North Central—Iowa, 3 (2,817); Missouri, 2 (500-999); North Dakota, 1 (1-19); South Atlantic—Maryland, 1 (20-99); Georgia, 1 (1-19); Florida, 1 (1-19); West South Central—Texas, 3 (250-249); Mountain—Idaho, 6 (100-249); Colorado, 3 (20-99); Pacific—Washington, 1 (1-19); California, 4 (100-249).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Flour mills (SIC 2041)	Prepared animal feeds (SIC 2042)	Cereal preparations (SIC 2043)	Rice milling (SIC 2044)	Blended and prepared flour (SIC 2045)	Wet corn milling (SIC 2046)
Primary product specialization ratio ¹.....	.94	.96	.80	1.00	.78	.83
Coverage ratio.....	.78	.93	.86	1.00	.62	.93
Establishments, total.....number..	618	2,590	48	74	165	60
With 1 to 19 employees.....do....	400	1,879	18	25	105	40
With 20 to 99 employees.....do....	151	620	15	38	39	6
With 100 employees or more.....do....	67	91	15	11	21	14
Proprietors and working partners.....do....	384	1,165	19	16	58	12
All employees (average for the year).....do....	22,405	54,649	11,358	4,256	7,199	13,236
Payroll (all employees), total for year.....\$1,000..	137,663	278,729	75,098	20,255	45,391	89,742
Production workers:						
Average for the year.....number..	16,435	34,564	9,416	3,243	5,135	9,812
March.....do....	16,494	33,602	9,174	3,399	5,053	9,875
May.....do....	16,277	34,396	9,214	2,956	4,886	9,588
August.....do....	16,589	35,776	10,453	3,343	5,160	9,807
November.....do....	16,380	34,482	8,823	3,274	5,441	9,980
Man-hours.....1,000..	38,422	75,669	18,829	7,315	10,703	20,902
January-March.....do....	9,521	18,299	4,769	1,801	2,646	5,378
April-June.....do....	9,396	18,790	4,654	1,632	2,560	4,898
July-September.....do....	9,803	19,549	4,968	1,930	2,582	5,362
October-December.....do....	9,702	19,031	4,438	1,952	2,915	5,264
Wages.....\$1,000..	94,942	159,079	59,575	12,704	27,394	65,300
Cost of materials, etc., total.....do....	1,804,002	2,903,596	264,674	351,063	255,668	335,815
Materials, parts, containers, and supplies consumed.....do....	1,690,378	2,615,561	245,694	336,443	238,673	311,304
Cost of resales.....do....	99,105	249,282	(D)	(D)	14,885	8,151
Fuels consumed.....do....	2,231	14,304	(D)	(D)	612	12,515
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	1,079	1,207	237	96	113	208
Cost.....\$1,000..	12,116	18,914	2,417	1,238	1,475	2,221
Generated less sold.....million kw.-hrs..	(D)	4	(D)	1	-	845
Contract work.....\$1,000..	172	5,535	11	172	23	1,624
Value of shipments (including resales), total.....do....	2,176,529	3,880,122	625,058	423,022	434,023	622,442
Value of resales.....do....	108,311	296,366	(D)	(D)	19,734	9,465
Value added by manufacture, adjusted.....do....	373,090	983,691	365,022	80,507	177,826	290,918
Manufacturers' inventories:						
Beginning of year, total.....do....	255,225	223,149	44,569	86,920	34,023	58,325
Finished products.....do....	46,258	82,575	17,986	16,752	13,893	25,394
Work-in-process.....do....	1,240	14,390	888	5,660	866	2,950
Materials, supplies, fuel, etc.....do....	207,727	126,184	25,695	64,508	19,264	29,981
End of year, total.....do....	232,221	231,410	49,874	109,580	33,516	65,540
Finished products.....do....	46,287	89,791	21,980	23,630	13,150	28,418
Work-in-process.....do....	1,774	14,339	1,532	7,330	1,080	4,217
Materials, supplies, fuel, etc.....do....	184,160	127,280	26,362	78,620	19,286	32,905
Expenditures for plant and equipment, total.....do....	23,859	59,200	15,368	3,462	6,171	26,147
New, total.....do....	23,485	53,394	15,273	3,299	6,142	26,129
New structures and additions to plant.....do....	4,808	17,744	3,657	1,183	770	4,443
New machinery and equipment.....do....	18,677	35,650	11,616	2,116	5,372	21,686
Used plant and equipment.....do....	374	5,806	95	163	29	18
Selected operating ratios:						
Payroll/Total employment.....	6,144	5,100	6,612	4,759	6,305	6,780
Production workers/Total employment.....	.73	.63	.83	.76	.71	.74
Man-hours/Production workers.....	2,338	2,189	2,000	2,256	2,084	2,130
Production worker wages/Man-hours.....	2.47	2.10	3.16	1.74	2.56	3.12
Cost of materials and payrolls/Total value of shipments....	.89	.82	.54	.88	.66	.68
Cost of materials/Total value of shipments.....	.83	.75	.42	.83	.56	.54
Adjusted value added/Total employment.....	16,652	18,000	32,367	18,916	28,051	21,979
Salaries and wages/Adjusted value added.....	.37	.28	.20	.25	.22	.31

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2041.—FLOUR MILLS											
Establishments.....number..	618	235	90	75	88	63	56	8	3	-	-
All employees:											
Total.....do....	22,405	383	585	1,040	2,937	4,441	8,457	2,688	1,874	-	-
Payroll.....\$1,000..	137,663	1,431	2,301	4,526	16,565	27,876	54,396	18,705	11,863	-	-
Value added, adjusted.....do....	373,090	4,506	6,856	11,739	38,680	75,927	147,405	59,129	28,848	-	-
Value of shipments.....do....	2,176,529	16,055	22,998	54,701	273,300	518,365	865,333	267,822	157,955	-	-
Capital expenditures, new...do....	23,485	373	738	762	3,026	3,672	9,129	3,509	2,276	-	-
INDUSTRY 2042.—PREPARED ANIMAL FEEDS											
Establishments.....number..	2,590	770	540	569	457	164	74	14	2	-	-
All employees:											
Total.....do....	54,649	1,638	3,673	7,744	13,895	11,108	10,826	5,765	(D)	-	-
Payroll.....\$1,000..	278,729	6,183	15,221	35,629	69,353	59,046	60,524	32,773	(D)	-	-
Value added, adjusted.....do....	983,691	22,964	46,804	106,237	228,059	210,374	229,652	139,601	(D)	-	-
Value of shipments.....do....	3,880,122	80,852	187,708	461,157	1,016,198	866,103	860,994	407,110	(D)	-	-
Capital expenditures, new...do....	53,394	14,089	4,285	10,443	12,583	9,541	7,106	5,347	(D)	-	-
INDUSTRY 2043.—CEREAL PREPARATIONS											
Establishments.....number..	48	10	6	2	10	5	3	6	4	1	1
All employees:											
Total.....do....	11,358	14	71	(D)	1,226	(D)	(D)	1,947	8,100	(D)	(D)
Payroll.....\$1,000..	75,098	79	301	(D)	6,952	(D)	(D)	13,051	54,715	(D)	(D)
Value added, adjusted.....do....	365,022	290	1,043	(D)	41,838	(D)	(D)	45,321	276,530	(D)	(D)
Value of shipments.....do....	625,058	572	3,582	(D)	85,051	(D)	(D)	85,210	450,643	(D)	(D)
Capital expenditures, new...do....	15,273	16	316	(D)	447	(D)	(D)	1,309	13,185	(D)	(D)
INDUSTRY 2044.—RICE MILLING											
Establishments.....number..	74	9	9	7	21	17	9	2	-	-	-
All employees:											
Total.....do....	4,256	20	58	114	769	1,222	2,073	(D)	-	-	-
Payroll.....\$1,000..	20,255	75	250	445	2,985	5,305	11,195	(D)	-	-	-
Value added, adjusted.....do....	80,507	308	1,204	3,782	8,745	17,541	48,927	(D)	-	-	-
Value of shipments.....do....	423,022	831	2,707	10,687	76,314	120,454	212,029	(D)	-	-	-
Capital expenditures, new...do....	3,299	7	16	97	136	2,317	726	(D)	-	-	-
INDUSTRY 2045.—BLENDED AND PREPARED FLOUR											
Establishments.....number..	165	63	27	15	22	17	14	6	1	-	-
All employees:											
Total.....do....	7,199	102	187	196	773	1,230	2,064	2,647	(D)	-	-
Payroll.....\$1,000..	45,391	596	907	976	4,400	7,975	12,490	18,047	(D)	-	-
Value added, adjusted.....do....	177,826	1,343	2,211	2,807	11,863	28,453	47,792	83,357	(D)	-	-
Value of shipments.....do....	434,023	3,897	5,740	6,652	32,812	77,001	117,071	190,850	(D)	-	-
Capital expenditures, new...do....	6,142	81	131	133	273	805	2,183	2,536	(D)	-	-
INDUSTRY 2046.—WET CORN MILLING											
Establishments.....number..	60	19	12	9	5	1	3	2	4	4	1
All employees:											
Total.....do....	13,236	28	84	138	149	1,514	(D)	(D)	2,787	8,536	(D)
Payroll.....\$1,000..	89,742	165	520	572	721	10,135	(D)	(D)	19,478	58,151	(D)
Value added, adjusted.....do....	290,918	853	1,478	1,181	2,296	39,951	(D)	(D)	56,666	188,493	(D)
Value of shipments.....do....	622,442	1,602	3,307	2,940	5,344	91,912	(D)	(D)	124,191	393,146	(D)
Capital expenditures, new...do....	26,129	85	74	30	867	2,861	(D)	(D)	5,043	17,169	(D)

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes \$1-\$2 million for plants under construction but not in operation.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments				
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio	
						Col. B					
						Col. B:C					
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)			
A	B	C	D	E	F	G	H	I			
2041	} Flour mills and blended and prepared flour ¹	1963..	2,610,552	2,263,851	213,707	132,994	91	2,481,467	2,263,851	217,616	91
2045		1958..	2,366,070	2,002,389	218,560	145,121	85	2,135,926	2,000,508	135,418	94
2041	} Flour mills.....	1963..	2,176,529	1,939,287	124,415	112,827	94	2,481,467	1,939,287	542,180	78
		1958..	2,086,706	1,820,922	137,704	128,080	93	2,135,926	1,820,922	315,004	85
2045	} Blended and prepared flour.....	1963..	434,023	324,564	89,292	20,167	78	525,943	324,564	201,379	62
		1958..	2279,364	2179,586	282,737	217,041	68	2356,266	2179,586	2176,680	50
2042	} Prepared animal feeds.....	1963..	3,880,122	3,404,247	137,332	338,543	96	3,677,307	3,404,247	273,060	93
		1958..	3,238,414	2,811,587	98,178	328,649	97	3,076,409	2,811,587	264,822	91
2043	} Cereal preparations.....	1963..	625,058	481,178	(³)	³ 143,880	80	561,450	481,178	80,272	86
		1958..	444,132	352,220	80,190	11,722	80	431,788	352,220	79,568	82
2044	} Rice milling.....	1963..	423,022	407,136	430	15,456	100	407,136	407,136	-	100
		1958..	312,061	281,273	426	30,362	100	281,273	281,273	-	100
2046	} Wet corn milling.....	1963..	622,442	510,899	101,324	10,219	83	547,195	510,899	36,296	93
		1958..	528,530	473,275	48,449	6,806	91	482,577	473,275	9,302	98

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Because of the similarity of the products in industry 2041 and those of industry 2045, it is desirable for some purposes to combine the statistics for those two industries.

²Excludes data on refrigerated doughs which were not collected as part of this industry in 1958.

³Secondary products included with miscellaneous receipts.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Flour mills (SIC 2041)	Prepared animal feeds (SIC 2042)	Cereal preparations (SIC 2043)	Rice milling (SIC 2044)	Blended and prepared flour (SIC 2045)	Wet corn milling (SIC 2046)	Other industries
	Total industry shipments and receipts.....	(X)	2,176,529	3,880,122	625,058	423,022	434,023	622,442	(X)
	Grain mill products.....	7,674,555	2,053,962	3,493,310	572,783	407,566	364,756	511,274	270,904
20411	Wheat flour, except blended and prepared.....	1,490,855	1,440,242	39,910	(2-5)	-	(2-5)	-	2,948
20412	Wheat bran and middlings.....	199,525	196,464	2,130	(under 2)	-	(under 2)	-	-
20413	Corn meal (for human and animal use).....	75,017	47,793	18,866	(over 2)	-	(under 2)	-	1,653
20415	Prepared flour and flour mixes.....	525,943	105,394	(5-10)	(20-50)	-	324,564	(under 2)	43,068
20416	Grain mill products, n.e.c.....	163,798	123,412	(5-10)	(5-10)	-	-	-	22,135
20410	Flour mills, n.s.k.....	26,329	25,982	307	30	-	10	-	-
20421	Poultry feeds (complete feeds and supplements).....	1,444,954	(20-50)	1,369,146	(over 2)	(under 2)	(under 2)	-	41,986
20422	Livestock feeds (complete feeds and supplements).....	1,388,418	48,670	1,259,917	(5-10)	(under 2)	(under 2)	-	70,893
20423	Dog and cat food.....	441,895	(under 2)	405,283	(10-20)	-	(under 2)	-	23,894
20424	Other prepared animal feeds (including feeding materials and adjuncts).....	280,128	7,096	248,479	2,864	(under 2)	(under 2)	-	21,564
20420	Prepared animal feeds, n.s.k.....	121,912	373	121,422	-	-	-	-	117
20430	Cereals, breakfast foods.....	561,450	(10-20)	(10-20)	481,178	-	(20-50)	(under 2)	18,946
20440	Milled rice and byproducts.....	407,136	-	-	-	407,136	-	-	-
20460	Wet corn milling.....	547,195	9,463	1,005	(under 2)	-	(under 2)	510,899	23,700
	Other nongrain mill products.....	(X)	19,740	248,269	3 (over 2)	-	449,100	5100,949	(X)
	Miscellaneous receipts.....	(X)	112,827	338,543	(over 2)	15,456	20,167	10,219	(X)
93000	Commission and contract work.....	(X)	1,673	13,632	92	(under 2)	133	(under 2)	(X)
99989	Resales.....	(X)	108,311	296,336	(over 2)	(over 2)	19,734	9,465	(X)
95120	Shell eggs.....	(X)	-	8,676	-	-	-	-	(X)
99980	Other miscellaneous receipts.....	(X)	2,843	19,899	244	(under 2)	300	(under 2)	(X)

Prod. class code	Class of products and miscellaneous receipts	Other industries	Prod. class code	Class of products and miscellaneous receipts	Other industries
	List of other industries with over \$2 million shipments of each primary product class:			List of other industries with over \$2 million shipments of each primary product class—Continued	
20415	2013 Meat processing plants.....	(over 2)	20423	2011 Meat slaughtering plants.....	6,181
20455	2032 Canned specialties.....	(10-20)		2013 Meat processing plants.....	7,303
	2095 Roasted coffee.....	(over 2)		2031 Canned and cured seafoods.....	7,842
	2099 Food preparations, n.e.c.....	11,701	20424	2033 Canned fruits and vegetables.....	4,054
20416	2092 Soybean oil mills.....	(over 2)		2035 Pickles, sauces, salad dressing.....	(over 2)
				2037 Frozen fruits and vegetables.....	4,110
20421	2015 Poultry dressing plants.....	7,342		2099 Food preparations, n.e.c.....	2,003
	2092 Soybean oil mills.....	(20-40)		2833 Medicinal chemicals and botanical products.....	(2-5)
20422	2011 Meat slaughtering plants.....	(2-5)	20430	2032 Canned specialties.....	11,931
	2037 Frozen fruits and vegetables.....	4,777		2052 Biscuit, crackers, and cookies.....	(over 2)
	2091 Cottonseed oil mills.....	4,153		2099 Food preparation, n.e.c.....	(2-5)
	2092 Soybean oil mills.....	44,621	20460	2085 Distilled liquors, except brandy.....	(over 2)
	2818 Organic chemicals, n.e.c.....	(over 2)		2099 Food preparations, n.e.c.....	(2-5)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing individual figures. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$5 million of product class 20999, Other food preparations, n.e.c.

²Includes \$2 million of product class 20942, Feed and fertilizer by products. In addition, the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20151, Hens (or fowl) and other chickens; 20156, Liquid, dried, and frozen eggs; 20921, Soybean oil; 28331, Synthetic organic medicinal chemicals, in bulk (human and veterinary); 28790, Insecticidal and fungicidal preparations (formulations) primarily for agricultural use; 35690, General industrial machinery, n.e.c.

³The following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20511, Bread and bread-type rolls; 20522, Other "dry" bakery products including ice cream cones; 20874, Other flavoring agents, except chocolate sirups; 20999, Other food.

⁴Includes \$2 million of product class 20338, Jams, jellies, and preserves, and \$24 million of product class 20999, Other food preparations, n.e.c. In addition, the following product classes totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20341, Dried and dehydrated fruits and vegetables and freezer-dried products, except soups; 20716, Salted nuts and other confectionery-type products, cough drops, glazes, etc.; 20721, Chocolate coatings; 20871, Flavoring extracts, emulsions, and other liquid flavors.

⁵Includes \$41 million of product class 20993, Sweetening sirups and molasses. In addition, the following product classes totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20342, Soup mixes (dried and dehydrated and freeze-dried); 20874, Other flavoring agents, except chocolate sirups; 20998, Chocolate and cocoa products, except confectionery; 28182, Miscellaneous acyclic chemicals and chemical products; 28423, Specialty cleaning and sanitation products.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958**

Product code	Product	Unit of measure	Total shipments including interplant transfers				
			1963		1958		
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	
2041- -- 2045- --	} FLOUR MILL AND BLENDED AND PREPARED FLOUR PRODUCTS, TOTAL.....	.....	(X)	2,481,467	(X)	¹ 2,135,926
		.....	(X)	1,955,524	(X)	1,779,660
20411--	Wheat flour, except flour mixes ²	1,000 sacks (cwt.).....	265,588	1,490,855	246,340	1,398,854	
	White:						
20411 02	Family flour shipped in containers of 25 pounds or less ²...	...do.....	} 350,281	} 337,645	} 232,197	} 1,318,578
20411 03	Bakery and institutional flour shipped in containers of 25 pounds or less.....	...do.....					
20411 04	Family flour shipped in containers of 26 to 99 pounds ²....	...do.....	} 312,133	} 374,938		
20411 06	Bakery and institutional flour shipped in containers of 26 to 99 pounds..	...do.....					
20411 14	Family flour shipped in nonbulk containers of 100 pounds and over.....	...do.....	} 3114,282	} 3616,299			
20411 16	Bakery and institutional flour shipped in non-bulk containers of 100 pounds and over...	...do.....					
20411 18	Flour shipped in bulk, including shipments to blenders and other processors.....	...do.....	72,385	370,090			
	Other than white:						
20411 31	Whole wheat.....	...do.....	2,154	10,969	2,958	16,083	
20411 51	Durum wheat and semolina.....	...do.....	10,936	62,515	8,286	47,049	
20411 98	Other wheat, including farina.....	...do.....	1,581	8,092	1,853	9,251	
20411 00	Wheat flour, except flour mixes, n.s.k.....	...do.....	⁴ 1,836	10,307	1,046	7,893	
20412 11	Wheat bran, shorts, and middlings.....	1,000 short tons.....	4,823	199,525	4,518	167,870	
20413 --	Corn meal (for human and animal use).....	1,000 sacks (cwt.).....	18,504	75,017	15,711	68,829	
	Corn meal for human consumption:						
20413 11	Whole corn meal.....	...do.....	5,042	22,815	4,900	22,344	
20413 15	Degermed corn meal.....	...do.....	7,529	33,757	6,822	31,235	
20413 51	Corn meal for animal feed.....	...do.....	⁴ 2,281	11,747	2,314	7,913	
20413 00	Corn meal, n.s.k.....	...do.....	⁴ 1,652	6,698	1,675	7,337	
20416 --	Grain mill products, n.e.c.....	.....	(X)	163,798	(X)	118,783
20416 11	Rye flour.....	1,000 sacks (cwt.).....	2,055	8,055	2,078	8,465	
20416 13	Corn grits and hominy for human consumption.....	...do.....	12,807	47,951	6,456	28,210	
20416 14	Corn grits and flakes for brewer's use.....	...do.....	10,813	38,457	7,612	27,247	
20416 15	Hominy feed and other byproducts of dry corn milling (for animal feed).....	1,000 short tons.....	698	31,424	695	31,168	
20416 17	Oat millfeed and other byproducts of oats.....	...do.....	182	8,502	178	4,172	
20416 19	Other grain mill products, n.s.k (rye, offal, corn flour, buckwheat flour, etc.)...	.....	(X)	29,409	(X)	19,521
20410 00	Flour and meal, n.s.k.....	.....	(X)	26,329	(X)	25,324
	Blended and prepared flour, including refrigerated doughs.....	.....	(X)	525,943	(X)	¹ 356,266
	Made chiefly from flour milled in same establishment.....	.....	(X)	115,059	(X)	134,451
	Made chiefly from purchased flour.....	.....	(X)	410,884	(X)	221,815
	Phosphated flour not made in flour mills: ²						
20455 13	Shipped in containers of under 25 pounds.....	1,000 sacks (cwt.).....	137	1,194	} 672	} 6,663	
20455 15	Shipped in containers of 25 pounds and over.....	...do.....	155	1,652			
	Self-rising flour not made in flour mills: ²						
20455 33	Shipped in containers of under 25 pounds.....	...do.....	915	8,179	} 1,274	} 9,347	
20455 35	Shipped in containers of 25 pounds and over.....	...do.....	735	9,807			
	Pancake and waffle mixes:						
20415 50	} Shipped in containers of under 5 pounds.....	...do.....	2,191	29,118	} 3,083	} 41,596	
20415 51		Shipped in containers of 5 pounds and over.....	...do.....	897			14,475
	Cake mixes, including gingerbread:						
20415 53	} Shipped in containers of under 5 pounds.....	...do.....	5,585	133,605	} 6,755	} 160,822	
20415 54		Shipped in containers of 5 pounds and over.....	...do.....	1,092			24,960

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity*	Value (\$1,000)
2041- -- 2045- --	FLOUR MILL AND BLENDED AND PREPARED FLOUR PRODUCTS—Continued					
	Blended and prepared flour, including refrigerated doughs—Con.					
	Made in other industries—Continued					
	Biscuit mixes:					
20415 56 20455 56	Shipped in containers of under 5 pounds.....	1,000 sacks (cwt.).....	792	13,486	1,709	26,303
20415 57 20455 57	Shipped in containers of 5 pounds and over.....	...do.....	523	9,133		
	Pie crust mixes:					
20415 58 20455 58	Shipped in containers of under 5 pounds.....	...do.....	323	7,559	691	14,438
20415 59 20455 59	Shipped in containers of 5 pounds and over.....	...do.....	87	1,658		
	Cookie mixes, doughnut mixes and other sweet yeast goods mixes:					
20415 61 20415 64 20455 61 20455 64	Shipped in containers of under 5 pounds.....	...do.....	1,480	25,483	6,732	94,712
20415 62 20455 62 20455 65	Shipped in containers of 5 pounds and over.....	...do.....	7,188	62,827		
20415 66 20455 66	Shipped in containers of under 5 pounds.....	...do.....	270	5,217		
20415 67 20455 67	Shipped in containers of 5 pounds and over.....	...do.....	482	5,844		
	Bread and bread-type roll mixes:					
20415 68 20455 68	Shipped in containers of under 5 pounds.....	...do.....	1,847	35,543	6,732	94,712
20415 69 20455 69	Shipped in containers of 5 pounds and over.....	...do.....	766	12,962		
	Other prepared flour mixes:					
20415 71 20455 71	Biscuit dough.....	1,000 lbs. net weight.....	354,292	61,665	(1)	(1)
20415 73 20455 73	Cookie dough.....	...do.....	(5)	(5)		
20415 75 20455 75	Bread and bread-type rolls, including dinner, danish.....	...do.....	222,522	33,233		
20415 79 20455 79	Other refrigerated doughs, including pizza, coffee cake, etc.	...do.....	51,125	11,567		
20415 00 20455 00	Blended and prepared flour, n.s.k.....	.....	(X)	16,776	(X)	2,485
2042- --	PREPARED ANIMAL FEEDS, TOTAL ⁶.....	.....	(X)	3,677,307	(X)	3,076,409
20421 --	Poultry feeds (complete feeds and supplements).....	1,000 short tons.....	17,709	1,444,954	16,720	1,474,281
20421 01	Complete poultry feeds.....	...do.....	14,463	1,129,067	13,896	1,202,879
20421 50	Poultry feed supplements and concentrates.....	...do.....	2,772	277,217	2,499	241,342
20421 00	Poultry feeds, n.s.k.....	...do.....	474	38,670	325	30,060
20422 --	Livestock feeds (complete feeds and supplements) ⁷.....	...do.....	17,002	1,388,418	11,740	958,888
20422 10	Complete livestock feeds.....	...do.....	9,775	694,639	7,907	593,548
20422 50	Livestock feed supplements and concentrates.....	...do.....	6,647	646,381	3,551	339,549
20422 00	Livestock feeds, n.s.k. ⁷.....	...do.....	580	47,398	282	25,791
20423 --	Dog and cat food.....	1,000 lbs.....	4,504,251	441,895	3,278,767	305,360
	Canned:					
20423 12	100% horsemeat type.....	...do.....	150,220	21,244	67,995	9,243
20423 15	Other canned dog and cat food.....	...do.....	2,122,445	209,131	1,614,749	168,520
20423 51	Biscuits, pellets, and meal.....	...do.....	2,167,988	205,281	1,559,825	124,687
20423 00	Dog and cat food, n.s.k.....	...do.....	63,598	6,239	36,198	2,910
20424 --	Other prepared animal feeds (including feeding materials and adjuncts).....	.....	(X)	280,128	(X)	235,721
20424 11	Grain ground, rolled, pulverized, chopped, or crimped.....	1,000 sacks (cwt.).....	35,950	113,300	23,640	75,102
20424 22	Mineral mixtures, including oyster shells prepared for feed use.	1,000 lbs.....	912,558	35,811	612,000	25,575
	Alfalfa meal:					
20424 31	Sun cured.....	1,000 short tons.....	289	10,183	134	4,720
20424 35	Dehydrated.....	...do.....	1,726	71,162	1,066	43,624
20424 00	Other prepared animal feeds, n.s.k, including other feed materials and special feeds, n.e.c. ⁸.....	.....	(X)	49,672	(X)	86,700
20420 00	Prepared animal feeds, n.s.k.....	.....	(X)	121,912	(X)	102,159

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2043- --	CEREAL BREAKFAST FOODS, TOTAL.....	1,000 lbs.....	2,105,663	561,450	(X)	431,788
	Ready-to-serve:					
20430 11	Corn flakes and other corn breakfast foods.....	...do.....	391,694	131,559	309,300	82,709
20430 12	Wheat flakes and other wheat breakfast foods.....	...do.....	444,532	146,146	344,063	100,351
20430 15	Oat breakfast foods.....	...do.....	203,189	75,067	390,206	158,078
20430 17	Rice breakfast foods.....	...do.....	176,062	80,624		
20430 19	Preparations of other grains and mixed grains, including baby cereal.....	...do.....	77,786	28,135		
	To-be-cooked before serving:					
20430 52	Farina and other wheat foods.....	...do.....	206,999	27,495	128,144	22,791
20430 53	Rolled oats and oatmeal.....	...do.....	473,279	58,291	484,271	57,007
20430 59	Preparations of other grains and mixed grains ⁹.....	...do.....	128,800	13,233	(X)	10,852
20430 00	Cereal breakfast foods, n.s.k.....	...do.....	43,322	900		
2044- --	MILLED RICE AND BYPRODUCTS, TOTAL.....	...do.....	5,097,068	407,136	3,433,533	281,273
	Head rice:					
20440 11	Packed in 100-pound bags and over.....	...do.....	3,071,279	272,692	1,846,974	172,905
20440 15	Packed in 3-pound containers or less.....	...do.....	420,455	48,682	380,086	51,135
20440 17	Packed in other containers.....	...do.....	318,829	33,576	143,968	14,213
20440 21	Second heads:.....	...do.....	282,702	16,410	256,588	15,081
20440 31	Screenings.....	...do.....	145,301	7,259	124,618	6,162
20440 41	Brewers rice.....	...do.....	261,343	12,373	222,522	11,484
20440 51	Bran.....	...do.....	506,487	8,902	419,547	7,080
20440 98	All other milled rice and byproducts.....	...do.....	358,833	4,699	39,230	3,213
20440 00	Milled rice products, n.s.k.....	...do.....	31,839	2,543		
2046- --	WET CORN MILLING (INCLUDING STARCH), TOTAL ¹⁰.....	.....	(X)	547,195	(X)	482,577
	Corn sirup unmixed:					
20460 08	Low (28 to 37 dextrose equivalent).....	1,000 lbs.....	89,368	4,496	1,725,922	87,926
20460 12	Regular (38 to 47 dextrose equivalent).....	...do.....	1,200,485	60,114		
20460 13	Intermediate (48 to 57 dextrose equivalent).....	...do.....	128,380	6,436		
20460 14	High (58 and over dextrose equivalent).....	...do.....	843,021	42,492		
	Corn sugar:					
20460 16	Crude (70°, 80°).....	...do.....	1,093,556	71,507	867,621	56,815
20460 17	Refined (hydrous and anhydrous).....	...do.....				
20460 18	Corn sirups solids (dried corn sirup).....	...do.....	110,395	8,840	106,188	8,384
	Cornstarch, including milo:					
20460 31	In packages larger than 5 lbs.....	...do.....	2,498,278	169,164	1,972,414	134,667
20460 33	In packages of 5 lbs or less.....	...do.....	66,843	8,086	159,466	28,118
	Other starches:					
20460 41	Potato, Irish.....	...do.....	132,636	8,683	126,254	7,608
20460 43	Other starches (wheat, rice, etc.).....	...do.....	102,766	9,162	140,778	10,810
20460 51	Dextrin (corn, tapioca, and other).....	...do.....	118,891	9,887	172,806	13,770
20460 61	Crude corn oil.....	...do.....	(11)	60,894	(11)	66,013
20460 65	Refined corn oil.....	...do.....				
	Wet process corn byproducts:					
20460 71	Steep water concentrate (50% solids basis).....	...do.....	42,738	1,034	80,194	2,233
20460 75	Corn gluten feed.....	...do.....	1,316,799	27,372	1,298,433	26,364
20460 77	Corn gluten meal.....	...do.....	1,078,254	33,295	812,066	29,247
20460 79	Other wet process corn byproducts.....	.....	(NA)	17,183	(NA)	10,622
20460 00	Other wet process corn byproducts, n.s.k.....	.....	(X)	8,550		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Prior to 1963, refrigerated doughs were not specifically listed on the report form, and data for these products were usually classified in either industry 2037, Frozen Fruits and Vegetables or industry 2099, Food Preparation, N.E.C., depending upon the description of the refrigerated dough furnished by the respondent.

²Separate reporting was requested for phosphated and self-rising flour. In 1963, a substantial number of flour mills included their shipments of such flour with white family flour. The reported information for flour mills (SIC 2041) was therefore combined for these products for both 1958 and 1963. For 1958, 7,217 thousand sacks valued at \$43,247 thousand of phosphated flour and 10,418 thousand sacks valued at \$65,928 thousand of self-rising flour was shifted from product class 20415 to 20411. Since the output of self-rising and phosphated flours was reported separately by flour blenders and would duplicate the flour production at flour mills, this information as reported by blenders is shown separately in product class 20455.

³Separate reporting was requested for family flour and bakery and institutional flour. However, because the records of some flour mills did not indicate the final consumer, family flour and bakery and institutional flour have been combined for the following flour size groups: 25 pounds or less, 26 to 99 pounds, nonbulk containers of 100 pounds and over.

⁴Quantity estimated based on quantity-value relationship of other products in the product class or industry.

⁵Data for product codes 2041573 and 2045573 are included with product codes 2041579 and 2045579 to avoid disclosing figures for individual companies.

⁶Does not include feed mixed in such nonmanufacturing establishments as grain elevators, custom or grist mills, and farm supply stores.

⁷Includes rabbit and other small animal feeds (except dog and cat food).

⁸Includes miscellaneous feed materials not shown elsewhere, such as dried citrus pulp, condensed beet solubles and feed for birds, fish, and other pets (except dog and cat food).

⁹Includes cereal coffee substitutes.

¹⁰Excludes starch made from purchased stock which is now classified in industry 2842, Polishes and Sanitation Goods.

¹¹Includes a large amount of duplication because of interplant shipments of crude oil.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
204	Grain mill products.....1963..	138	93
	.....1958..	114	95
2041	Flour mill products.....1963..	128	89
	.....1958..	111	91
20411	Wheat flour, except flour mixes.....1963..	122	92
	.....1958..	108	94
20412	Wheat bran, shorts, and middlings.....1963..	114	87
	.....1958..	110	79
20413	Corn meal (for human and animal use).....1963..	149	78
	.....1958..	130	83
20415	} Blended and prepared flour, including		
20455			
	refrigerated doughs ¹.....1963..	152	107
	.....1958..	117	99
20416	Grain mill products, n.e.c.....1963..	178	76
	.....1958..	109	88
2042	Prepared animal feeds.....1963..	139	91
	.....1958..	115	94
20421	Poultry feeds (complete feeds and supplements).....1963..	112	87
	.....1958..	110	94
20422	Livestock feeds (complete feeds and supplements).....1963..	174	92
	.....1958..	118	94
20423	Dog and cat food.....1963..	175	105
	.....1958..	127	99
20424	Other prepared animal feeds (including feeding materials and adjuncts).....1963..	120	89
	.....1958..	101	93
2043	Cereal breakfast foods.....1963..	148	114
	.....1958..	114	114
2044	Milled rice and byproducts.....1963..	158	97
	.....1958..	104	102
2045	Blended and prepared flour ¹.....1963..	152	107
	.....1958..	117	99
2046	Wet corn milling (including starch). ....1963..	133	98
	.....1958..	115	98

¹These indexes have been computed on a "wherever-made basis" - that is, they include the production and shipments of flour mills (industry 2041) and mills blending and preparing flour, including refrigerated doughs, from purchased flour (industry 2045).

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2041-	Flour mills.....	2,070,583	2,079,706	1,984,573	1,943,841	1,870,910	1,914,111	1,847,631	(NA)
20411	Wheat flour, except blended or prepared ² ..	1,490,855	1,534,854	1,455,357	1,428,507	1,352,384	1,398,854	1,270,709	1,598,178
20412	Wheat bran and middlings.....	199,525	189,145	179,505	180,952	178,211	167,870	195,065	320,580
20413	Corn meal (for human and animal use).....	75,017	72,064	67,218	63,404	57,691	68,829	64,194	65,694
20415	Prepared flour and flour mixes (made from flour milled in this establishment) (see also code 20455) ²	115,059	127,573	131,981	126,684	122,597	134,451	194,050	(NA)
20416	Grain mills products, n.e.c.....	163,798	127,829	123,071	117,817	120,694	118,783	123,613	129,280
20410	Flour mills, n.s.k.....	26,329	(28,241)	(27,441)	(26,477)	(39,333)	25,324		31,625
2042-	Prepared animal feeds.....	3,677,307	3,517,018	3,390,904	3,124,692	3,104,345	3,076,409	2,843,114	2,213,471
20421	Poultry feeds (complete feeds and supplements).....	1,444,954	1,455,929	1,479,771	1,335,783	1,350,587	1,474,281	1,428,707	} 1,855,981
20422	Livestock feeds (complete feeds and supplements).....	1,388,418	1,224,602	1,139,706	1,049,222	1,050,649	958,888	865,605	
20423	Dog and cat food.....	441,894	366,188	354,210	343,203	312,986	305,360	241,505	96,359
20424	Other prepared animal feeds (including feeding materials and adjuncts).....	280,128	321,465	309,710	289,461	278,969	235,721	252,640	214,102
20420	Prepared animal feeds, n.s.k.....	121,912	(148,834)	(107,507)	(107,023)	(111,154)	102,159	54,657	47,029
20430	Cereals, breakfast foods.....	561,450	516,582	484,275	452,006	441,799	431,788	330,970	221,758
20440	Milled rice and byproducts.....	407,136	374,207	294,640	281,309	268,013	281,273	264,750	224,162
20455	Prepared flour and flour mixes (made from flour not milled in same establishment) (see also code 20415).....	³ 410,884	(281,362)	(296,520)	283,087	223,803	221,815	208,593	(NA)
20460	Wet corn milling, n.s.k.....	547,195	553,177	533,653	493,955	487,917	482,577	435,966	421,795

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Because in 1963 a substantial number of flour mills included their shipments of phosphates and self-rising flour with white family flour, we have revised the 1963 thru 1958 data, so that phosphated and self-rising flour are included in product class 20411, Wheat flour, except blended or prepared and excluded from product class 20415, Prepared flour and flour mixes.

³Includes refrigerated doughs which were not included in previous years.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹			1963 ¹	1958		1963 ¹	1958
WHEAT FLOUR, EXCEPT BLENDED AND PREPARED (20411)			CORN MEAL (FOR HUMAN AND ANIMAL USE) (20413)			GRAIN MILL PRODUCTS, N.E.C. (20416)—Continued		
United States, total....	1,490,855		United States, total...	75,017	68,829	West North Central.....		40,940
Middle Atlantic.....	199,057		Northeast.....	3,028	(Z)	Minnesota.....		10,459
New York.....	182,829		Pennsylvania.....	2,466	(Z)	Iowa.....		10,557
East North Central.....	239,487		East North Central.....	14,238	11,644	South Atlantic.....		1,770
Ohio.....	56,373		Indiana.....	3,237	2,553	East South Central.....		7,288
Indiana.....	31,908		Illinois.....	9,986	3,782	Tennessee.....		3,558
Illinois.....	105,028		West North Central.....	12,424	12,329	West South Central.....		4,730
West North Central.....	594,593		South Atlantic.....	15,461	14,043	Mountain.....		3,234
Minnesota.....	147,995		Delaware.....	(D)	(Z)	Pacific.....		3,773
Iowa.....	33,112		Virginia.....	1,203	1,814			
Missouri.....	118,918		North Carolina.....	3,113	3,967	POULTRY FEEDS (COMPLETE FEEDS AND SUPPLEMENTS) (20421)		
South Atlantic.....	31,847		Georgia.....	2,789	4,372	United States, total...	1,444,954	1,474,281
Maryland.....	2,033		East South Central.....	18,872	15,789	Northeast.....	76,381	86,460
Virginia.....	7,082		Kentucky.....	5,285	(Z)	New Hampshire.....	8,227	6,648
North Carolina.....	11,951		Tennessee.....	7,297	6,365	Vermont.....	32,800	52,756
South Carolina.....	2,506		Alabama.....	4,906	5,247	Massachusetts.....	8,242	19,615
Georgia.....	6,039		Mississippi.....	1,384	(Z)	Middle Atlantic.....	130,873	165,538
East South Central.....	61,926		West South Central.....	7,694	10,251	New York.....	59,161	85,214
Tennessee.....	45,965		Texas.....	5,157	6,323	New Jersey.....	23,127	29,196
West South Central.....	132,536		West.....	3,300	(Z)	Pennsylvania.....	48,585	51,128
Oklahoma.....	42,446					East North Central.....	171,438	207,256
Texas.....	90,090		PREPARED FLOUR AND FLOUR MIXES (20415 and 20455)			Ohio.....	56,320	81,702
Mountain.....	85,599		United States, total...		525,943	Indiana.....	45,115	43,567
Montana.....	15,170		New England.....		6,501	Illinois.....	47,717	67,725
Utah.....	31,755		Middle Atlantic.....		97,485	Michigan.....	1,954	3,120
Pacific.....	145,810		New York.....		40,814	Wisconsin.....	20,332	11,142
Washington.....	62,747		New Jersey.....		17,899	West North Central.....	135,370	168,299
California.....	51,266		Pennsylvania.....		38,772	Minnesota.....	30,925	34,417
WHEAT BRAN AND MIDDINGS (20412)			East North Central.....		238,359	Iowa.....	37,492	42,941
United States, total....	199,525	167,870	Ohio.....		55,672	Missouri.....	33,297	58,269
Middle Atlantic.....	26,543	24,730	Illinois.....		98,409	South Dakota.....	4,662	(Z)
New York.....	24,108	22,491	Wisconsin.....		2,450	Nebraska.....	16,742	16,981
East North Central.....	35,556	29,821	West North Central.....		38,351	Kansas.....	11,594	12,896
Ohio.....	8,154	8,858	Minnesota.....		3,969	South Atlantic.....	371,851	349,346
Illinois.....	14,026	10,462	Missouri.....		12,324	Delaware.....	42,612	55,989
Michigan.....	6,596	5,515	Kansas.....		3,355	Maryland.....	28,156	24,047
West North Central.....	83,950	61,878	South Atlantic.....		36,039	Virginia.....	37,168	42,143
Minnesota.....	18,480	15,791	East South Central.....		19,759	North Carolina.....	106,443	89,293
Missouri.....	15,088	(Z)	West South Central.....		22,652	South Carolina.....	12,272	8,375
Nebraska.....	5,069	4,188	Texas.....		20,552	Georgia.....	127,746	112,276
Kansas.....	38,069	23,727	Mountain.....		3,425	Florida.....	14,432	13,523
South Atlantic.....	4,525	5,495	Pacific.....		63,372	East South Central.....	192,386	163,850
Virginia.....	1,093	(Z)	Washington.....		4,396	Kentucky.....	13,678	15,285
North Carolina.....	1,194	1,775	California.....		58,367	Tennessee.....	70,844	78,277
East South Central.....	8,593	7,698	GRAIN MILL PRODUCTS, N.E.C. (20416)			Alabama.....	73,409	47,909
Tennessee.....	6,311	4,835	United States, total...		163,798	Mississippi.....	34,455	22,379
West South Central.....	17,276	15,219	Northeast.....		8,043	West South Central.....	169,558	135,274
Oklahoma.....	5,365	5,396	East North Central.....		94,020	Arkansas.....	78,449	31,297
Texas.....	11,911	9,772	Illinois.....		59,847	Louisiana.....	15,466	16,301
Mountain.....	8,640	7,771				Oklahoma.....	11,873	14,490
Utah.....	3,773	2,884				Texas.....	63,770	73,186
Pacific.....	14,442	15,258				Mountain.....	23,694	22,440
Washington.....	5,262	5,160				Idaho.....	4,646	(Z)
Oregon.....	2,206	5,448				Colorado.....	4,582	5,870
California.....	6,974	4,650				Arizona.....	4,379	3,492
						Utah.....	8,493	10,126
						Pacific.....	173,403	175,818
						California.....	130,763	129,864

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
LIVESTOCK FEEDS (COMPLETE FEEDS AND SUPPLEMENTS) (20422)			DOG AND CAT FOODS (20423)			OTHER PREPARED ANIMAL FEEDS (INCLUDING FEEDING MATERIALS AND ADJUNCTS) (20424)—Continued		
United States, total....	1,388,418	958,888	United States, total....	441,895	305,360	South Atlantic.....	23,761	14,533
Northeast.....	32,967	21,535	Northeast.....	18,960	13,374	Maryland.....	2,282	1,556
New Hampshire.....	1,718	(Z)	Massachusetts.....	13,618	(²)	Virginia.....	1,026	(Z)
Vermont.....	25,883	16,400	Middle Atlantic.....	60,754	45,571	North Carolina.....	6,579	(²)
Massachusetts.....	3,470	2,285	New York.....	24,936	28,298	Georgia.....	2,920	1,226
Middle Atlantic.....	134,571	99,784	New Jersey.....	6,851	3,749	Florida.....	9,740	9,171
New York.....	92,419	71,826	Pennsylvania.....	28,967	13,524	East South Central.....	23,835	13,116
New Jersey.....	10,024	5,515	East North Central.....	191,548	116,232	Kentucky.....	2,180	(²)
Pennsylvania.....	32,128	22,443	Ohio.....	42,091	23,349	Tennessee.....	3,951	2,597
East North Central.....	328,872	251,835	Illinois.....	119,215	72,345	Alabama.....	16,464	(²)
Ohio.....	53,745	52,344	Michigan.....	12,376	7,324	Mississippi.....	1,240	2,238
Indiana.....	76,656	55,461	West North Central.....	48,895	43,443	West South Central.....	21,655	17,395
Illinois.....	174,530	128,762	Missouri.....	1,203	6,593	Arkansas.....	1,317	1,027
Michigan.....	1,572	2,280	Nebraska.....	3,143	(Z)	Louisiana.....	1,923	1,116
Wisconsin.....	22,369	12,988	Kansas.....	14,644	7,686	Oklahoma.....	3,022	2,668
West North Central.....	403,853	284,060	South Atlantic.....	7,044	6,837	Texas.....	15,393	12,584
Minnesota.....	54,140	42,754	North Carolina.....	2,704	1,943	Mountain.....	19,620	14,632
Iowa.....	164,004	118,429	East South Central.....	32,898	20,933	Colorado.....	11,533	7,712
Missouri.....	78,071	67,489	Tennessee.....	5,320	3,275	New Mexico.....	2,510	1,522
North Dakota.....	2,598	(Z)	Alabama.....	13,201	6,378	Arizona.....	2,267	1,851
South Dakota.....	9,867	(Z)	Mississippi.....	13,998	11,045	Utah.....	1,562	(²)
Nebraska.....	64,782	38,952	West South Central.....	9,912	11,647	Pacific.....	32,784	27,221
Kansas.....	30,391	11,989	Oklahoma.....	4,953	4,955	Washington.....	3,111	3,288
South Atlantic.....	113,175	86,836	Texas.....	4,358	6,367	Oregon.....	3,509	2,689
Maryland.....	6,286	7,828	Mountain.....	6,752	1,832	California.....	24,248	21,244
Virginia.....	17,913	12,127	Colorado.....	6,018	(²)	Hawaii.....	1,916	(Z)
North Carolina.....	25,647	20,123	Pacific.....	65,132	45,491	CEREALS, BREAKFAST FOOD (20430)		
South Carolina.....	6,850	3,770	California.....	57,341	35,111	United States, total....		561,450
Georgia.....	22,063	14,262	OTHER PREPARED ANIMAL FEEDS (INCLUDING FEEDING MATERIALS AND ADJUNCTS) (20424)			Northeast.....		71,885
Florida.....	28,982	23,835	United States, total....	280,128	235,721	New York.....		50,023
East South Central.....	92,504	60,558	Northeast.....	6,172	2,868	Pennsylvania.....		15,286
Kentucky.....	13,090	9,479	Middle Atlantic.....	31,801	37,901	East North Central.....		294,645
Tennessee.....	42,624	28,257	New York.....	19,031	22,478	Ohio.....		28,804
Alabama.....	23,794	12,570	New Jersey.....	2,965	2,559	West North Central.....		105,731
Mississippi.....	12,996	10,252	Pennsylvania.....	9,805	12,864	South and West.....		89,189
West South Central.....	141,791	74,515	East North Central.....	41,324	41,858	WET CORN MILLING (20460)		
Arkansas.....	12,569	8,536	Ohio.....	11,626	9,657	United States, total....		547,195
Louisiana.....	7,433	6,579	Indiana.....	3,596	1,857	Northeast.....		6,743
Oklahoma.....	27,227	11,202	Illinois.....	11,599	15,797	Middle Atlantic.....		3,270
Texas.....	94,562	48,198	Michigan.....	5,397	5,069	East North Central.....		318,139
Mountain.....	45,884	22,883	Wisconsin.....	9,106	9,478	Illinois.....		238,796
Montana.....	3,688	2,044	West North Central.....	79,176	66,197	West North Central.....		190,262
Idaho.....	4,707	(Z)	Minnesota.....	10,103	12,384	South.....		22,201
Colorado.....	11,259	5,796	Iowa.....	13,369	13,197	Mountain.....		4,241
Arizona.....	14,891	3,173	Missouri.....	5,553	7,327	Idaho.....		2,978
Utah.....	7,659	6,589	North Dakota.....	1,338	(Z)	Colorado.....		1,263
Pacific.....	94,801	56,882	South Dakota.....	2,892	(²)	Pacific.....		2,339
Washington.....	15,116	11,576	Nebraska.....	35,026	19,843			
California.....	67,146	39,059	Kansas.....	10,895	11,706			

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20411, New Jersey, Pennsylvania, Michigan, Wisconsin, North Dakota, South Dakota, District of Columbia, Kentucky, Alabama, Idaho, Wyoming, Colorado, New Mexico, Arizona, and Oregon; 20412, Pennsylvania, Indiana, Wisconsin, Iowa, North Dakota, Kentucky, Montana, and Colorado; 20413, Iowa, Missouri, Nebraska, Delaware, District of Columbia, West Virginia, Louisiana, Oklahoma, and California; 20415, Massachusetts, Indiana, Michigan, Iowa, Nebraska, Maryland, Virginia, West Virginia, North Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Louisiana, and Utah; 20416, New York, Pennsylvania, Ohio, Indiana, Wisconsin, Missouri, Nebraska, Kansas, Alabama, Texas, Montana, Utah, Washington, and California; 20421, Maine, Rhode Island, Connecticut, West Virginia, Oregon, and Hawaii; 20422, Maine, Delaware, West Virginia, New Mexico, Oregon, and Hawaii; 20423, Maine, Indiana, Wisconsin, Minnesota, Iowa, South Dakota, South Carolina, Washington, and Oregon; 20424, Vermont and Connecticut; 20430, Vermont, Massachusetts, New Jersey, Indiana, Illinois, Michigan, Minnesota, Iowa, Missouri, Nebraska, Tennessee, Texas, and California; 20460, Maine, New Jersey, Ohio, Indiana, Michigan, Iowa, Missouri, Texas, and California.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2041.—FLOUR MILLS				INDUSTRY 2042.—PREPARED ANIMAL FEEDS			
	Materials, ingredients, containers, and supplies, total.....		(X)	1,690,378	(X)	1,576,288	(X)	2,615,561	(X)	2,166,992
011371	Wheat.....	1,000 bu....	583,121	1,312,752	563,143	1,192,521	30,206	53,147	21,613	38,841
011321	Corn.....	..do.....	85,563	111,439	69,582	90,354	311,235	419,987	246,246	343,412
011331	Oats.....	..do.....	13,505	10,207	16,776	12,366	63,693	53,838	97,262	77,694
011311	Barley.....	..do.....	3,256	3,573	4,266	4,697	38,546	40,942	36,437	39,306
011361	Sorghum grain.....	..do.....	6,390	6,976	4,964	5,839	91,637	105,350	44,727	55,309
204101	Wheat flour.....	Cwt.....	3,479,349	18,499	4,597,622	22,900	5,945,992	15,705	2,414,816	8,823
206011	Sugar (cane and beet) in terms of sugar solids.....	..do.....	1,541,476	14,513	1,697,627	15,896	1,025,267	8,235	527,417	3,942
209613	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	1,000 lbs...	46,309	5,620	52,074	8,640	74,109	4,369	(1)	(1)
229921	Burlap bags, new.....	1,000 bags..	34,725	6,338	46,016	6,701	111,717	23,274	159,764	28,995
221102	Cotton bags.....		(X)	14,714	(X)	18,038	(X)	4,160	(X)	8,433
264338	Paper shipping sacks.....		(X)	25,836	(X)	31,834	(X)	28,064	(X)	26,972
265013	Paperboard, folding and corrugated boxes.....		(X)	10,681	(X)	10,619	(X)	12,197	(X)	6,425
340001	Metal containers.....		-	-	-	-	(X)	45,191		
970099	All other materials, containers, and supplies consumed.....		(X)	115,261			(X)	1,544,696	(X)	1,528,840
976000	Materials, ingredients, containers, and supplies, n.s.k. ²		(X)	33,969	(X)	155,883	(X)	256,406		
			INDUSTRY 2043.—CEREAL PREPARATIONS				INDUSTRY 2045.—BLENDED AND PREPARED FLOUR			
	Materials, ingredients, containers, and supplies, total.....		(X)	245,694	(X)	185,595	(X)	238,673	(X)	³ 151,181
011311	Barley.....	1,000 bu....	746	1,091	1,314	1,530	-	-	-	-
011321	Corn.....	..do.....	10,037	16,265	10,854	16,138	1,366	1,893	(1)	(1)
011331	Oats.....	..do.....	22,278	17,644	23,330	17,180	80	64	(1)	(1)
011371	Wheat.....	..do.....	14,059	24,562	7,247	16,815	1,473	2,890	(1)	(1)
204101	Wheat flour.....	Sack (cwt)..	2,386,746	14,608	1,162,197	5,940	10,974,543	64,656	5,177,017	29,278
206011	Sugar (cane and beet).....	..do.....	2,665,912	25,042	1,770,464	15,707	4,221,946	42,363	2,781,684	25,711
209613	Fats and oils for use in flour and prepared flour mixes (purchased as such).....	1,000 lbs...	(1)	(1)	(1)	(1)	82,981	10,845	75,814	12,278
229921	Burlap bags, new.....	1,000 bags..	1,325	219	964	146	632	136	(1)	(1)
221102	Cotton bags.....		(X)	129	(X)	(1)	(X)	333	(X)	(1)
264336	Paper shipping sacks.....		(X)	766	(X)	107	(X)	1,153	(X)	(1)
265013	Paperboard, folding and corrugated boxes.....		(X)	50,472	(X)	39,385	(X)	18,225	(X)	(1)
340001	Metal containers.....		(X)	(1)	(X)	(1)	(X)	2,202	(X)	(1)
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	92,813	(X)	72,647	(X)	93,913	(X)	83,914
976000	Materials, ingredients, containers, and supplies, n.s.k. ²		(X)	2,083						
			INDUSTRY 2044.—RICE MILLING				INDUSTRY 2046.—WET CORN MILLING			
	Materials, ingredients, containers, and supplies, total.....		(X)	336,443	(X)	231,022	(X)	311,304	(X)	262,653
011301	Corn, including sorghum grain..	1,000 bu....	-	-	-	-	171,493	233,081	⁴ 140,948	⁴ 169,396
011341	Rice rough.....	1,000 lbs....	6,294,502	314,151	4,125,134	218,410	-	-	-	-
204601	Purchased cornstarch.....	..do.....	-	-	-	-	(1)	(1)	84,209	4,758
970099	All other materials, ingredients, containers, and supplies consumed.....		(X)	22,292	(X)	12,612	(X)	78,223	(X)	88,499

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Included in material code 970099, All other materials.

²Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested on (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

³In 1958, the separate reporting of refrigerated doughs was not requested; therefore, all material data for refrigerated doughs were excluded.

⁴Excludes sorghum grain.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Flour mills (SIC 2041)	Prepared animal feeds (SIC 2042)	Cereal preparations (SIC 2043)	Rice milling (SIC 2044)	Blended and prepared flour (SIC 2045)	Wet corn milling (SIC 2046)
Total cost of purchased fuels and electric energy.....\$1,000..	15,071	32,770	4,514	1,647	1,324	15,211
Total cost of purchased fuels.....do....	3,027	13,187	2,269	376	505	12,872
Bituminous coal, lignite, and anthracite:						
Quantity.....1,000 short tons..	137	69	82	-	(S)	1,578
Cost.....\$1,000..	999	466	722	-	(S)	9,281
Coke and breeze:						
Quantity.....1,000 short tons..	(S)	-	-	-	-	-
Cost.....\$1,000..	(S)	-	-	-	-	-
Fuel oil (distillate and residual):						
Quantity.....1,000 barrels of 42 gallons..	141	955	40	-	76	(S)
Cost.....\$1,000..	532	3,522	140	-	215	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):						
Quantity.....million cu.ft..	2,519	14,737	2,188	958	306	9,277
Cost.....\$1,000..	1,062	6,430	996	279	196	2,898
Other fuels.....do....	433	2,769	411	97	39	63
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	1,115	1,256	218	104	62	215
Cost.....\$1,000..	12,044	19,583	2,245	1,271	819	2,339
Generated less sold.....million kw.-hrs..	30	(S)	37	(S)	(S)	796
Aggregate horsepower of prime movers and electric motors driven by purchased energy,(December 31), total.....1,000 hp..	525	986	114	60	40	298
Prime movers, total.....do....	36	70	9	8	5	237
Driving generators.....do....	14	22	7	5	3	218
Not driving generators.....do....	22	48	2	3	2	19
Electric motors, total.....do....	505	921	122	53	38	285
Driven by purchased energy.....do....	489	916	104	53	35	61
Driven by energy generated at establishment.....do....	16	5	17	(Z)	3	224
Aggregate horsepower per 100 production workers.....	2,779	2,708	1,192	1,799	1,238	2,914

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2041-	FLOUR MILLS										
	Entire industry.....	618	22,405	137,663	16,435	38,422	94,942	373,090	1,804,002	2,176,529	23,485
	Establishments with—										
	90% or more specialization..	463	16,845	107,429	12,682	29,967	75,968	276,789	1,526,443	1,804,040	18,555
	75-89% specialization.....	56	2,076	11,567	1,464	3,250	7,559	30,925	107,313	137,501	2,233
20411	Wheat flour, except blended and prepared (primary product class of estab.).....	306	16,735	103,301	12,341	28,334	72,409	268,812	1,499,709	1,767,928	14,576
	Establishments with—										
	90% or more specialization....	44	2,764	18,345	2,227	5,235	13,935	68,502	265,713	333,339	2,418
	75-89% specialization.....	155	9,825	63,685	7,513	17,127	46,170	146,275	1,023,510	1,170,720	9,906
20413	Corn meal (for human and animal use) (primary product class of estab.).....	95	856	3,636	597	1,591	2,129	7,418	26,034	33,344	542
	Establishments with—										
	90% or more specialization....	48	171	663	113	415	411	1,819	6,203	8,033	278
	75-89% specialization.....	12	231	767	185	420	524	1,423	7,382	8,789	35
20415	Prepared flour and flour mixes (made from flour milled in this establishment) ¹ (primary product class of estab.).....	33	2,332	16,005	1,597	3,589	10,132	53,618	144,078	197,915	3,973
20416	Grain mill products, n.e.c. (primary product class of estab.)....	33	1,776	11,666	1,368	3,057	7,928	35,022	107,068	141,860	3,617
	Establishments with—										
	90% or more specialization....	12	451	2,979	313	642	1,720	8,864	27,833	36,599	745
	75-89% specialization.....	8	426	2,563	358	808	2,006	3,669	23,638	27,368	1,360
2042-	PREPARED ANIMAL FEEDS										
	Entire industry.....	2,590	54,649	278,729	34,564	75,669	159,079	983,691	2,903,596	3,880,122	53,394
	Establishments with—										
	90% or more specialization..	2,390	47,462	242,615	29,721	65,301	135,787	846,164	2,583,261	3,424,670	46,282
	75-89% specialization.....	70	2,823	14,894	1,809	4,116	9,098	49,907	113,704	162,793	2,125
20421	Poultry feeds (complete feeds and supplements) (primary product class of estab.).....	534	15,689	77,874	9,304	19,661	39,894	296,883	1,133,211	1,428,370	13,568
	Establishments with—										
	90% or more specialization....	208	4,820	24,299	2,789	6,000	11,707	92,899	424,744	517,062	4,424
	75-89% specialization.....	81	1,946	9,876	1,117	2,365	4,907	45,081	170,444	215,396	1,658
20422	Livestock feeds (complete feeds and supplements) ¹ (primary product class of estab.).....	928	23,184	120,082	13,717	29,943	64,634	359,869	1,163,002	1,519,859	21,659
	Establishments with—										
	90% or more specialization....	376	5,326	26,134	2,971	6,515	13,282	66,313	191,210	257,603	5,077
	75-89% specialization.....	184	4,748	24,195	2,796	6,319	12,770	100,360	271,285	370,239	4,999
20423	Dog and cat food (primary product class of estab.).....	177	6,849	39,852	5,188	11,363	28,096	201,937	282,802	483,939	6,425
	Establishments with—										
	90% or more specialization....	148	4,971	28,374	3,721	7,985	19,105	148,382	196,630	344,458	5,116
20424	Other prepared animal feeds (including feeding materials and adjuncts) (primary product class of estab.).....	466	5,844	28,693	4,192	9,961	18,340	79,011	181,301	258,874	6,095
	Establishments with—										
	90% or more specialization....	355	4,248	20,618	3,171	7,645	13,923	55,196	94,333	148,616	4,304
	75-89% specialization.....	31	310	1,509	194	409	760	4,228	9,432	13,533	297
2043-	CEREAL PREPARATIONS										
	Entire industry.....	48	11,358	75,098	9,416	18,829	59,575	365,022	264,674	625,058	15,273
2045-	BLENDED AND PREPARED FLOUR ²										
	Entire industry.....	165	7,199	45,391	5,135	10,703	27,394	177,826	255,668	434,023	6,142
	Establishments with—										
	90% or more specialization..	130	3,323	20,587	2,396	4,982	13,177	75,038	109,551	185,325	2,815
	75-89% specialization.....	11	900	5,314	549	1,129	2,781	22,135	28,753	50,776	562

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2046-	WET CORN MILLING										
	Entire industry.....	60	13,236	89,742	9,812	20,902	65,300	290,918	335,815	622,442	26,129
	Establishments with— 90% or more specialization...	51	6,902	48,329	5,224	11,415	34,541	132,500	171,358	301,538	15,102

n.e.c. Not elsewhere classified.

¹Represents flour mills in which the primary products shipped were blended and prepared flour or flour mixes.

²Represents blending plants specializing in the production of prepared flour and flour mixes from purchased flour or flour transferred from other plants of the same company.

BAKERY PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries—

SIC Code and Title

- 2051—Bread and Other Bakery Products, Except Biscuit, Crackers, and Pretzels
- 2052—Biscuit, Crackers, and Pretzels

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

Selected statistics are also included from the 1958 Census of Business for retail trade classification "Retail Bakeries—Manufacturing" (SIC 5462).

2051—BREAD AND OTHER BAKERY PRODUCTS, EXCEPT BISCUIT, CRACKERS, AND PRETZELS

Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments primarily engaged in producing "dry" bakery products, such as biscuit, crackers, and pretzels are classified in industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in retail trade, industry 5462. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more nonbaking retail outlets, are included in industry 2051.

Subindustries: The Standard Industrial Classification does not provide for separate industry data for the different types of bakeries included in industry 2051. In order to provide additional detail to reflect the differences among bakeries, i.e., interrelationships of value and type of bakery products shipped, materials used, value added by manufacture, employment, etc., industry 2051 has been divided into four subindustries described below.

Wholesale Bakeries: Bakeries selling chiefly at wholesale to other business concerns, including grocers, restaurants, hotels, institutions, and other establishments buying the products for resale. The principal products of this group of establishments are bread, bread-type rolls, and cakes. The sales values reported are the wholesale selling prices received by the manufacturer.

Grocery Chain Bakeries: Bakeries owned and operated by grocery chain store companies and distributing their product through retail grocery stores owned by the same company. The sales values reported by this group of establishments are based on a transfer price which is equivalent to the wholesale price.

Home Service Bakeries: Bakeries selling chiefly through retail home service routes. The values were reported generally at the retail prices, although in a few instances, transfers of goods between establishments of some of the larger companies were expressed in terms of wholesale prices.

Retail Multi-outlet Bakeries: Retail bakeries selling chiefly through nonbaking outlets operated by the same company. Statistics relating to the nonbaking outlets are not included, except in those cases where one retail unit was at the same location as the bakery and included as a part of the manufacturing establishment. Bakeries operated by restaurant chains are included in this subindustry. The value of products reported is largely based on the retail prices received for the product. However, some of the larger concerns reported a "transfer value," the nearest available equivalent to a wholesale price.

The use of distribution points or relay stations presented some reporting problems in the 1963 census. Companies were requested to consider relay stations an integral part of the plant in reporting employment and sales if they were used to distribute products primarily to consumers through home service routes. However, if they were primarily used for wholesale distribution to other businesses, the companies were requested to consider them wholesale sales branches, and file a separate report on Census of Business Form CB-50D, Wholesale Sales Branches of Manufacturing Companies. Thus the employment, sales, inventories, etc., of such establishments were included in the 1963 Census of Business tabulations.

The value of shipments and other receipts of the Bread and Related Products Industry in 1963 totaled \$4,506 million. This included shipments of primary products (bread and other perishable bakery products) valued at \$3,799 million, secondary products, including biscuit, crackers, and machine-made cookies, valued at \$92 million, and miscellaneous receipts (chiefly resales) at \$614 million.

The specialization and coverage ratios for industry 2051 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The production index for the primary products of the industry increased to 114 in 1963 from the 1958 level of 109. The unit value index for 1963 was 112 compared to 109 in 1958. Both indexes were computed on a basis of 1954 = 100.

2052—BISCUIT, CRACKERS, AND PRETZELS

Establishments primarily engaged in manufacturing biscuit (except raised biscuit), crackers, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in industry 2051.

The value of shipments of industry 2052, Biscuit, Crackers, and Cookies amounted to \$1,150 million in 1963, of which \$1,075 million were primary products, \$30 million secondary products, including perishable bakery products, and miscellaneous receipts (mostly resales) at \$45 million.

The specialization and coverage ratios for industry 2052 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics

(tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The production index for the primary products of the industry increased to 132 in 1963 from the 1958 level of 114. The unit value index for 1963 was 105 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

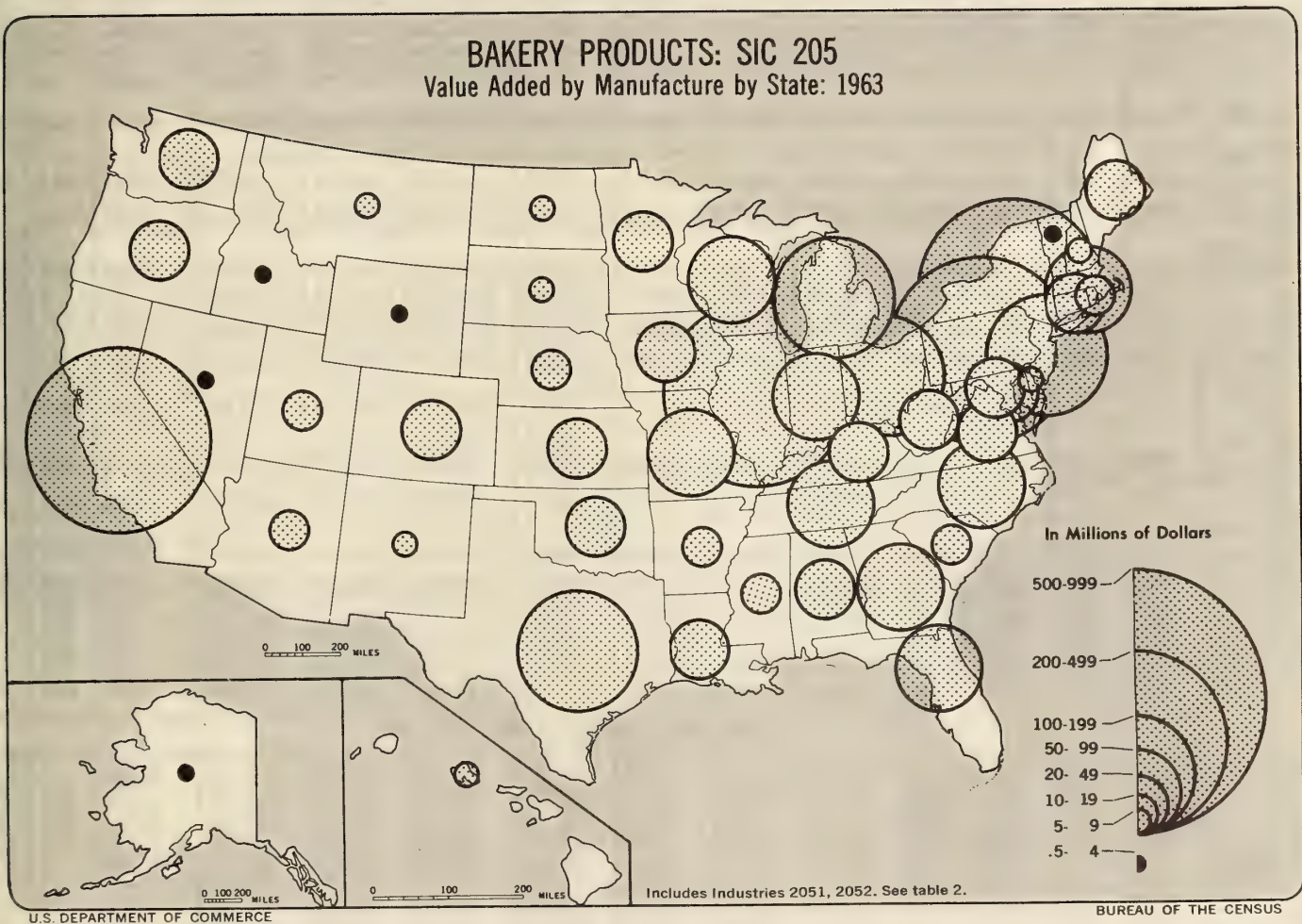


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2051.—BREAD AND RELATED PRODUCTS ¹														
1963, total...	4,339	5,010	1,904	236,984	1,300,329	129,909	267,615	645,680	2,403,782	2,103,082	4,505,995	95,280	98	99
Wholesale bakeries...	(NA)	4,287	1,546	180,428	1,000,188	96,965	201,297	470,823	1,868,219	1,640,810	3,508,209	81,321	(NA)	(NA)
Grocery chain bak- eries.....	(NA)	153	122	19,074	111,739	16,702	33,071	94,030	225,947	239,619	465,528	6,850	(NA)	(NA)
Home service bakeries...	(NA)	281	97	23,964	127,007	7,754	15,799	39,108	201,492	132,011	333,464	4,314	(NA)	(NA)
Retail multi-outlet bakeries...	(NA)	289	139	13,518	61,395	8,488	17,448	41,719	108,124	90,642	198,794	2,795	(NA)	(NA)
1962*.....	(NA)	(NA)	(NA)	254,176	1,321,019	137,213	286,615	641,087	2,333,525	2,106,638	4,446,345	92,583	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	255,540	1,276,790	140,516	292,804	630,997	2,284,879	2,076,529	4,365,186	96,444	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	260,408	1,271,639	144,006	300,535	629,593	2,266,170	2,059,103	4,332,915	101,895	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	260,714	1,222,884	146,583	299,260	607,579	2,236,412	2,027,484	4,266,634	127,204	(NA)	(NA)
1958, total ² ..	5,304	6,026	2,161	257,846	1,158,062	145,933	297,470	574,696	2,119,818	1,994,991	4,098,612	104,085	98	100
Wholesale bakeries ² ..	(NA)	5,240	1,768	194,410	877,139	109,282	223,405	420,144	1,613,287	1,531,875	3,130,415	81,666	(NA)	(NA)
Grocery chain bak- eries.....	(NA)	178	128	18,869	87,131	16,461	32,990	73,515	168,800	214,051	382,499	7,471	(NA)	(NA)
Home service bakeries...	(NA)	361	146	30,502	142,461	11,158	22,622	45,945	244,378	161,715	406,108	9,881	(NA)	(NA)
Retail multi-outlet bakeries...	(NA)	247	119	14,065	51,331	9,032	18,453	35,092	92,353	87,350	179,590	5,067	(NA)	(NA)
1957*.....	(NA)	(NA)	(NA)	262,813	1,136,495	147,467	294,187	540,595	2,014,197	1,613,349	3,528,308	(S)	98	99
1956*.....	(NA)	(NA)	(NA)	261,243	1,092,176	150,059	301,818	528,127	1,893,623	1,590,358	3,397,559	94,761	(NA)	(NA)
1955*.....	(NA)	(NA)	(NA)	252,097	1,030,706	145,278	298,196	498,666	1,773,693	1,547,114	3,238,717	82,176	(NA)	(NA)
1954, total ² ..	5,470	6,103	2,024	246,337	973,546	143,077	293,871	477,972	1,636,810	1,708,471	3,345,200	75,725	98	99
Wholesale bakeries...	(NA)	5,426	1,641	190,195	753,745	109,125	225,379	358,770	1,275,520	1,342,108	2,617,521	60,591	(NA)	(NA)
Grocery chain bak- eries.....	(NA)	142	114	16,233	60,078	14,382	28,198	50,964	108,887	162,167	271,140	4,907	(NA)	(NA)
Home service bakeries...	(NA)	217	148	28,094	120,962	11,434	23,922	40,594	189,315	144,273	333,528	7,650	(NA)	(NA)
Retail multi-outlet bakeries...	(NA)	318	121	11,813	38,760	8,134	16,370	27,642	63,088	59,923	123,011	2,575	(NA)	(NA)
1953*.....	(NA)	(NA)	(NA)	238,911	905,931	144,273	299,526	481,965	1,528,757	1,423,235	2,951,992	(NA)	(NA)	(NA)
1952*.....	(NA)	(NA)	(NA)	264,519	940,982	158,272	330,856	485,423	1,572,270	1,500,758	3,073,028	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	257,951	869,031	156,032	328,359	448,022	1,454,504	1,468,256	2,922,760	(NA)	(NA)	(NA)
1950*.....	(NA)	(NA)	(NA)	246,463	781,545	151,696	323,905	406,327	1,313,402	1,291,225	2,604,627	(NA)	(NA)	(NA)
1949*.....	(NA)	(NA)	(NA)	246,036	751,049	152,267	325,767	396,445	1,272,817	1,290,535	2,563,402	(NA)	(NA)	(NA)
1947.....	5,985	6,796	(NA)	232,726	654,776	149,519	325,580	350,056	1,098,012	1,305,577	2,403,589	(NA)	98	99
1939 ³	(NA)	10,325	(NA)	217,000	298,000	180,202	(NA)	236,576	573,837	491,498	1,065,335	(NA)	(NA)	(NA)
INDUSTRY 2052.—BISCUIT, CRACKERS, AND COOKIES														
1963.....	286	356	208	43,160	213,021	34,105	67,978	150,941	627,040	523,335	1,150,149	26,429	97	95
1962*.....	(NA)	(NA)	(NA)	42,439	204,794	33,160	66,772	143,083	618,216	516,097	1,134,067	38,031	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	42,808	193,492	33,415	66,539	132,800	591,847	482,991	1,073,871	14,248	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	43,368	189,656	33,830	67,527	130,537	576,521	478,386	1,051,292	12,744	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	44,050	182,350	33,776	66,795	123,934	542,355	458,685	998,035	14,508	(NA)	(NA)
1958 (new) ⁶ ...	285	339	206	44,461	179,829	34,296	68,483	122,659	523,318	456,785	982,545	15,521	97	95
1958 (old) ⁶ ...	(NA)	304	183	43,111	175,038	33,279	66,576	119,741	503,446	446,344	955,509	15,183	96	95
1957*.....	(NA)	(NA)	(NA)	40,933	162,817	32,558	63,942	115,706	468,173	398,822	856,164	10,648	96	95
1956*.....	(NA)	(NA)	(NA)	42,539	161,541	34,514	67,159	116,524	451,267	377,581	814,340	11,266	(NA)	(NA)
1955*.....	(NA)	(NA)	(NA)	43,168	154,918	34,842	67,286	111,627	418,330	353,278	763,146	15,361	(NA)	(NA)
1954.....	(NA)	311	(NA)	44,763	150,880	35,700	68,509	109,619	420,132	387,531	806,753	(NA)	97	93
1953*.....	(NA)	(NA)	(NA)	47,180	150,003	38,346	76,404	113,725	400,473	347,828	748,301	(NA)	(NA)	(NA)
1952*.....	(NA)	(NA)	(NA)	49,271	153,477	38,963	78,348	111,633	392,805	339,101	731,906	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	47,872	147,272	38,762	78,352	106,006	355,602	344,439	700,041	(NA)	(NA)	(NA)
1950*.....	(NA)	(NA)	(NA)	47,257	133,423	38,600	76,097	97,392	325,826	277,843	603,669	(NA)	(NA)	(NA)
1949*.....	(NA)	(NA)	(NA)	46,037	122,381	37,646	75,707	90,138	307,368	258,600	565,968	(NA)	(NA)	(NA)
1947.....	(NA)	326	(NA)	46,058	109,223	37,526	78,197	78,361	264,973	275,249	540,222	(NA)	(NA)	(NA)
1939.....	(NA)	356	(NA)	35,930	42,059	29,173	(NA)	28,550	118,743	82,050	200,793	(NA)	(NA)	(NA)
1937.....	(NA)	319	(NA)	31,877	35,146	28,791	(NA)	28,641	110,543	97,755	208,298	(NA)	(NA)	(NA)
1935.....	(NA)	348	(NA)	32,159	32,060	29,241	(NA)	25,888	93,295	89,313	182,608	(NA)	(NA)	(NA)
1933.....	(NA)	347	(NA)	29,475	26,238	27,153	(NA)	22,250	92,972	56,473	149,445	(NA)	(NA)	(NA)
1931.....	(NA)	354	(NA)	(NA)	(NA)	28,337	(NA)	26,978	141,197	68,946	210,143	(NA)	(NA)	(NA)
1929.....	(NA)	375	(NA)	38,556	44,676	33,871	(NA)	34,208	167,389	107,101	274,490	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2052.—BISCUIT, CRACKERS AND COOKIES—Continued													
1927.....	(NA)	220	(NA)	37,387	43,120	32,982	(NA)	34,029	141,058	107,932	248,990	(NA)	(NA)	(NA)
1925.....	(NA)	194	(NA)	36,918	41,129	32,377	(NA)	31,946	137,259	107,268	244,527	(NA)	(NA)	(NA)
1923.....	(NA)	167	(NA)	33,868	40,500	35,117	(NA)	31,358	122,437	89,351	211,788	(NA)	(NA)	(NA)
1921.....	(NA)	149	(NA)	36,435	38,571	31,474	(NA)	29,110	104,463	83,046	187,509	(NA)	(NA)	(NA)
1919.....	(NA)	176	(NA)	41,230	38,171	34,341	(NA)	26,066	100,837	103,134	204,021	(NA)	(NA)	(NA)
1914.....	(NA)	166	(NA)	30,082	16,953	25,036	(NA)	10,794	45,810	43,674	89,484	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949–1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 except 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 except 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

*These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. Also see footnote 2.

¹For 1953 and earlier years the industry 2051, subindustry "Retail multi-outlet bakeries," included establishments of retail multi-outlets with baking on the premises of each retail outlet. In 1954 and subsequent years such establishments were classified in retail trade. Thus the 1947 figures for "Retail multi-outlet bakeries" are not closely comparable to the 1954, 1953, and 1963 figures.

²The report form for the bakery industry includes a check-box inquiry which is used to identify single-shop retail bakeries. These bakeries are classified as retailers and are included in the census of business. To the extent that the respondents completed this inquiry, all such retailers were excluded from the 1963 Census of Manufactures. However, for 1958 and 1954, there were about 2,000 small establishments reporting on "short forms" that were not subjected to the same kind of analysis as in 1963. For 1958, this group had 18,884 employees and \$119,800 thousand adjusted value added. A review of these 1958 report forms indicates that 846 single-shop bakeries with 2,890 employees were incorrectly included as wholesale bakeries in the 1958 census.

³Figures were obtained from a retabulation of 1939 census reports classified in accordance with present industry definitions and, except for production workers, are comparable with the figures for 1947–1963.

⁴Estimated by applying to retabulated data on number and wages of production workers the following ratios, respectively, computed from published 1939 statistics: (1) Total number of employees to number of production workers in establishments classified as "wholesale" and "wholesale and retail" and (2) wages paid to all employees to wages paid to production workers in the same categories.

⁵Figures are for wage earners, including driver-salesmen, and are not comparable with later years. Analysis of a sample of 1939 returns indicates that somewhat over 40 percent of these wage earners were driver-salesmen.

⁶The data for 1953 (old) and earlier years were based on the old Standard Industrial Classification of industry 2052, which excluded establishments primarily making ice cream cones and cups. These establishments were included in industry 2099, Food Preparations, N.E.C. Under the revised edition of the SIC Manual in use since 1958, industry 2052 includes establishments primarily making ice cream cones and cups.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
INDUSTRY 2051.—BREAD AND RELATED PRODUCTS ²													
Total.....	5,010	1,904	236,984	1,300,329	129,909	267,615	645,680	2,403,782	2,103,082	4,505,995	95,280	257,846	2,118,818
New England.....	460	137	16,899	88,046	9,361	19,481	45,427	163,458	148,093	311,714	7,345	19,377	141,825
Maine.....	45	15	2,003	9,708	1,259	2,573	5,349	23,811	18,205	42,020	482	2,032	16,986
New Hampshire.....	25	5	548	2,960	257	571	1,098	5,215	5,688	10,958	335	647	4,248
Vermont.....	14	5	417	2,045	226	485	934	3,900	3,972	7,875	59	398	3,383
Middle Atlantic.....	1,366	450	58,810	334,756	33,721	69,372	176,480	609,030	535,820	1,144,259	24,359	64,996	527,306
New York.....	627	193	28,354	171,601	15,916	32,248	87,170	303,653	258,771	561,842	9,675	33,156	281,840
New Jersey.....	239	78	8,722	48,738	5,083	10,388	26,842	96,908	84,427	181,337	5,809	8,350	71,531
Pennsylvania.....	500	179	21,734	114,417	12,722	26,736	62,468	208,469	192,622	401,080	8,875	23,490	173,935
East North Central..	980	380	48,747	267,918	27,037	56,044	137,659	477,033	411,713	888,728	16,801	56,872	456,259
Ohio.....	260	109	14,324	78,230	7,633	15,707	38,985	145,673	124,752	270,374	4,706	17,884	142,065
Illinois.....	286	107	13,409	78,826	7,638	16,138	40,974	142,145	116,135	258,320	6,666	15,744	133,303
Michigan.....	208	67	9,467	53,709	5,563	11,463	29,434	86,787	83,089	169,876	2,574	10,877	88,964
West North Central..	415	158	18,943	100,130	10,047	19,930	48,357	178,038	154,244	332,206	5,214	20,879	160,242
Minnesota.....	101	37	3,658	18,568	2,068	4,035	9,749	31,752	28,309	60,056	626	3,862	29,404
Iowa.....	81	23	3,085	15,839	1,595	3,327	7,320	28,533	25,179	53,713	664	3,217	23,768
Missouri.....	100	52	7,248	40,023	3,952	7,403	19,861	72,178	61,837	133,988	2,220	8,144	64,713
North Dakota.....	26	6	567	2,647	290	592	1,148	5,293	5,050	10,329	207	559	4,092
South Atlantic.....	483	255	30,866	148,125	16,899	35,738	70,779	292,793	293,450	586,423	11,728	30,598	243,663
Maryland.....	70	34	4,561	23,181	2,459	5,391	11,418	44,666	42,129	86,801	955	4,337	35,292
District of Columbia.....	19	12	1,752	10,835	971	1,913	5,308	20,557	21,062	41,622	224	1,663	16,932
West Virginia.....	46	26	2,286	11,904	1,177	2,730	5,367	22,866	23,269	46,145	803	2,846	22,231
North Carolina.....	83	51	5,745	24,189	3,182	6,563	11,121	50,340	50,499	100,842	2,632	5,670	41,092
South Carolina.....	23	12	1,789	7,646	897	1,911	3,368	15,378	16,606	32,001	675	1,742	13,271
Georgia.....	57	32	4,597	21,601	2,699	5,657	10,482	45,271	46,626	91,894	2,077	4,707	33,670
East South Central..	193	101	11,920	57,074	6,190	13,185	26,387	112,724	107,703	220,294	4,577	12,432	94,531
Tennessee.....	76	43	5,040	23,455	2,863	6,295	11,517	45,856	43,805	89,543	1,718	4,653	36,585
Alabama.....	53	25	3,171	15,301	1,525	3,199	6,545	29,459	27,620	57,029	1,654	3,380	23,255
West South Central..	370	157	17,807	86,137	9,070	19,603	37,561	166,538	156,365	322,884	9,693	18,581	153,085
Texas.....	193	88	10,611	50,872	5,547	12,129	22,677	98,703	92,078	190,763	4,876	10,573	88,997
West.....	743	266	32,992	218,143	17,584	34,262	103,030	404,168	295,694	699,487	15,563	34,111	341,907
Montana.....	28	11	663	3,315	345	696	1,665	6,636	4,964	11,602	444	701	5,771
Idaho.....	21	6	453	2,146	246	491	1,040	4,216	3,862	8,072	115	530	3,989
Wyoming.....	13	2	175	683	103	208	313	1,289	992	2,281	34	266	1,282
New Mexico.....	28	11	863	3,807	415	894	1,498	7,521	6,962	14,474	279	844	7,289
Arizona.....	41	9	1,220	6,270	595	1,212	2,822	13,820	10,276	24,104	762	1,195	11,441
Washington.....	82	32	3,301	20,499	1,982	3,026	10,221	37,154	27,089	64,231	965	3,395	32,223
California.....	348	129	19,884	145,929	10,316	19,968	66,635	265,949	187,759	453,388	9,568	20,522	218,543
Alaska.....	13	4	215	1,423	154	328	1,007	2,538	1,957	4,487	68	(³)	(³)
Hawaii.....	15	6	587	2,811	337	614	1,304	5,902	4,157	10,044	148	(³)	(³)
Subindustry 2051-12—Bread and Related Products—WHOLESALE BAKERIES ²													
Total.....	4,287	1,546	180,428	1,000,188	96,965	201,297	470,823	1,868,219	1,640,810	3,508,209	81,321	194,410	1,613,287
New England.....	388	104	11,291	59,221	5,856	12,240	27,446	105,661	101,706	207,471	6,090	12,489	92,201
Maine.....	39	11	1,095	5,673	672	1,361	2,654	13,859	10,396	24,260	376	1,034	9,688
Middle Atlantic.....	1,130	352	41,256	234,894	23,880	49,698	122,911	439,600	387,364	826,489	19,648	43,375	352,615
New York.....	556	158	19,173	115,482	10,617	21,552	57,877	206,840	182,616	389,103	6,722	22,018	185,433
New Jersey.....	199	70	7,275	40,772	4,000	8,381	20,855	81,378	68,436	149,770	5,423	6,405	54,530
Pennsylvania.....	375	124	14,808	78,640	9,263	19,765	44,179	151,382	136,312	287,616	7,503	14,942	112,652
East North Central..	827	297	33,512	191,592	18,428	38,642	92,102	352,006	300,539	652,535	14,529	41,497	342,940
Ohio.....	216	83	9,787	55,803	5,430	11,296	27,448	111,247	96,034	207,227	4,353	11,914	100,501
Illinois.....	247	86	10,101	61,723	5,457	11,515	28,671	109,592	86,454	196,106	5,784	13,646	114,805
Michigan.....	179	53	6,065	34,612	3,357	7,080	17,139	57,993	55,442	113,426	2,108	7,244	59,511
West North Central..	351	126	15,435	82,797	7,916	15,727	37,684	149,067	127,170	276,206	4,604	16,666	131,841
Minnesota.....	85	30	3,185	16,361	1,730	3,320	7,966	27,967	24,754	52,715	494	3,329	25,755
Iowa.....	73	22	3,002	15,504	1,530	3,186	7,051	27,925	24,797	52,721	645	3,136	23,550
Missouri.....	84	39	5,179	29,353	2,670	5,068	13,359	54,281	45,135	99,421	1,871	5,540	46,929

See footnotes at end of table.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2051-12.—Bread and Related Products—WHOLESALE BAKERIES—Continued ²													
South Atlantic.....	424	215	26,147	125,651	13,865	29,530	56,188	244,451	243,143	487,777	10,277	26,137	203,832
Maryland.....	53	21	2,769	14,261	1,506	3,419	6,380	25,997	26,259	52,269	715	2,857	21,204
North Carolina.....	76	48	5,374	22,395	2,823	5,871	9,623	46,159	45,164	91,323	2,564	5,306	38,351
East South Central..	181	95	10,957	52,692	5,614	12,049	23,650	105,496	100,250	205,595	4,444	11,365	86,074
West South Central..	331	137	15,710	77,664	7,844	17,031	32,523	151,317	141,960	293,247	8,988	16,292	138,010
Texas.....	176	78	9,285	44,714	4,765	10,487	19,247	88,072	82,428	170,474	4,391	9,109	77,911
Mountain.....	202	59	5,445	27,051	2,828	5,668	12,323	55,398	46,120	101,502	2,714	5,941	50,474
Wyoming.....	13	2	175	683	103	208	313	1,289	992	2,281	34	226	1,282
Pacific.....	453	161	20,675	148,626	10,734	20,712	65,995	265,223	192,558	457,387	10,027	20,648	215,304
Washington.....	72	26	2,700	16,894	1,586	3,100	8,735	30,255	22,243	52,484	724	2,766	26,270
California.....	307	110	15,468	115,874	7,747	14,952	49,750	207,651	149,740	357,037	8,093	16,235	171,597
Alaska.....	13	4	215	1,423	154	328	1,007	2,538	1,957	4,487	68	(³)	(³)
Subindustry 2051-13.—Bread and Related Products—GROCERY CHAIN BAKERIES													
Total.....	153	122	19,074	111,739	16,702	33,071	94,030	225,947	239,619	465,528	6,850	18,869	168,800
New England.....	17	13	2,470	14,428	2,132	4,359	11,813	32,193	28,428	60,639	765	2,397	19,198
Middle Atlantic.....	25	19	4,846	30,854	4,311	8,186	26,037	54,720	59,913	114,613	1,576	5,804	51,451
New York.....	15	10	1,992	12,636	1,788	3,501	10,849	22,661	22,448	44,993	994	2,479	21,537
East North Central..	31	25	4,586	26,808	4,014	8,116	22,687	51,096	57,426	108,492	1,146	4,272	37,055
Ohio.....	7	7	944	5,427	841	1,663	4,661	9,616	11,053	20,647	99	1,048	9,116
Illinois.....	10	7	1,518	9,222	1,331	2,789	7,687	17,389	20,608	37,981	619	1,284	11,577
West North Central..	27	17	1,625	8,632	1,456	2,876	7,513	16,172	18,429	34,569	428	1,520	11,380
Missouri.....	6	6	997	5,303	897	1,611	4,587	9,718	12,468	22,154	213	1,162	8,445
South.....	33	31	3,873	19,925	3,356	6,768	16,704	45,380	52,915	98,319	1,491	3,623	32,417
Maryland.....	4	4	677	4,127	558	1,116	3,260	9,775	10,011	19,784	52	364	3,087
Mountain.....	11	9	625	3,460	537	1,107	2,984	7,806	6,574	14,382	860	381	4,629
Pacific.....	9	8	1,049	7,632	896	1,659	6,292	18,580	15,934	34,514	584	872	12,670
Subindustry 2051-14.—Bread and Related Products—HOME SERVICE BAKERIES													
Total.....	281	97	23,964	127,007	7,754	15,799	39,108	201,492	132,011	333,464	4,314	30,502	244,378
New England.....	38	11	2,731	13,217	1,194	2,475	5,510	23,845	16,733	40,619	420	3,736	26,807
Middle Atlantic.....	142	44	8,560	47,290	2,576	5,413	12,777	78,164	51,057	129,146	1,865	10,422	86,258
New York.....	31	10	4,352	26,406	1,222	2,528	6,619	46,142	22,247	68,287	921	5,379	50,055
New Jersey.....	29	3	177	703	90	189	389	1,206	1,127	2,333	51	306	1,542
Pennsylvania.....	82	31	4,031	20,181	1,264	2,696	5,769	30,816	27,683	58,526	893	4,737	34,661
North Central.....	42	15	6,549	32,928	1,839	3,547	9,262	45,319	30,681	75,998	517	9,064	69,079
Ohio.....	15	7	2,652	13,111	818	1,624	4,020	19,778	12,986	32,782	183	3,609	26,933
South.....	36	14	2,648	12,296	839	1,797	3,960	20,334	14,811	35,143	624	3,112	25,071
Maryland.....	7	5	929	4,226	299	650	1,518	8,072	5,248	13,314	158	827	8,929
Mountain.....	5	3	695	3,214	260	529	1,304	6,863	4,266	11,127	96	595	5,104
Pacific.....	18	10	2,781	18,062	1,046	2,038	6,295	26,967	14,463	41,431	792	3,573	32,059
California.....	10	6	2,386	15,961	909	1,800	5,596	24,585	12,955	37,540	622	3,044	27,943
Subindustry 2051-16.—Bread and Related Products—RETAIL MULTI-OUTLET BAKERIES													
Total.....	289	139	13,518	61,395	8,488	17,448	41,719	108,124	90,642	198,794	2,795	14,065	92,353
New England.....	17	9	407	1,180	179	407	658	1,759	1,226	2,985	70	755	3,619
Middle Atlantic.....	69	35	4,148	21,718	2,954	6,075	14,755	36,546	37,486	74,011	1,270	5,391	36,986
New York.....	25	15	2,837	17,077	2,289	4,667	11,825	28,010	31,460	59,459	1,038	3,276	24,819

See footnotes at end of table.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2051-16.—Bread and Related Products—RETAIL MULTI-OUTLET BAKERIES—Continued													
North Central.....	117	58	5,983	25,291	3,431	7,066	16,767	41,411	31,712	73,134	791	4,732	24,206
Ohio.....	22	12	941	3,889	544	1,124	2,856	5,032	4,679	9,718	71	1,313	5,515
Illinois.....	24	14	1,774	7,812	840	1,814	4,573	15,043	8,957	23,996	258	463	2,983
Michigan.....	21	9	1,480	7,928	1,046	2,079	5,413	11,435	9,740	21,165	226	1,553	10,693
South.....	41	21	1,258	3,108	641	1,351	1,702	5,077	4,439	9,520	174	1,087	5,875
Maryland.....	6	4	186	567	96	206	260	822	611	1,434	30	289	3,072
West.....	45	16	1,722	10,098	1,283	2,549	7,837	23,331	15,779	39,144	490	2,100	21,667
INDUSTRY 2052.—BISCUIT, CRACKERS, AND COOKIES													
Total.....	356	208	43,160	213,021	34,105	67,978	150,941	627,040	523,335	1,150,149	26,429	44,461	523,318
New England.....	12	5	1,111	5,523	895	1,803	3,267	6,665	10,228	16,799	472	13,644	154,343
Middle Atlantic.....	127	53	12,215	62,315	9,835	20,423	46,033	185,191	137,792	323,587	9,477		
New York.....	44	17	2,493	12,539	1,928	3,890	8,113	32,692	26,319	58,956	526	(3)	(3)
New Jersey.....	22	13	4,754	24,719	3,841	8,129	18,473	73,866	56,364	131,008	7,328		
Pennsylvania.....	61	23	4,968	25,057	4,066	8,404	19,447	78,633	55,109	133,623	1,623		
East North Central..	64	45	11,937	60,072	10,142	20,042	46,988	193,508	160,838	353,671	6,704	16,364	206,482
Ohio.....	15	9	2,705	13,989	2,348	4,687	11,387	46,881	40,018	86,961	712		
Illinois.....	21	18	6,213	32,655	5,346	10,729	26,614	120,923	84,675	204,959	5,009		
Michigan.....	16	10	1,550	6,702	1,285	2,437	4,959	13,480	18,126	31,527	242		
West North Central..	28	19	2,859	11,926	2,257	4,085	8,263	32,745	33,564	66,158	1,193	(3)	(3)
Iowa.....	4	4	797	2,619	669	1,042	1,780	5,173	7,917	13,044	117		
Missouri.....	14	9	927	4,176	758	1,472	2,944	14,497	13,673	28,224	466		
South Atlantic.....	31	21	6,194	29,912	4,283	8,588	17,411	84,845	71,714	156,827	2,846	9,547	98,605
Maryland.....	9	5	489	1,961	385	758	1,360	4,152	6,727	10,907	340		
North Carolina.....	6	6	2,350	12,379	1,099	2,265	4,075	25,819	17,847	43,551	1,498		
Georgia.....	8	6	2,529	11,875	2,133	4,155	9,342	46,156	37,173	83,630	381		
East South Central..	21	15	1,536	6,001	1,084	2,073	3,752	11,221	19,695	30,905	662	(3)	(3)
Tennessee.....	11	7	775	2,578	481	860	1,343	4,798	6,895	11,715	436		
Alabama.....	5	4	320	1,157	252	456	771	1,829	3,655	5,475	94		
West South Central..	19	15	2,084	9,462	1,548	3,184	6,136	31,261	25,878	57,345	525	(3)	(3)
Texas.....	10	8	1,349	6,290	1,093	2,270	4,737	23,483	17,398	41,052	431		
West.....	54	35	5,224	27,810	4,061	7,780	19,091	81,604	63,626	144,857	4,550	4,906	63,888
Washington.....	5	3	354	2,037	245	440	1,080	3,023	3,739	6,742	71		
California.....	31	18	2,710	15,031	2,080	3,950	9,629	37,789	32,304	69,819	3,992		
Hawaii.....	6	4	164	746	116	220	412	1,128	1,375	2,502	9		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2051, Bread and Related Products: New England—Massachusetts, 220 (8,651); Rhode Island, 56 (1,000-2,499); Connecticut, 100 (2,500-4,999); East North Central—Indiana, 119 (5,744); Wisconsin, 107 (5,803); West North Central—South Dakota, 21 (515); Nebraska, 29 (1,000-2,499); Kansas, 57 (1,000-2,499); South Atlantic—Delaware, 12 (500-999); Virginia, 62 (2,500-4,999); Florida, 111 (5,466); East South Central—Kentucky, 38 (1,000-2,499); Mississippi, 27 (1,000-2,499); West South Central—Arkansas, 36 (1,000-2,499); Louisiana, 65 (3,576); Oklahoma, 76 (1,000-2,499); Mountain—Colorado, 64 (1,000-2,499); Utah, 27 (1,000-2,499); Nevada, 10 (100-249); Pacific—Oregon, 53 (2,018).

SIC 2051-12, Wholesale bakeries: New England—New Hampshire, 23 (250-499); Vermont, 13 (250-499); Massachusetts, 181 (5,000-9,999); Rhode Island, 47 (1,000-2,499); Connecticut, 85 (1,000-2,499); East North Central—Indiana, 105 (2,500-4,999); Wisconsin, 80 (2,500-4,999); West North Central—Dakota, 23 (500-999); Nebraska, 24 (1,000-2,499); Kansas, 44 (1,000-2,499); South Dakota, 18 (250-499); South Atlantic—Delaware, 8 (250-499); Virginia, 53 (2,500-4,999); District of Columbia, 17 (1,000-2,499); West Virginia, 41 (1,000-2,499); South Carolina, 21 (1,000-2,499); Georgia, 52 (2,500-4,999); Florida, 103 (2,500-4,999); East South Central—Kentucky, 35 (1,000-2,499); Tennessee, 72 (2,500-4,999); Alabama, 49 (2,500-4,999); Mississippi, 25 (1,000-2,499); West South Central—Arkansas, 31 (1,000-2,499); Louisiana, 55 (2,500-4,900); Oklahoma, 69 (1,000-2,499); Mountain—Montana, 27 (500-999); Idaho, 20 (250-499); Colorado, 49 (1,000-2,499); New Mexico, 26 (500-999); Arizona, 35 (500-999); Utah, 24 (500-999); Nevada, 8 (100-249); Pacific—Oregon, 47 (1,000-2,499); Hawaii, 14 (500-999).

SIC 2051-13, Grocery chain bakeries: New England—Maine, 2 (250-499); Massachusetts, 11 (1,000-2,499); Rhode Island, 1 (100-249); Connecticut, 3 (500-999); Middle Atlantic—New Jersey, 2 (1,000-2,499); Pennsylvania, 8 (1,000-2,499); East North Central—Indiana, 3 (500-999); Michigan, 4 (500-999); Wisconsin, 7 (500-999); West North Central—Minnesota, 6 (250-499); Iowa, 2 (20-99); North Dakota, 1 (20-99); Nebraska, 1 (20-99); Kansas, 10 (100-249); South Atlantic—Delaware, 1 (1-19); District of Columbia, 1 (100-249); Virginia, 3 (250-499); North Carolina, 2 (250-499); South Carolina, 1 (20-99); Georgia, 1 (100-249); Florida, 6 (500-999); East South Central—Kentucky, 1 (250-499); Tennessee, 2 (100-249); West South Central—Arkansas, 1 (20-99); Louisiana, 2 (100-249); Oklahoma, 1 (20-99); Texas, 7 (500-900); Mountain—Colorado, 6 (250-499); Arizona, 2 (20-99); Utah, 3 (100-249); Pacific—Washington, 1 (20-99); Oregon, 1 (20-99); California, 7 (500-999).

Footnotes continued on next page.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2A-20E—Continued

SIC 2051-14, Home service bakeries: New England—Maine, 3 (500-999); New Hampshire, 2 (20-99); Vermont, 1 (1-19); Massachusetts, 16 (1,000-2,999); Rhode Island, 6 (20-99); Connecticut, 10 (100-249); East North Central—Indiana, 4 (500-999); Illinois, 5 (1-19); Michigan, 4 (500-999); Wisconsin, 6 (500-999); West North Central—Minnesota, 2 (1-19); Iowa, 2 (1-19); Missouri, 1 (500-999); North Dakota, 1 (1-19); Nebraska, 2 (250-499); South Atlantic—Delaware, 2 (100-249); Virginia, 2 (100-249); West Virginia, 4 (100-249); North Carolina, 3 (1-19); Georgia, 2 (100-249); Florida, 1 (1-19); East South Central—Kentucky, 1 (250-499); Alabama, 1 (1-19); West South Central—Arkansas, 2 (1-19); Louisiana, 5 (20-99); Oklahoma, 1 (1-19); Texas, 5 (500-999); Mountain—Colorado, 2 (250-499); New Mexico, 2 (20-99); Arizona, 1 (250-499); Pacific—Washington, 6 (250-499); Oregon, 2 (100-249).

SIC 2051-16, Retail multi-outlet bakeries: New England—Maine, 1 (1-19); Massachusetts, 12 (250-499); Rhode Island, 2 (20-99); Connecticut, 2 (20-99); Middle Atlantic—New Jersey, 9 (250-499); Pennsylvania, 35 (1,000-2,499); East North Central—Indiana, 7 (20-99); Wisconsin, 14 (500-999); West North Central—Minnesota, 8, (100-249); Iowa, 4 (20-99); Missouri, 9 (250-499); North Dakota, 1 (1-19); South Dakota, 2 (1-19); Nebraska, 2 (20-99); Kansas, 3 (20-99); South Atlantic—Delaware, 1 (20-99); District of Columbia, 1 (20-99); Virginia, 4 (20-99); West Virginia, 1 (1-19); North Carolina, 2 (20-99); South Carolina, 1 (1-19); Georgia, 2 (20-99); Florida, 1 (1-19); East South Central—Kentucky, 1 (20-99); Tennessee, 2 (1-19); Alabama, 2 (20-99); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (20-99); Louisiana, 3 (250-499); Oklahoma, 5 (20-99); Texas, 5 (100-249); Mountain—Montana, 1 (1-19); Idaho, 1 (1-19); Colorado, 7 (100-249); Arizona, 3 (20-99); Nevada, 2 (1-19); Pacific—Washington, 3 (100-249); Oregon, 3 (20-99); California, 24 (1,000-2,499); Hawaii, 1 (20-99).

SIC 2052, Biscuits, Crackers, and Cookies: New England—Massachusetts, 9 (1,064); Rhode Island, 2 (20-99); Connecticut, 1 (1-19); East North Central—Indiana, 7 (449); Wisconsin, 5 (1,020); West North Central—Minnesota, 6 (372); Nebraska, 1 (20-99); Kansas, 3 (500-999); South Atlantic—Delaware, 1 (1-19); Virginia, 3 (500-999); Florida, 4 (219); East South Central—Kentucky, 3 (250-499); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (250-499); Louisiana, 3 (352); Oklahoma, 4 (100-249); Mountain—Colorado, 5 (500-999); Utah, 1 (20-99); Nevada, 1 (20-99); Pacific—Oregon, 5 (1,046).

²The report form for this bakery industry includes a check-box inquiry which is used to identify single-shop retail bakeries. These bakeries are classified as retailers and are included in the census of business. To the extent that the respondents completed this inquiry, all such retailers were excluded from the 1963 Census of Manufacturers. However, for 1958, there were about 2,000 small establishments reporting on "short forms" that were not subjected to the same kind of analysis as in 1963. For 1958, this group had 18,884 employees and \$119,800 thousand adjusted value added. Reviews of these 1958 report forms indicates that 846 single-shop bakeries with 2,890 employees were incorrectly included as wholesale bakeries in the 1958 census.

³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 2B. Delivery Operations, by Subindustry and Geographic Areas: 1963

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery ³ (\$1,000)	Number of delivery routes ⁴			
	Total sub-industry	Reporting panel	Total sub-industry	Reporting panel	Number ¹	Payroll ² (\$1,000)		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
	Subindustry 2051-12.—Wholesale Bakeries										
United States, total.....	4,287	1,539	180,428	156,566	57,010	392,312	11,358	2,722	901	38,059	3,201
New England.....	388	115	11,291	9,107	3,303	24,888	622	226	174	2,003	386
Maine.....	39	11	1,095	941	324	2,183	101	39	12	215	16
Massachusetts.....	181	58	5,152	4,014	1,468	9,490	(⁵)	34	34	914	95
Rhode Island.....	47	10	1,826	1,635	677	3,925	173	56	112	384	12
Connecticut.....	85	29	2,347	1,850	553	7,594	(⁵)	97	3	296	207
Middle Atlantic.....	1,130	366	41,256	33,416	11,132	79,415	4,412	1,085	332	6,918	1,153
New York.....	556	175	19,173	16,024	5,569	41,055	2,050	174	87	3,856	831
New Jersey.....	199	69	7,275	5,887	2,022	14,274	1,110	254	5	1,130	93
Pennsylvania.....	375	122	14,808	11,505	3,541	24,086	1,252	657	240	1,932	229
East North Central.....	827	275	33,512	29,529	10,186	72,649	2,774	459	153	7,131	747
Ohio.....	216	82	9,787	9,377	3,134	21,139	788	125	48	2,115	94
Indiana.....	105	35	4,117	3,436	1,187	8,037	104	22	52	849	66
Illinois.....	247	80	10,101	8,645	3,105	23,474	844	145	2	2,148	379
Michigan.....	179	47	6,065	5,051	1,858	13,630	477	130	46	1,450	149
Wisconsin.....	80	31	3,442	3,020	902	6,319	561	37	5	569	59
West North Central.....	351	128	15,435	14,031	5,161	33,526	280	122	87	3,309	80
Minnesota.....	85	24	3,185	2,672	861	5,495	(⁵)	39	14	514	3
Iowa.....	73	26	3,002	2,733	946	6,069	112	28	1	605	2
Missouri.....	84	43	5,179	4,924	1,833	12,291	(⁵)	8	71	1,240	75
Kansas.....	44	16	1,488	1,351	548	3,503	(⁵)	17	1	362	-
South Atlantic.....	424	191	26,147	23,344	8,561	50,443	2,057	281	28	5,747	286
Maryland.....	53	19	2,769	2,467	914	5,796	217	9	6	599	13
Virginia.....	53	28	3,388	2,897	1,033	5,444	(⁵)	31	-	691	123
North Carolina.....	76	43	5,374	4,948	1,869	9,538	484	37	-	1,241	19
Florida.....	103	34	4,930	4,453	1,655	9,838	342	35	10	1,187	74
East South Central.....	181	89	10,957	10,205	3,991	23,577	397	125	3	2,691	60
West South Central.....	331	131	15,710	14,100	5,437	32,959	233	53	4	3,753	157
Arkansas.....	31	12	1,230	1,118	414	2,548	(⁵)	-	-	287	1
Louisiana.....	55	20	3,077	2,745	1,184	7,169	(⁵)	-	-	761	43
Oklahoma.....	69	23	2,118	1,838	688	4,367	(⁵)	6	1	479	3
Texas.....	176	76	9,285	8,399	3,151	18,875	185	47	3	2,226	110
Mountain.....	202	63	5,445	4,581	1,688	11,025	189	14	1	1,142	142
Colorado.....	49	18	1,382	1,241	474	3,112	(⁵)	-	-	329	5
Pacific.....	453	181	20,675	18,253	7,551	63,830	394	357	119	5,365	190
Washington.....	72	22	2,700	2,107	682	5,571	(⁵)	10	6	489	18
California.....	307	130	15,468	14,075	6,122	51,962	312	295	97	4,328	137
	Subindustry 2051-13 ⁶ .—Grocery Chain Bakeries										
	Subindustry 2051-14.—Home Service Bakeries										
United States, total.....	281	107	23,964	22,810	13,101	73,883	1,105	8,170	777	932	56
New England.....	38	13	2,731	2,628	698	3,815	(⁵)	512	480	65	7
Middle Atlantic.....	142	48	8,560	8,066	5,096	29,756	100	2,900	99	660	33
Pennsylvania.....	82	36	4,031	3,722	2,237	12,301	100	1,283	95	354	32
East and West North Central..	42	16	6,549	6,306	4,212	21,130	837	2,552	15	26	-
Ohio.....	15	8	2,652	2,625	1,923	9,388	425	1,112	14	15	-
South Atlantic.....	21	12	1,670	1,463	847	4,202	(⁵)	450	69	110	4
East and West South Central,	38	18	4,454	4,347	2,248	14,980	(⁵)	1,756	114	71	12
Mountain and Pacific.....	10	7	2,386	2,374	1,259	9,824	(⁵)	1,122	86	45	7

See footnotes at end of table.

TABLE 2B. Delivery Operations, by Subindustry and Geographic Areas: 1963—Continued

Region and State	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery ³ (\$1,000)	Number of delivery routes ⁴			
	Total sub-industry	Reporting panel	Total sub-industry	Reporting panel	Number ¹	Payroll ² (\$1,000)		Retail		Wholesale	
								Own	Operated by others	Own	Operated by others
	Subindustry 2051-16.—Retail Multi-Outlet Bakeries										
United States, total.....	289	146	13,518	11,860	784	4,382	764	178	165	388	68
Northeast.....	86	45	4,555	3,958	183	1,153	593	40	30	101	54
North Central.....	117	64	5,983	5,475	349	2,083	140	120	134	123	14
South and West.....	86	37	2,980	2,427	252	1,146	(⁵)	18	1	164	

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Employees engaged in delivering products from the central bakery to retail and wholesale distributors, to a company's own stores or to household consumers. The figures include route salesmen, highway truck drivers, helpers, sales delivery supervisors, truck maintenance employees, and others directly concerned with delivery of the plant's products.

²Includes wages, salaries, bonuses, commissions and other remuneration to delivery personnel before deductions.

³Total payments to outside or affiliated companies for truck rentals, including wages to drivers furnished, and any other contract cost related to delivery of products of the plant.

⁴All routes operated from the plant, whether serviced by driver salesmen of the plant or by independent vendors, subdealers or peddlers. Wholesale routes are those chiefly servicing retail stores (grocery, bakery products, dairy products, etc.) including those operated by the company; hotel and restaurants; institutions such as hospitals, schools, etc. Retail routes are those chiefly servicing households.

⁵Less than \$100 thousand.

⁶Comparable information not available.

TABLE 3. Detailed Statistics: 1963

Item	Bread and related products (SIC 2051)					Biscuit, crackers, and cookies (SIC 2052)
	Total	Wholesale bakeries (SIC 2051-12)	Grocery chain bakeries (SIC 2051-13)	Home service bakeries (SIC 2051-14)	Retail multi-outlet bakeries (SIC 2051-16)	
Primary product specialization ratio ¹.....	.98	(NA)	(NA)	(NA)	(NA)	.97
Coverage ratio ².....	.99	(NA)	(NA)	(NA)	(NA)	.95
Establishments, total.....number..	5,010	4,287	153	281	289	356
With 1 to 19 employees.....do....	3,106	2,741	31	184	150	148
With 20 to 99 employees.....do....	1,212	990	54	49	119	124
With 100 employees or more.....do....	692	556	68	48	20	84
Proprietors and working partners.....do....	3,583	(NA)	(NA)	(NA)	(NA)	131
All employees (average for the year).....do....	236,984	180,428	19,074	23,964	13,518	43,160
Payroll (all employees), total for year.....\$1,000..	1,300,329	1,000,188	111,739	127,007	61,395	213,021
Production workers:						
Average for the year.....number..	129,909	96,965	16,702	7,754	8,488	34,105
March.....do....	127,635	94,969	16,529	7,722	8,415	34,578
May.....do....	125,628	96,265	17,130	7,730	8,503	33,553
August.....do....	130,698	97,726	16,746	7,878	8,348	34,291
November.....do....	131,673	98,901	16,403	7,684	8,685	33,998
Man-hours.....1,000..	267,615	201,297	33,071	15,799	17,448	67,978
January-March.....do....	65,240	48,730	8,266	3,934	4,310	17,043
April-June.....do....	66,970	50,306	8,339	3,981	4,344	16,844
July-September.....do....	67,526	50,926	8,359	3,966	4,275	17,264
October-December.....do....	67,879	51,335	8,107	3,918	4,519	16,827
Wages.....\$1,000..	645,680	470,823	94,030	39,108	41,719	150,941
Cost of materials, etc., total.....do....	2,103,082	1,640,810	239,619	132,011	90,642	523,335
Materials, parts, containers, and supplies consumed.....do....	1,672,986	1,275,597	216,064	103,690	77,635	475,264
Cost of resales.....do....	384,790	329,804	18,903	25,598	10,485	35,702
Fuels consumed.....do....	25,656	20,193	2,568	1,552	1,343	4,819
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	1,115	820	145	72	79	288
Cost.....\$1,000..	18,222	13,934	2,084	1,127	1,077	3,619
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-	(D)	(D)
Contract work.....\$1,000..	1,428	1,282	-	44	102	3,931
Value of shipments (including resales), total.....do....	4,505,995	3,508,209	465,528	333,464	198,794	1,150,149
Value of resales.....do....	524,757	442,710	24,067	43,501	14,479	43,375
Value added by manufacture, adjusted.....do....	2,403,782	1,868,219	225,947	201,492	108,124	627,040
Manufacturers' inventories:						
Beginning of year, total.....do....	125,502	95,265	15,688	8,847	5,702	59,373
Finished products.....do....	6,657	4,331	1,201	272	853	23,456
Work-in-process.....do....	2,310	2,045	127	66	72	1,674
Materials, supplies, fuel, etc.....do....	116,535	88,839	14,360	8,509	4,777	34,243
End of year, total.....do....	130,111	97,762	16,850	9,361	6,142	61,574
Finished products.....do....	7,486	5,036	1,256	366	828	23,835
Work-in-process.....do....	2,350	2,160	110	11	69	1,521
Materials, supplies, fuel, etc.....do....	120,275	90,566	15,484	8,984	5,245	36,218
Expenditures for plant and equipment, total.....do....	98,633	84,293	6,980	4,482	2,878	29,765
New, total.....do....	95,280	81,321	6,850	4,314	2,795	26,429
New structures and additions to plant.....do....	15,673	14,112	522	626	413	7,763
New machinery and equipment.....do....	79,607	67,209	6,328	3,688	2,382	18,666
Used plant and equipment.....do....	3,353	2,972	130	168	83	3,336
Selected operating ratios:						
Payroll/Total employment.....	5,464	5,543	5,858	5,300	4,542	4,936
Production workers/Total employment.....	.55	.54	.87	.32	.63	.79
Man-hours/Production workers.....	2,052	2,076	1,980	2,038	2,056	1,993
Production worker wages/Man-hours.....	2.41	2.34	2.84	2.48	2.39	2.22
Cost of materials and payrolls/Total value of shipments....	.76	.75	.75	.78	.70	.64
Cost of materials/Total value of shipments.....	.47	.47	.51	.40	.39	.46
Adjusted value added/Total employment.....	9,976	10,354	11,846	8,408	7,999	14,528
Salaries and wages/Adjusted value added.....	.55	.54	.49	.63	.57	.34

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2051.—BREAD AND RELATED PRODUCTS											
Establishments.....number..	5,010	1,579	797	730	764	448	496	151	38	6	1
All employees:											
Total.....do....	236,984	3,156	5,348	10,086	23,951	32,116	77,409	50,236	25,423	<u>9,259</u>	(D)
Payroll.....\$1,000..	1,300,329	10,156	18,384	38,308	100,897	166,149	450,206	302,953	158,008	<u>55,268</u>	(D)
Value added, adjusted.....do....	2,403,782	21,913	31,959	65,719	170,398	318,095	864,389	575,766	266,334	<u>89,209</u>	(D)
Value of shipments.....do....	4,505,995	45,544	65,634	125,457	330,286	595,055	1,642,786	1,065,591	476,617	<u>159,025</u>	(D)
Capital expenditures, new...do....	95,280	15,035	1,702	2,561	6,114	15,201	33,003	19,777	8,060	<u>3,827</u>	(D)
Subindustry 2051-12.—Bread and Related Products—WHOLESALE BAKERIES											
Establishments.....number..	4,287	1,417	702	622	624	366	413	121	20	2	-
All employees:											
Total.....do....	180,428	2,844	4,694	8,613	19,664	26,330	64,376	39,597	<u>14,312</u>	(D)	-
Payroll.....\$1,000..	1,000,188	8,856	16,176	33,310	84,674	139,591	381,112	242,280	<u>94,189</u>	(D)	-
Value added, adjusted.....do....	1,868,219	19,646	28,578	57,919	144,015	266,924	727,965	460,862	<u>162,310</u>	(D)	-
Value of shipments.....do....	3,508,209	41,001	58,194	110,087	281,699	496,170	1,380,724	846,743	<u>293,591</u>	(D)	-
Capital expenditures, new...do....	81,321	14,965	1,567	2,351	5,328	12,826	29,791	17,264	<u>7,229</u>	(D)	-
Subindustry 2051-13.—Bread and Related Products—GROCERY CHAIN BAKERIES											
Establishments.....number..	153	7	12	12	25	29	49	14	5	-	-
All employees:											
Total.....do....	19,074	12	88	159	755	2,079	7,744	<u>8,237</u>	(D)	-	-
Payroll.....\$1,000..	111,739	54	407	845	3,877	11,628	43,565	<u>51,363</u>	(D)	-	-
Value added, adjusted.....do....	225,947	85	805	1,454	7,397	27,097	89,029	<u>100,080</u>	(D)	-	-
Value of shipments.....do....	465,528	160	1,685	2,618	14,832	54,498	181,657	<u>210,078</u>	(D)	-	-
Capital expenditures, new...do....	6,850	-	17	22	231	1,467	2,320	<u>2,793</u>	(D)	-	-
Subindustry 2051-14.—Bread and Related Products—HOME SERVICE BAKERIES											
Establishments.....number..	281	110	45	29	29	20	23	11	10	3	1
All employees:											
Total.....do....	23,964	213	296	370	863	1,504	3,504	3,931	<u>13,283</u>	(D)	(D)
Payroll.....\$1,000..	127,007	617	919	1,143	3,503	6,682	18,291	18,992	<u>76,860</u>	(D)	(D)
Value added, adjusted.....do....	201,492	1,201	1,483	1,696	5,313	9,619	31,874	34,107	<u>116,199</u>	(D)	(D)
Value of shipments.....do....	333,464	2,441	3,263	3,867	10,040	18,520	53,721	58,129	<u>183,483</u>	(D)	(D)
Capital expenditures, new...do....	4,314	45	70	62	182	429	672	459	<u>2,395</u>	(D)	(D)
Subindustry 2051-16.—Bread and Related Products—RETAIL MULTI-OUTLET BAKERIES											
Establishments.....number..	289	45	38	67	86	33	11	5	3	1	-
All employees:											
Total.....do....	13,518	87	270	944	2,669	2,203	1,785	<u>5,560</u>	(D)	(D)	-
Payroll.....\$1,000..	61,395	629	882	3,010	8,843	8,248	7,238	<u>32,545</u>	(D)	(D)	-
Value added, adjusted.....do....	108,124	981	1,093	4,650	13,673	14,455	15,521	<u>57,751</u>	(D)	(D)	-
Value of shipments.....do....	198,794	1,942	2,492	8,885	23,715	25,867	26,684	<u>109,209</u>	(D)	(D)	-
Capital expenditures, new...do....	2,795	25	48	132	367	479	220	<u>1,524</u>	(D)	(D)	-
INDUSTRY 2052.—BISCUITS, CRACKERS, AND COOKIES											
Establishments.....number..	356	68	36	44	83	41	41	14	23	5	1
All employees:											
Total.....do....	43,160	135	254	586	2,686	2,846	6,275	4,610	15,242	<u>10,526</u>	(D)
Payroll.....\$1,000..	213,021	693	1,045	2,220	11,810	13,090	27,577	20,614	77,408	<u>58,564</u>	(D)
Value added, adjusted.....do....	627,040	1,629	2,020	4,304	25,715	28,658	65,749	43,547	247,487	<u>207,931</u>	(D)
Value of shipments.....do....	1,150,149	3,859	4,834	8,075	52,632	64,139	141,454	91,938	450,957	<u>332,261</u>	(D)
Capital expenditures, new...do....	26,429	<u>27,673</u>	(D)	(D)	(D)	1,514	3,912	2,103	5,907	<u>5,320</u>	(D)

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes \$2-\$5 million for plants under construction but not in operation.²Includes \$5-\$10 million for plants under construction but not in operation.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2051	Bread and related products.....1963..	4,505,995	3,799,045	92,462	614,488	98	3,829,836	3,799,045	30,791	99
	1958..	4,098,612	3,561,477	68,069	469,066	98	3,555,920	3,538,429	17,491	100
2052	Biscuit, crackers, and cookies...1963..	1,150,149	1,075,455	29,553	45,141	97	1,137,568	1,075,455	62,113	95
	1958..	982,545	913,476	30,919	38,150	97	982,043	928,759	53,284	95

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Bread and related products (SIC 2051)					Biscuit and crackers (SIC 2052)	Other industries
			Total	Wholesale bakeries (2051-12)	Grocery chain bakeries (2051-13)	Home service bakeries (2051-14)	Retail multi-outlet bakeries (2051-16)		
	BREAD AND RELATED PRODUCTS INDUSTRY								
	Value of shipments.....	(X)	4,505,995	3,508,209	465,528	333,464	198,794	1,150,149	(X)
	Bakery products, total.....	4,967,404	3,845,737	2,967,520	424,670	284,041	169,506	1,085,078	36,589
	Products primary to 2051, bread and related products, total.....	3,829,836	3,799,045	2,951,482	406,897	276,384	164,282	9,623	21,168
20511	Bread and bread-type rolls.....	2,496,642	2,479,709	2,026,058	248,668	160,010	44,973	4,903	¹ 12,030
20512	Sweet yeast goods.....	330,463	328,137	200,967	46,051	41,013	40,106	(under 2)	(under 2)
20513	Soft cakes.....	437,980	432,958	298,488	58,906	37,002	38,562	1,237	3,785
20514	Pies.....	205,865	204,019	149,453	28,236	10,859	15,471	(under 2)	(under 2)
20515	Pastries and cookies.....	51,191	47,462	33,370	2,152	5,028	6,912	(2-5)	(under 2)
20517	Doughnuts (cake-type).....	141,410	140,758	95,586	19,546	18,073	7,553	(under 2)	(under 2)
20510	Bread and related products, n.s.k.	166,285	166,002	147,560	3,338	4,399	10,705	(under 2)	(under 2)
	Products primary to 2052, biscuit, crackers, and cookies, total.....	1,137,568	46,692	16,038	17,773	7,657	5,224	1,075,455	15,421
20521	Biscuit, crackers, and pretzels,..	450,179	(D)	(D)	1,333	741	69	443,293	(D)
20522	Other "dry" bakery products (including ice cream cones).....	679,810	42,583	14,072	16,440	6,916	5,155	624,645	² 12,582
20520	Biscuit, crackers, and pretzels, n.s.k.....	7,579	(D)	(D)	(X)	(X)	(X)	7,517	(D)
	Secondary products (not primary to industry group 205).....	(X)	45,770	17,387	15,377	215	12,791	19,930	(X)
20373	Frozen prepared foods and soups (other than seafood).....	(X)	17,991	12,279	4,525	(D)	(D)	(D)	(X)
	Other secondary products.....	(X)	27,779	5,108	³ 10,852	(D)	² (D)	⁵ (D)	(X)
	Miscellaneous receipts.....	(X)	614,488	523,302	25,481	49,208	16,497	45,141	(X)
99989	Resales.....	(X)	524,757	442,710	24,067	43,501	14,479	43,375	(X)
93000	Commission receipts.....	(X)	1,630	1,168	(D)	2	(D)	(D)	(X)
99980	Other miscellaneous receipts.....	(X)	88,101	79,424	(D)	5,707	(D)	(D)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2026, Fluid Milk; 2043, Cereal Preparations.

²The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2071, Confectionery Products; 2043, Cereal Preparations; 2099, Food Preparations, N.E.C.

³Includes the following product class which totaled \$2 million or more but was withheld to avoid disclosing individual company figures - 20992, Chips, (potato, corn, etc.)

⁴Includes the following product class which totaled \$2 million or more but was withheld to avoid disclosing individual company figures - 20999, Other food preparations, n.e.c.

⁵Includes the following product classes which totaled \$2 million or more but were withheld to avoid disclosing individual company figures - 20713, Packaged goods (except solid chocolate); 20716, Salted nuts and other confectionery type products (cough drops, glacés, etc.)

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 lbs. baked weight)	Value (\$1,000)	Quantity (1,000 lbs. baked weight)	Value (\$1,000)
	ALL MANUFACTURERS (EXCEPT RETAIL BAKERIES)				
2051- --	BREAD AND OTHER BAKERY PRODUCTS, TOTAL.....	(X)	3,829,836	(X)	3,555,920
20511 --	Bread and other bread-type rolls.....	13,733,393	2,496,642	(X)	2,220,959
20511 11	White, pan.....	9,002,232	1,468,302	8,289,688	1,323,085
20511 13	White, hearth, including French, Italian, etc.....	435,688	89,974	237,897	44,235
20511 15	Whole wheat, cracked wheat, and other dark wheat breads.....	648,634	130,007	688,648	124,685
20511 17	Rye, including pumpernickle.....	511,771	105,927	494,250	90,937
	Specialty breads:				
20511 21	Raisin.....	118,412	27,487	156,834	32,689
20511 29	Other specialty breads (potato, salt-rising, salt-free, etc.).....	299,148	66,963	473,478	92,688
	Rolls, bread-type, including brown and serve rolls:				
20511 33	Hamburger and weiner rolls.....	1,469,184	327,408	1,450,007	1,335,356
20511 35	Brown and serve rolls.....	253,982	69,788		
20511 39	Other bread-type rolls (kaiser, parkerhouse, English muffins, etc.).....	355,320	94,006		
20511 00	Bread and bread-type rolls, n.s.k.....	2,639,022	116,780	(X)	125,118
20512 --	Sweet yeast goods, all types.....	863,445	330,463	(X)	295,457
20512 13	Yeast-raised doughnuts.....	178,744	73,670	3,251,242	3,91,242
20512 98	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	625,042	234,555	3,469,205	3,179,952
20512 00	Sweet yeast goods, n.s.k.....	259,659	22,238	(X)	24,263
20513 11	Soft cakes, all types, including pound, layer, fruit, etc.....	1,138,237	437,980	1,076,300	413,325
20514 11	Pies.....	714,446	205,865	691,210	201,472
20515 11	Pastries, all types of baking powder, leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastries, etc.....	(X)	51,191	(X)	439,912
20517 11	Doughnuts, cake-type (baking powder leavened).....	369,234	141,410	5,355,168	125,151
20510 00	Bread and other bakery products, n.s.k.....	(X)	166,285	(X)	259,644
	WHOLESALE BAKERIES ⁶				
2051- --	Bread and other bakery products, total.....	(X)	2,982,273	(X)	2,719,718
20511 --	Bread and bread-type rolls.....	11,373,390	2,042,991	(X)	1,762,171
20511 11	White, Pan.....	7,434,233	1,196,615	6,536,376	1,045,509
20511 13	White, hearth, including French, Italian, etc.....	376,170	77,294	202,693	37,330
20511 15	Whole wheat, cracked wheat, and other dark wheat breads.....	502,107	100,029	513,765	93,036
20511 17	Rye, including pumpernickle.....	405,524	84,489	372,920	69,380
	Specialty breads:				
20511 21	Raisin.....	73,779	17,003	102,214	20,437
20511 29	Other specialty breads (potato, salt-rising, salt-free, etc.).....	202,516	45,337	364,048	70,536
	Rolls, bread-type:				
20511 33	Hamburger and weiner rolls.....	1,299,463	286,002	1,243,506	1,285,868
20511 35	Brown and serve rolls.....	211,948	57,842		
20511 39	Other bread-type rolls (kaiser, parkerhouse, English muffins, etc.).....	281,509	73,109		
20511 00	Bread and bread-type rolls, n.s.k.....	2,586,141	105,271	(X)	99,020
20512 --	Sweet yeast goods.....	579,671	203,293	(X)	174,616
20512 13	Yeast-raised doughnuts.....	121,926	49,095	3,161,489	3,54,796
20512 98	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	409,541	137,293	3,285,709	3,99,912
20512 00	Sweet yeast goods, n.s.k.....	248,204	16,905	(X)	19,908
20513 11	Soft cakes, all types, including pound, layer, fruit, etc.....	814,216	303,510	753,328	276,745
20514 11	Pies (fruit and custard), except frozen.....	547,882	151,299	529,659	148,776
20515 11	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	(X)	37,099	(X)	431,266
20517 11	Doughnuts, cake-type (baking powder leavened).....	252,836	96,238	5,238,271	87,245
20510 00	Bread and other bakery products, n.s.k.....	(X)	147,843	(X)	238,899

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 lbs. baked weight)	Value (\$1,000)	Quantity (1,000 lbs. baked weight)	Value (\$1,000)
	GROCERY CHAIN BAKERIES				
2051- --	Bread and other bakery products, total.....	(X)	406,897	(X)	348,273
20511 --	Bread and bread-type rolls.....	1,434,164	248,668	(X)	212,018
20511 11	White, pan.....	925,184	140,258	924,719	123,401
20511 13	White, hearth.....	33,094	6,241	15,621	2,461
20511 15	Whole wheat, cracked wheat, and other dark wheat breads.....	92,171	16,587	89,167	13,250
20511 17	Rye, including pumpernickle.....	65,404	11,766	66,392	10,454
	Specialty breads:				
20511 21	Raisin.....	34,290	7,675	35,262	7,059
20511 29	Other specialty breads (potato, salt-rising, salt-free, etc.).....	72,431	14,647	52,937	10,107
	Rolls, bread-type, including brown and serve rolls:				
20511 33	Hamburger and weiner rolls.....	129,879	30,820	} 114,111	} 134,238
20511 35	Brown and serve rolls.....	36,465	10,232		
20511 39	Other bread-type rolls (kaiser, parkerhouse, English muffins, etc.).....	37,397	9,081		
20511 00	Bread and bread-type rolls, n.s.k.....	27,849	1,361	(X)	7,547
20512 --	Sweet yeast goods, all types.....	113,263	46,051	(X)	38,191
20512 13	Yeast-raised doughnuts.....	25,214	9,484	334,544	310,303
20512 98	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	86,487	35,932	369,219	326,984
20512 00	Sweet yeast goods, n.s.k.....	21,562	635	(X)	904
20513 11	Soft cakes, all types, including pound, layer, fruit, etc.....	159,578	58,906	162,931	53,822
20514 11	Pies.....	106,570	28,236	90,921	24,183
20515 11	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	(X)	2,152	(X)	41,103
20517 11	Doughnuts, cake-type (baking powder leavened).....	52,471	19,546	571,733	15,996
20510 00	Bread and other bakery products, n.s.k.....	(X)	3,338	(X)	2,960
	HOME SERVICE BAKERIES				
2051- --	Bread and other bakery products, total.....	(X)	276,384	(X)	350,098
20511 --	Bread and bread-type rolls.....	746,325	160,010	(X)	213,021
20511 11	White, pan.....	562,520	114,457	765,900	142,344
20511 13	White, hearth, including French, Italian, etc.....	17,268	4,181	14,220	3,272
20511 15	Whole wheat, cracked wheat, and other dark wheat breads.....	39,356	9,476	27,537	15,309
20511 17	Rye, including pumpernickle.....	24,562	5,407	40,616	8,033
	Specialty breads:				
20511 21	Raisin.....	7,537	1,939	15,349	4,170
20511 29	Other specialty breads (potato, salt-rising, salt-free, etc.).....	15,768	4,447	47,060	9,927
	Rolls, bread-type:				
20511 33	Hamburger and weiner rolls.....	29,061	7,329	} 145,334	} 112,070
20511 35	Brown and serve rolls.....	4,160	1,274		
20511 39	Other bread-type rolls (kaiser, parkerhouse, English muffins, etc.).....	14,722	4,774		
20511 00	Bread and bread-type rolls, n.s.k.....	231,371	6,726	(X)	14,351
20512 --	Sweet yeast goods, all types.....	85,463	41,013	(X)	52,454
20512 13	Yeast-raised doughnuts.....	17,132	8,006	339,292	318,581
20512 98	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	64,422	31,131	368,483	331,776
20512 00	Sweet yeast goods, n.s.k.....	23,909	1,876	(X)	2,097
20513 11	Soft cakes, all types, including pound, layer, fruit, etc.....	86,176	37,002	100,487	49,746
20514 11	Pies.....	24,973	10,859	33,399	13,122
20515 11	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	(X)	5,028	(X)	43,579
20517 11	Doughnuts, cake-type (baking powder leavened).....	45,880	18,073	529,230	13,718
20510 00	Bread and other bakery products, n.s.k.....	(X)	4,399	(X)	4,458

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 lbs. baked weight)	Value (\$1,000)	Quantity (1,000 lbs. baked weight)	Value (\$1,000)
RETAIL MULTI-OUTLET BAKERIES					
2051- --	Bread and other bakery products, total.....	(X)	164,282	(X)	137,831
20511 --	Bread and bread-type rolls.....	179,508	44,973	(X)	33,749
20511 11	White, pan.....	80,289	16,972	32,693	11,831
20511 13	White, hearth, including French, Italian, etc.....	9,156	2,258	5,363	1,172
20511 15	Whole wheat, cracked wheat, and other dark wheat breads.....	15,000	3,915	13,179	3,090
20511 17	Rye, including pumpernickle.....	16,281	4,265	14,322	3,070
Specialty breads:					
20511 21	Raisin.....	2,806	870	4,009	1,023
20511 29	Other specialty breads (potato, salt-rising, salt-free, etc.).....	8,433	2,532	9,433	2,091
Rolls, bread-type including brown and serve rolls:					
20511 33	Hamburger and weiner rolls.....	10,781	3,257	12,056	15,180
20511 35	Brown and serve rolls.....	1,409	440		
20511 39	Other bread-type rolls (kaiser, parkerhouse, English muffins, etc.).....	21,692	7,042	14,004	14,065
20511 00	Bread and bread-type rolls, n.s.k.....	213,661	3,422	(X)	4,227
20512 --	Sweet yeast goods, all types.....	85,048	40,106	(X)	30,196
20512 13	Yeast-raised doughnuts.....	14,472	7,085	15,917	37,562
20512 98	All other types of sweet yeast goods, including sweet rolls and coffee cake.....	64,592	30,199	345,794	321,280
20512 00	Sweet yeast goods, n.s.k.....	25,984	2,822	(X)	1,354
20513 11	Soft cakes, all types including pound, layer, fruit, etc.....	78,267	38,562	59,554	33,012
30514 11	Pies.....	35,021	15,471	37,231	15,391
20515 11	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.....	(X)	6,912	(X)	43,964
20517 11	Doughnuts, cake-type (baking powder leavened).....	18,047	7,553	15,934	8,192
20510 00	Bread and other bakery products, n.s.k.....	(X)	10,705	(X)	13,327
ALL MANUFACTURERS (EXCEPT RETAIL BAKERIES)					
2052- --	Biscuit, crackers, and pretzels, total.....	(X)	1,137,568	(X)	982,043
20521 --	Biscuits, crackers, and pretzels.....	1,514,195	450,179	1,172,829	349,786
20521 31	Crackers, sponge, grahams, sprayed varieties, and low sugar content biscuit.....	1,243,944	358,630	71,053,109	7313,131
20521 35	Cracker sandwiches, made from crackers produced in the reporting establishment ⁸	125,250	46,331		
20521 51	Pretzels.....	139,380	43,547	119,720	36,655
20521 00	Biscuit, crackers, and pretzels, n.s.k.....	25,621	1,671	(X)	(NA)
20522 --	Other "dry" bakery products (including ice cream cones).....	(X)	679,810	(X)	618,841
20522 11	Cookies, all types of hard and soft sweetened cookies and wafers.....	1,924,692	648,476	91,782,203	9597,173
20522 31	Ice cream cones and cups.....	102,605,449	22,310	102,460,928	21,660
20522 00	Other dry bakery products, n.s.k.....	(X)	79,024	(X)	(NA)
20520 00	Biscuit, crackers, and pretzels, n.s.k.....	(X)	7,579	(X)	13,416

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹A review of the 1958 reporting indicates that a significant amount of brown and serve rolls and other bread-type rolls was reported on the line for hamburger and weiner rolls.

²Quantity estimated based on quantity-value relationship reported for other products of the product class.

³A review of the 1958 reporting indicates that a significant amount of all other types of sweet goods was reported on the line for yeast-raised doughnuts.

⁴Excludes handmade cookies and wafers. This product is now classified in industry 2052, Biscuit, Crackers, and Cookies, and data for this product will be found in the release for that industry.

⁵Quantity collected in thousand dozens.

⁶Includes establishments classified in industries other than 2051 for which product detail could not be shown separately without disclosing figures for individual companies. Total value of bakery products shipped by such establishments was \$30,791 thousand in 1963 and \$17,491 thousand in 1958.

⁷In both 1958 and 1963, products such as melba toast were not prelisted on the census report form. However, if the respondent reported and described this product separately, the data were included in the combined total of product codes 2052131 and 2052135 in 1958 and in product code 2052200 for 1963.

⁸Information for crackers sandwiches, made from purchased crackers, is included in the report for industry 2099, Food Preparation, N.E.C.

⁹Includes handmade cookies amounting to 62,668 thousand pounds baked weight with a value of \$23,048 thousand which was tabulated as part of industry 2051, Bread and Related Products, in 1958.

¹⁰Quantity collected in thousands of cones.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
205--	Bakery products.....1963..	117	110
	1958..	110	108
2051-	Bread and other bakery products excluding biscuit, crackers, and pretzels ¹.....1963..	114	112
	1958..	109	109
20511	Bread and bread-type rolls.....1963..	109	113
	1958..	101	109
20512	Sweet yeast goods.....1963..	140	100
	1958..	124	102
20513	Soft cakes, all types, including pound, layer, fruit, etc.....1963..	106	111
	1958..	102	109
20514	Pies (fruit and custard), except frozen.....1963..	96	113
	1958..	95	114
2052-	Biscuit, crackers, and cookies.....1963..	132	105
	1958..	114	105
20521	Biscuit, crackers, and pretzels.....1963..	125	112
	1958..	97	113
20522	Other "dry" bakery products (including ice cream cones).....1963..	136	100
	1958..	124	101

¹Adjusted to include product class 20515 (pastries, all types of baking powder leavened only), product class 20517 (doughnuts, cake type), and a relatively minor amount (less than 5 percent) of bread and other bakery products, n.s.k.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2051-	Bread and related products.....\$1,000..	3,829,836	3,836,448	3,804,109	3,790,924	3,712,248	3,555,920	2,987,890	2,334,967
20511	Bread and bread-type rolls:								
	Quantity.....1,000 lbs. baked weight..	13,733,393	14,093,996	13,986,705	13,793,005	13,401,193	12,718,959	(NA)	(NA)
	Value.....\$1,000..	2,496,642	2,456,252	2,457,464	2,409,638	2,325,107	2,220,959	2,009,216	1,349,499
20512	Sweet yeast goods.....do....	330,463	355,347	346,080	345,924	326,913	295,457	233,923	182,169
20513	Soft cakes.....do....	437,980	416,714	410,810	422,943	430,453	413,325	372,385	390,663
20514	Pies.....do....	205,865	218,801	207,801	218,904	213,781	201,472	185,906	146,750
20515	Pastries and cookies ².....do....	51,191	(22,435)	(25,434)	(37,345)	26,327	39,912	30,029	20,792
20517	Doughnuts (cake-type).....do....	141,410	(140,066)	(132,247)	(134,338)	127,953	125,151	113,269	80,203
20510	Bread and related products, n.s.k.....do....	166,285	226,833	224,273	221,832	261,714	259,644	43,162	164,891
2052-	Biscuit, crackers, and pretzels.....\$1,000..	1,137,568	1,119,334	1,059,882	1,045,979	999,704	982,043	824,034	(NA)
20521	Biscuit, crackers, and pretzels:								
	Quantity.....1,000 lbs. baked weight..	1,514,195	1,391,905	1,368,485	1,326,247	1,281,192	1,172,829	1,210,445	1,057,958
	Value.....\$1,000..	450,179	414,803	409,177	396,548	381,795	349,786	320,139	230,703
20522	Other "dry" bakery products, including ice cream cones ³.....\$1,000..	679,810	683,0945	629,290	622,341	597,075	618,841	507,426	⁴ 352,217
20520	Biscuit, crackers, and cookies, n.s.k.....\$1,000..	7,579	21,347	21,415	27,090	20,834	13,416	1,469	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Excludes handmade cookies for all years.

³Includes handmade cookies for all years.

⁴Excludes ice cream cones and cups.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
BREAD AND BREAD-TYPE ROLLS (20511)			SWEET YEAST GOODS (20512)			SOFT CAKES (20513)—Continued		
United States, total....	2,496,642	2,220,959	United States, total....	330,463	295,457	East South Central.....	79,462	84,433
New England.....	161,061	143,279	New England.....	18,342	15,002	Ohio.....	25,992	27,004
Maine.....	23,762	18,237	Maine.....	1,837	(2)	Indiana.....	2,568	3,457
New Hampshire.....	8,064	6,081	Massachusetts.....	9,564	7,296	Illinois.....	29,023	31,290
Vermont.....	4,943	4,450	Rhode Island.....	1,322	2,143	Michigan.....	16,507	16,984
Massachusetts.....	71,457	71,455	Connecticut.....	4,907	2,727	Wisconsin.....	5,372	5,698
Rhode Island.....	19,778	16,119	Middle Atlantic.....	73,509	69,465	West North Central.....	25,906	23,815
Connecticut.....	33,057	26,937	New York.....	38,848	39,545	Minnesota.....	3,629	4,009
Middle Atlantic.....	530,299	483,373	New Jersey.....	8,391	7,645	Iowa.....	492	768
New York.....	256,066	251,135	Pennsylvania.....	26,270	22,275	Missouri.....	18,054	16,245
New Jersey.....	93,398	66,337	East North Central.....	89,170	89,979	Nebraska.....	1,602	1,275
Pennsylvania.....	180,535	165,901	Ohio.....	28,804	26,583	Kansas.....	1,756	1,005
East North Central.....	493,346	463,097	Indiana.....	7,693	7,489	South Atlantic.....	61,398	55,461
Ohio.....	152,369	136,945	Illinois.....	27,999	29,610	Maryland.....	7,867	7,347
Indiana.....	66,437	61,522	Michigan.....	14,586	17,145	Virginia.....	9,233	6,359
Illinois.....	132,079	123,938	Wisconsin.....	10,088	9,152	West Virginia.....	4,356	3,525
Michigan.....	93,139	95,092	West North Central.....	26,674	24,869	North Carolina.....	10,460	11,487
Wisconsin.....	49,322	45,600	Minnesota.....	4,389	5,069	South Carolina.....	3,926	(2)
West North Central.....	194,771	180,078	Iowa.....	4,789	2,956	Georgia.....	17,509	12,513
Minnesota.....	33,255	30,181	Missouri.....	10,143	8,511	Florida.....	6,499	5,844
Iowa.....	34,841	32,530	Nebraska.....	3,872	3,928	East South Central.....	16,676	18,542
Missouri.....	72,745	67,301	Kansas.....	2,132	2,713	Kentucky.....	2,770	2,677
Nebraska.....	19,715	17,898	South Atlantic.....	39,741	28,056	Tennessee.....	6,488	8,705
Kansas.....	20,350	20,273	Maryland.....	5,367	5,036	Alabama.....	6,302	5,478
South Atlantic.....	340,601	294,817	Virginia.....	4,632	2,974	Mississippi.....	1,116	(2)
Delaware.....	8,648	6,056	West Virginia.....	2,266	2,308	West South Central.....	23,321	22,718
Maryland.....	52,604	42,836	North Carolina.....	9,130	4,517	Arkansas.....	1,495	2,081
District of Columbia.....	23,651	19,905	South Carolina.....	1,159	2,105	Louisiana.....	4,202	4,374
Virginia.....	42,071	39,007	Georgia.....	9,613	6,185	Oklahoma.....	1,318	1,445
West Virginia.....	28,133	30,231	Florida.....	4,971	3,978	Texas.....	16,306	14,818
North Carolina.....	55,572	48,311	East South Central.....	15,643	8,623	Mountain.....	5,364	4,088
South Carolina.....	20,590	17,738	Kentucky.....	2,523	2,305	Colorado.....	2,918	2,185
Georgia.....	44,011	40,714	Tennessee.....	7,045	2,269	Pacific.....	44,271	38,205
Florida.....	67,321	50,019	Alabama.....	4,419	3,001	Washington.....	5,321	4,928
East South Central.....	131,082	118,920	Mississippi.....	1,656	1,048	Oregon.....	1,187	1,285
Kentucky.....	27,160	26,390	West South Central.....	16,972	15,341	California.....	37,219	31,992
Tennessee.....	53,838	47,903	Arkansas.....	1,082	1,285	PIES (20514)		
Alabama.....	31,957	27,995	Louisiana.....	3,229	3,074	United States, total....	205,865	201,472
Mississippi.....	18,127	16,632	Oklahoma.....	2,385	1,310	New England.....	21,333	20,104
West South Central.....	213,291	197,703	Texas.....	10,276	9,672	Maine.....	1,718	(2)
Arkansas.....	17,851	16,162	Mountain.....	9,952	8,383	Massachusetts.....	16,774	14,641
Louisiana.....	43,356	39,948	Montana.....	1,111	(2)	Connecticut.....	2,018	3,829
Oklahoma.....	26,653	24,847	Colorado.....	4,197	3,727	Middle Atlantic.....	69,310	63,268
Texas.....	125,431	116,745	Arizona.....	1,504	1,348	New York.....	30,215	32,030
Mountain.....	86,969	73,372	Utah.....	1,241	(2)	New Jersey.....	8,138	7,241
Montana.....	7,090	7,112	Pacific.....	40,460	35,739	Pennsylvania.....	30,957	23,997
Idaho.....	5,464	4,843	Washington.....	4,151	3,454	East North Central.....	39,853	42,107
Wyoming.....	1,399	1,205	Oregon.....	2,073	2,075	Ohio.....	12,041	14,371
Colorado.....	27,170	22,257	California.....	33,282	30,210	Indiana.....	3,688	3,594
New Mexico.....	9,743	9,196	SOFT CAKES (20513)			Illinois.....	11,293	14,478
Arizona.....	18,752	15,543	United States, total....	437,980	413,325	Michigan.....	11,049	8,082
Utah.....	13,575	11,617	New England.....	27,263	26,014	Wisconsin.....	1,782	1,582
Nevada.....	3,776	1,599	Maine.....	2,314	1,678	West North Central.....	6,700	6,895
Pacific.....	345,222	266,321	Massachusetts.....	18,590	18,480	Minnesota.....	1,522	1,716
Washington.....	37,226	33,958	Connecticut.....	3,838	3,357	Missouri.....	2,914	3,379
Oregon.....	25,736	25,167	Middle Atlantic.....	154,319	140,049	Kansas.....	1,523	(2)
California.....	271,654	207,196	New York.....	70,616	67,604	South Atlantic.....	21,378	18,439
Alaska.....	2,409	(2)	New Jersey.....	23,275	18,319	Maryland.....	6,044	4,340
Hawaii.....	8,197	(2)	Pennsylvania.....	60,428	54,126	Virginia.....	2,564	1,660
						North Carolina.....	5,506	4,156
						Georgia.....	2,397	2,600
						Florida.....	2,408	2,536

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
PIES (20514)—Continued			DOUGHNUTS (CAKE TYPE) (20517)—Continued			BISCUITS, CRACKERS, AND PRETZELS (20521)—Continued		
East South Central.....	9,408	12,346	Middle Atlantic.....	34,058	35,156	East North Central.....	125,440	93,993
Kentucky.....	3,713	4,370	New York.....	16,523	18,750	Ohio.....	23,261	23,264
Tennessee.....	4,941	4,760	New Jersey.....	4,601	5,025	Illinois.....	86,841	58,466
West South Central.....	9,323	7,661	Pennsylvania.....	12,934	11,381	Michigan.....	8,383	(²)
Arkansas.....	184	(Z)	East North Central.....	34,831	32,222	West North Central.....	30,168	32,799
Louisiana.....	1,515	1,431	Ohio.....	11,379	9,677	Missouri.....	15,836	11,558
Oklahoma.....	3,183	848	Indiana.....	2,893	1,576	South.....	89,718	64,917
Texas.....	4,441	5,249	Illinois.....	8,121	8,617	Maryland.....	5,106	(²)
Mountain.....	3,306	2,892	Michigan.....	7,661	8,280	Georgia.....	39,758	(²)
Colorado.....	1,496	(Z)	Wisconsin.....	4,777	4,072	West.....	63,669	45,822
Pacific.....	25,254	27,760	West North Central.....	11,954	8,926	OTHER "DRY" BAKERY PRODUCTS, INCLUDING ICE CREAM CONES (20522)	1963 ¹	
Washington.....	2,342	2,307	Minnesota.....	2,980	2,340	United States, total...		679,810
California.....	21,530	24,335	Iowa.....	2,573	(²)	New England.....		13,286
PASTRIES AND COOKIES (20515)	1963 ¹		Missouri.....	4,007	4,050	Massachusetts.....		11,410
United States, total...		51,191	Nebraska.....	1,374	359	Middle Atlantic.....		200,695
New England.....		4,861	South Atlantic.....	12,486	9,060	New York.....		55,294
Massachusetts.....		3,128	Maryland.....	4,004	2,448	New Jersey.....		90,343
Middle Atlantic.....		12,973	Virginia.....	1,144	(²)	Pennsylvania.....		55,058
New York.....		8,643	North Carolina.....	1,999	(²)	East North Central.....		219,889
New Jersey.....		2,630	Georgia.....	2,014	1,280	Ohio.....		53,686
Pennsylvania.....		1,700	Florida.....	2,570	2,172	Indiana.....		7,317
East North Central.....		10,032	East South Central.....	4,246	2,359	Illinois.....		119,238
Ohio.....		1,801	Tennessee.....	1,970	(²)	Michigan.....		23,843
Illinois.....		4,187	Alabama.....	1,321	(²)	Wisconsin.....		15,805
Michigan.....		3,262	West South Central.....	3,946	3,856	West North Central.....		36,245
West North Central.....		2,123	Texas.....	2,874	2,216	Minnesota.....		1,086
Missouri.....		1,508	Mountain.....	4,492	3,181	Missouri.....		15,446
South.....		11,984	Colorado.....	2,158	1,467	South Atlantic.....		76,915
West.....		9,218	Pacific.....	18,174	14,582	Maryland.....		4,716
California.....		8,891	Washington.....	1,987	1,645	North Carolina.....		15,662
DOUGHNUTS (CAKE TYPE) (20517)	1963 ¹	1958	Oregon.....	846	1,788	Georgia.....		41,471
United States, total...	141,410	125,151	California.....	14,997	11,149	East South Central.....		26,090
New England.....	17,223	15,809	BISCUITS, CRACKERS, AND PRETZELS (20521)			Kentucky.....		9,932
Maine.....	5,225	4,111	United States, total...	450,179	349,786	Tennessee.....		11,463
Massachusetts.....	8,152	8,059	New England.....	4,912	(Z)	West South Central.....		31,957
Connecticut.....	2,002	1,080	Middle Atlantic.....	136,272	101,733	Texas.....		20,995
			New York.....	12,963	17,371	Mountain.....		2,763
			New Jersey.....	45,796	19,755	Colorado.....		1,937
			Pennsylvania.....	77,513	64,667	Pacific.....		71,970
						California.....		48,822

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20511, North Dakota and South Dakota; 20512, District of Columbia; 20513, Rhode Island and District of Columbia; 20514, District of Columbia and Oregon; 20515, North Carolina, Georgia, and Tennessee; 20521, Massachusetts, Indiana, Wisconsin, Minnesota, Iowa, Kansas, Virginia, North Carolina, Kentucky, Alabama, Arkansas, Texas, Colorado, Washington, Oregon, and California; 20522, Iowa, Kansas, Virginia, Florida, Alabama, Arkansas, Louisiana, Oklahoma, Washington, and Oregon.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Selected Ingredients Used, by Manufacturing Bakeries:
1963 and 1958

Code	Material	1963					1958				
		Total	Wholesale bakeries (SIC 2051-12)	Grocery chain bakeries (SIC 2051-13)	Home service bakeries (SIC 2051-14)	Retail multi- outlet bakeries (SIC 2051-16)	Total	Wholesale bakeries (SIC 2051-12)	Grocery chain bakeries (SIC 2051-13)	Home service bakeries (SIC 2051-14)	Retail multi- outlet bakeries (SIC 2051-16)
		INDUSTRY 2051.—BAKERY PRODUCTS									
	Total cost of materials, ingredi- ents, containers, and supplies:	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Quantity.....1,000 lbs..										
	Delivered Cost.....\$1,000..										
204101	Wheat flour:	1,672,986	1,275,597	216,064	103,690	77,635	1,635,569	1,233,819	201,294	132,953	67,503
	Quantity.....1,000 lbs..	9,578,993	7,732,243	1,103,193	554,768	188,789	9,195,452	7,186,584	997,797	817,835	193,236
	Delivered cost.....\$1,000..	578,678	467,713	66,236	32,808	11,921	551,161	430,010	59,569	49,796	11,786
204554	Prepared flour mixes:										
	Quantity.....1,000 lbs..	440,449	308,563	88,044	28,228	15,614	(NA)	(NA)	(NA)	(NA)	(NA)
	Delivered cost.....\$1,000..	56,013	37,974	11,972	3,895	2,172	(NA)	(NA)	(NA)	(NA)	(NA)
206011	Sugar (cane and beet):										
	Quantity.....1,000 lbs..	1,296,172	979,200	160,435	80,564	75,973	1,335,734	994,689	165,547	111,969	63,529
	Delivered cost.....\$1,000..	128,112	94,687	16,583	8,428	8,414	121,884	89,668	15,574	10,387	6,255
209611	Shortening:										
	Quantity.....1,000 lbs..	316,508	229,864	42,060	23,423	21,161	302,459	216,244	40,805	27,367	18,043
	Delivered cost.....\$1,000..	45,500	33,133	5,944	3,237	3,186	54,752	38,763	7,159	5,270	3,560
201151	Lard:										
	Quantity.....1,000 lbs..	289,860	217,727	43,847	20,956	7,330	293,214	223,445	40,493	23,022	6,254
	Delivered cost.....\$1,000..	31,921	24,091	4,853	2,175	802	42,290	32,253	5,806	3,361	870
209601	Margarine and puff paste:										
	Quantity.....1,000 lbs..	40,312	25,717	6,341	2,830	5,424	169,676 36,435	110,936 23,167	25,325 5,876	13,447 2,617	19,968 4,775
	Delivered cost.....\$1,000..	6,690	4,253	1,105	483	849					
209014	Other fats and oils: ¹										
	Quantity.....1,000 lbs..	156,491	93,655	28,417	7,659	26,760					
	Delivered cost.....\$1,000..	29,375	17,035	5,680	1,505	5,155					
202311	Dried milk:										
	Quantity.....1,000 lbs..	223,052	174,199	28,599	13,939	6,315	268,954	205,581	33,272	25,337	4,764
	Delivered cost.....\$1,000..	33,349	25,918	4,253	2,112	1,066	39,784	30,450	4,844	3,744	746
201561	Frozen and liquid eggs:										
	Quantity.....1,000 lbs..	178,792	108,706	38,539	11,179	20,368	167,981	96,500	39,413	15,850	16,218
	Delivered cost.....\$1,000..	45,264	26,810	9,886	2,856	5,712	49,751	28,594	11,552	4,452	5,153
970005	Containers and wrapping materials:										
	Delivered cost.....\$1,000..	254,493	193,585	36,289	15,855	8,764	234,480	175,357	33,746	19,133	6,244
970099	All other materials, ingredients, and supplies:										
	Delivered cost.....\$1,000..	322,586	224,537	49,419	24,637	23,993	325,884	230,358	53,377	27,821	14,328
976000	Materials, ingredients, etc., n.s.k: ²										
	Delivered cost.....\$1,000..	141,005	125,861	3,844	5,699	5,601	179,148	155,199	3,791	6,372	13,786
		1963					1958				
		Quantity (1,000 pounds)		Delivered cost (\$1,000)		Quantity (1,000 pounds)		Delivered cost (\$1,000)			
		INDUSTRY 2052.—BISCUIT, CRACKERS, AND COOKIES									
	Total cost of materials, ingredi- ents, containers, and supplies...		(X)			475,264		(X)			419,168
204101	Wheat flour.....1,000 lbs..		2,268,611			115,340		1,962,652			100,398
204554	Prepared flour mixes.....do....		13,397			984		(NA)			(NA)
206011	Sugar (cane and beets) in terms of sugar solids.....do....		604,848			59,912		509,983			46,753
209611	Shortening.....do....		175,332			22,196		144,471			23,941
201151	Lard.....do....		195,381			18,379		138,890			17,317
209601	Margarine and puff paste.....do....		3,340			439					
209014	Other fats and oils (cooking oils, butter, etc.).....do....		106,418			16,157		108,223			20,183
202311	Dried milk.....do....		18,234			2,410		17,705			2,588
201561	Frozen and liquid eggs.....do....		11,234			4,017		10,341			3,829

See footnotes at end of table.

**TABLE 7A. Selected Ingredients Used, by Manufacturing Bakeries:
1963 and 1958—Continued**

Product code	Material	1963		1958	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
		INDUSTRY 2052.—BISCUIT, CRACKERS, AND COOKIES—Continued			
970005	Containers and wrapping materials.....1,000 lbs..	(X)	126,872	(X)	109,461
970099	All other materials, containers, and supplies.....do....	(X)	101,089	}	(X) 94,698
976000	Materials, ingredients, etc., n.s.k. ².....do....	(X)	7,469		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes an undetermined amount of shortening, lard, and margarine and puff paste used by small establishments.

²Represents (a) total cost of material for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of material reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Bread and related products (SIC 2051)	Biscuit, crackers, and cookies (SIC 2052)
Total cost of purchased fuels and electric energy.....\$1,000..	47,119	7,739
Total cost of purchased fuels.....do..	27,361	4,492
Bituminous coal, lignite, and anthracite:		
Quantity.....1,000 short tons..	42	9
Cost.....\$1,000..	522	76
Coke and breeze:		
Quantity.....1,000 short tons..	(S)	-
Cost.....\$1,000..	(S)	-
Fuel oil (distillate and residual):		
Quantity.....1,000 barrels of 42 gallons..	1,726	205
Cost.....\$1,000..	6,972	730
Gas (natural, manufactured, still, blast furnace, and coke oven):		
Quantity.....million cu. ft..	24,930	5,547
Cost.....\$1,000..	15,377	3,336
Other fuels.....do....	4,437	350
Electric energy:		
Purchased:		
Quantity.....million kw.-hrs..	1,239	270
Cost.....\$1,000..	19,758	3,247
Generated less sold.....million kw.-hrs..	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	580	120
Prime movers, total.....do....	25	6
Driving generators.....do....	11	2
Not driving generators.....do....	14	4
Electric motors, total.....do....	556	114
Driven by purchased energy.....do....	556	114
Driven by energy generated at establishment.....do....	-	-
Aggregate horsepower per 100 production workers.....	423	362

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2051-	BREAD AND RELATED PRODUCTS										
	Entire industry.....	5,010	236,984	1,300,329	129,909	267,615	645,680	2,403,782	2,103,082	4,505,995	95,280
	Establishments with—										
	90% or more specialization..	4,836	223,716	1,225,830	119,708	245,881	592,600	2,244,491	1,958,083	4,201,939	86,239
	75-89% specialization.....	84	7,188	36,268	4,927	10,441	24,542	61,854	62,092	123,895	2,546
20511	Bread and bread-type rolls (primary product class of estab.)....	2,470	179,737	1,027,183	92,393	190,001	479,908	1,908,773	1,637,242	3,545,364	69,379
	Establishments with—										
	90% or more specialization....	1,468	87,120	519,024	40,830	85,482	216,255	989,848	853,279	1,842,406	39,815
	75-89% specialization.....	301	26,825	156,362	14,257	29,449	73,645	271,802	239,974	511,934	12,467
20512	Sweet yeast goods (primary product class of estab.).....	454	11,704	50,285	7,550	15,685	32,129	84,121	78,004	162,119	3,452
	Establishments with—										
	90% or more specialization....	101	1,761	6,765	1,207	2,428	4,116	13,035	14,314	27,372	724
	75-89% specialization.....	45	869	3,665	595	1,251	2,450	7,627	6,282	13,910	415
20513	Soft cakes (primary product class of estab.).....	247	20,006	114,229	13,342	27,133	68,368	213,183	188,214	401,270	10,033
	Establishments with—										
	90% or more specialization....	89	3,797	23,422	2,150	4,138	10,483	42,925	42,256	85,109	1,834
	75-89% specialization.....	21	2,554	17,126	1,709	3,659	10,243	34,491	26,295	60,669	2,313
20514	Pies (primary product class of estab.).....	266	9,159	46,088	5,900	12,571	25,126	85,116	90,677	175,772	3,619
	Establishments with—										
	90% or more specialization....	160	3,896	19,062	2,418	5,160	10,238	39,116	36,600	75,719	1,395
	75-89% specialization.....	23	1,120	6,423	620	1,323	2,786	11,061	10,111	21,172	655
20515	Pastries and cookies (handmade) (primary product class of estab.)	41	1,527	6,457	1,118	2,300	4,571	11,340	10,502	21,854	419
	Establishments with—										
	90% or more specialization....	15	594	2,598	424	919	1,845	5,223	5,536	10,777	138
20517	Doughnuts (cake type) (primary product class of estab.).....	167	2,002	8,652	1,259	2,629	5,058	14,000	17,961	31,971	573
	Establishments with—										
	90% or more specialization....	113	800	2,908	575	1,177	2,051	6,060	7,338	13,397	239
	75-89% specialization.....	17	293	1,511	175	381	692	2,034	3,025	5,065	98
20510	Bread and related products, n.s.k. (primary product class of estab.)	1,362	12,849	47,435	8,347	17,296	30,520	87,279	80,482	167,645	8,155
	Establishments with—										
	90% or more specialization....	1,300	12,375	45,641	8,035	16,675	29,289	81,917	77,745	159,603	3,976
2051-12	Wholesale bakeries (entire sub-industry).....	4,287	180,428	1,000,188	96,965	201,297	470,823	1,868,219	1,640,810	3,508,209	81,321
	Establishments with—										
	90% or more specialization....	4,181	175,295	973,254	93,243	193,372	454,317	1,818,786	1,590,708	3,408,806	75,189
	75-89% specialization.....	47	2,908	15,147	2,110	4,735	9,616	26,772	28,050	54,803	1,252
20511	Bread and bread-type rolls (primary product class of estab.)....	2,046	133,929	788,239	67,713	140,732	346,355	1,471,630	1,268,175	2,739,162	58,465
	Establishments with—										
	90% or more specialization....	1,357	83,670	501,625	38,976	81,837	206,791	948,502	811,336	1,759,094	40,309
	75-89% specialization.....	263	24,268	143,467	12,520	25,904	64,657	247,052	217,041	464,235	9,207
20512	Sweet yeast goods (primary product class of estab.).....	369	7,849	34,459	5,508	11,383	22,351	57,900	56,770	114,665	2,775
	Establishments with—										
	90% or more specialization....	100	1,709	6,573	1,168	2,353	4,000	12,827	14,154	27,004	721
	75-89% specialization.....	44	867	3,658	594	1,249	2,445	7,625	6,279	13,905	415
20513	Soft cakes (primary product class of estab.).....	191	14,767	84,254	9,483	19,394	46,765	162,901	145,792	308,583	8,178
	Establishments with—										
	90% or more specialization....	78	3,653	22,904	2,042	3,938	10,151	42,114	41,469	83,511	1,440
	75-89% specialization.....	19	2,523	17,013	1,682	3,600	10,147	34,394	26,116	60,393	2,310
20514	Pies (primary product class of estab.).....	249	7,800	39,656	4,858	10,323	20,670	76,903	73,681	150,590	3,160
	Establishments with—										
	90% or more specialization....	156	3,887	19,022	2,413	5,150	10,209	39,041	36,494	75,538	1,391
	75-89% specialization.....	22	1,087	6,316	603	1,273	2,732	10,889	9,955	20,844	648

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
	BREAD AND RELATED PRODUCTS—Con.										
20515	Pastries and cookies (handmade) (primary product class of estab.)	31	1,168	4,789	872	1,725	3,442	9,376	8,736	18,126	353
	Establishments with—										
	90% or more specialization....	13	530	2,200	398	797	1,669	4,633	5,163	9,814	137
20517	Doughnuts (cake type) (primary product class of estab.).....	154	1,543	6,505	1,072	2,223	4,087	11,450	14,965	26,420	538
	Establishments with—										
	90% or more specialization....	106	764	2,831	553	1,132	1,999	5,932	7,193	13,124	234
	75-89% specialization.....	15	289	1,505	172	375	688	2,024	3,018	5,048	98
2051-13	Grocery chain bakeries (entire subindustry).....	153	19,074	111,739	16,702	33,071	94,030	225,947	239,619	465,528	6,850
	Establishments with—										
	90% or more specialization....	135	14,081	82,426	12,217	24,528	68,857	177,696	177,315	355,040	5,086
	75-89% specialization.....	9	1,854	10,960	1,647	3,224	9,560	13,956	19,767	33,704	807
20511	Bread and bread-type rolls (primary product class of estab.)....	129	17,007	99,789	14,852	29,315	83,545	211,205	220,823	432,034	6,146
	Establishments with—										
	90% or more specialization....	24	1,437	8,627	1,186	2,380	6,645	25,665	25,597	51,300	1,192
	75-89% specialization.....	14	1,487	8,428	1,293	2,609	7,124	17,547	17,329	34,855	895
20512	Sweet yeast goods (primary product class of estab.).....	7	258	1,276	209	552	1,096	2,426	1,987	4,403	23
20513	Soft cakes (primary product class of estab.).....	8	1,626	9,822	1,478	2,859	8,639	10,788	15,560	26,314	659
2051-14	Home service bakeries (entire subindustry).....	281	23,964	127,007	7,754	15,799	39,108	201,492	132,011	333,464	4,314
	Establishments with—										
	90% or more specialization....	272	22,487	120,385	7,201	14,698	36,647	190,237	123,914	314,121	3,892
20511	Bread and bread-type rolls (primary product class of estab.)....	193	21,921	117,180	6,750	13,776	34,505	184,671	117,618	302,238	3,893
	Establishments with—										
	90% or more specialization....	83	2,719	14,722	855	1,849	4,270	24,531	21,025	45,544	687
	75-89% specialization.....	18	852	3,626	333	692	1,306	5,240	3,757	9,035	256
20512	Sweet yeast goods (primary product class of estab.).....	16	768	3,988	409	772	1,915	7,283	5,407	12,695	266
2051-16	Retail multi-outlet bakeries (entire subindustry).....	289	13,518	61,395	8,488	17,448	41,719	108,124	90,642	198,794	2,795
	Establishments with—										
	90% or more specialization....	252	10,391	50,055	6,717	13,611	33,528	88,199	66,321	154,576	2,072
	75-89% specialization.....	22	1,035	4,002	663	1,462	3,118	10,316	6,598	16,910	224
20511	Bread and bread-type rolls (primary product class of estab.)....	108	5,053	22,928	3,201	6,415	16,104	42,769	31,765	74,571	1,011
	Establishments with—										
	90% or more specialization....	20	485	1,599	306	590	1,129	2,335	1,915	4,249	48
20512	Sweet yeast goods (primary product class of estab.).....	64	2,759	10,062	1,384	2,878	6,467	15,732	13,320	29,056	288
20513	Soft cakes (primary product class of estab.).....	37	3,103	17,694	2,121	4,417	11,850	34,430	22,849	57,293	755
20515	Pastries and cookies (handmade) (primary product class of estab.)	6	263	1,159	200	417	881	1,263	1,287	2,548	62
2052-	BISCUIT, CRACKERS AND COOKIES										
	Entire industry.....	356	43,160	213,021	34,105	67,978	150,941	627,040	523,335	1,150,149	26,429
	Establishments with—										
	90% or more specialization..	329	38,395	190,212	30,972	61,841	138,239	575,529	477,432	1,052,688	18,142
	75-89% specialization.....	10	3,194	16,357	1,957	3,975	8,037	38,204	26,705	65,018	1,319
20521	Biscuit, crackers, and pretzels (primary product class of estab.)	84	13,965	70,397	10,887	21,027	49,082	209,642	171,534	380,978	7,667
	Establishments with—										
	90% or more specialization....	57	4,533	21,808	3,500	6,865	14,702	53,177	49,363	102,405	3,113
	75-89% specialization.....	3	261	1,282	220	438	907	2,065	3,604	5,687	53
20522	Other "dry" bakery products (including machine-made cookies and ice cream cones) (primary product class of estab.).....	193	28,691	141,025	22,824	46,187	100,647	413,688	347,453	761,218	12,397
	Establishments with—										
	90% or more specialization....	156	10,837	49,179	8,179	15,743	28,758	105,625	121,058	226,637	5,100
	75-89% specialization.....	11	3,453	16,698	2,881	5,834	13,300	53,507	44,201	97,747	658

SUGAR AND CONFECTIONERY PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2061—Cane Sugar, Except Refining Only
- 2062—Cane Sugar Refining
- 2063—Beet Sugar
- 2071—Candy and Other Confectionery Products
- 2072—Chocolate and Cocoa Products
- 2073—Chewing Gum

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

Industry Group 206, Sugar, excise taxes are not included in the cost of materials, value of shipments, or value added for the sugar producing industries (2061, 2062, 2063).

2061—CANE SUGAR, EXCEPT REFINING ONLY

This industry comprises establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugar cane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in industry 2062. For a detailed list of products of industry 2061, refer to table 6A, product codes 2061011 to 2061081.

Value of shipments and other receipts of the Raw Cane Sugar Industry in 1963 totaled \$379 million. This amount included shipments of raw cane sugar products (primary products) valued at \$373 million, and shipments of other products (secondary products) and miscellaneous receipts (mainly resales) at \$5 million.

The specialization and coverage ratios for industry 2061 was over 99 percent in 1963, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

Sugar cane grown on plantations during the first 9 months of the year is usually harvested and processed during the last 3. In some instances the processing carries over to the early months of the following year. Establishments in industry 2061 reported on the

basis of the 1963 crop year rather than the calendar year where the two did not coincide, except for employment and payroll data which were reported for the calendar year in all cases.

The production index for the primary products of the industry increased to 138 in 1963 from the 1958 level of 79. The unit value index for 1963 was 143 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2062—CANE SUGAR REFINING

This industry comprises establishments primarily engaged in refining purchased raw cane sugar and sugar sirup. For a detailed list of products of industry 2062, refer to table 6A, product codes 2062009 to 2062075.

Value of shipments and other receipts of the Cane Sugar Refining Industry in 1963 totaled \$1,271 million, almost all of which consisted of shipments of refined cane sugar products (primary products).

The specialization and coverage ratios for industry 2062 were 100 percent in both 1963 and 1958, indicating high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The production index for the primary products of the industry increased to 111 in 1963 from the 1958 level of 108. The unit value index for 1963 was 131 compared to 107 in 1958. Both indexes were computed on a basis of 1954 = 100.

2063—BEET SUGAR

This industry comprises establishments primarily engaged in manufacturing sugar from sugar beets. For a detailed list of products of industry 2063, refer to table 6A, product codes 2063009 to 2063087.

Value of shipments and other receipts of the Beet Sugar Industry in 1963 totaled \$564 million. This amount included shipments of beet sugar products (primary products) valued at \$554 million, shipments of other products (secondary products) and miscellaneous receipts (mainly resales) at \$10 million.

The specialization and coverage ratios for industry 2063 were 100 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

Beet sugar production is highly seasonal, with the processing of sugar beets starting in the late summer and generally running to the early months of the following year. Establishments in this industry reported for the 1963 crop year rather than the calendar year where the two did not coincide, but employment and payroll data were always reported for the calendar year.

The production index for the primary products of the industry increased to 172 in 1963 from the 1958 level of 124. The unit value index for 1963 was 116 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2071—CANDY AND OTHER CONFECTIONERY PRODUCTS

This industry comprises establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establish-

ments primarily engaged in manufacturing solid chocolate bars are classified in industry 2072, and chewing gum in industry 2073. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises and those primarily engaged in shelling and roasting nuts are classified in trade industries. For a detailed list of products of industry 2071, refer to table 6A, product codes 2071131 to 2071000.

Value of shipments and other receipts of the Confectionery Products Industry in 1963 totaled \$1,455 million. This amount included shipments of confectionery products (primary products) valued at \$1,322 million, and shipments of other products (secondary products) valued at \$63 million, and miscellaneous receipts (mainly resales) at \$70 million.

The specialization and coverage ratios for industry 2071 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The production index for the primary products of the industry increased to 134 in 1963 from the 1958 level of 115. The unit value index for 1963 was 104 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2072—CHOCOLATE AND COCOA PRODUCTS

This industry comprises establishments primarily engaged in shelling, roasting, and grinding cocoa beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products except candy from purchased chocolate and cocoa are classified in industry 2099, and chocolate candies in industry 2071. For a detailed list of products of industry 2072, refer to table 6A, product codes 2072112 to 2072800.

Value of shipments and other receipts of the Chocolate and Cocoa Products Industry in 1963 totaled \$479 million. This amount included shipments of chocolate products (primary products) valued at \$471 million, shipments of other products (secondary products) valued at \$6 million, and miscellaneous receipts (mainly resales) at \$3 million.

This industry's shipments of chocolate and cocoa products (primary products) in 1963 represented 99 percent (specialization ratio) of its total product shipments (primary and secondary). The industry specialization ratio in 1958 was also 98 percent.

Industry 2072 shipments of chocolate and cocoa products (primary products) in 1963 represented 82 percent (coverage ratio) of these products valued at \$573 million shipped by all industries. In 1958, the coverage ratio was 87 percent.

The production index for the primary products of the industry increased to 149 in 1963 from the 1958 level of 110. The unit value index for 1963 was 77 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

2073--CHEWING GUM

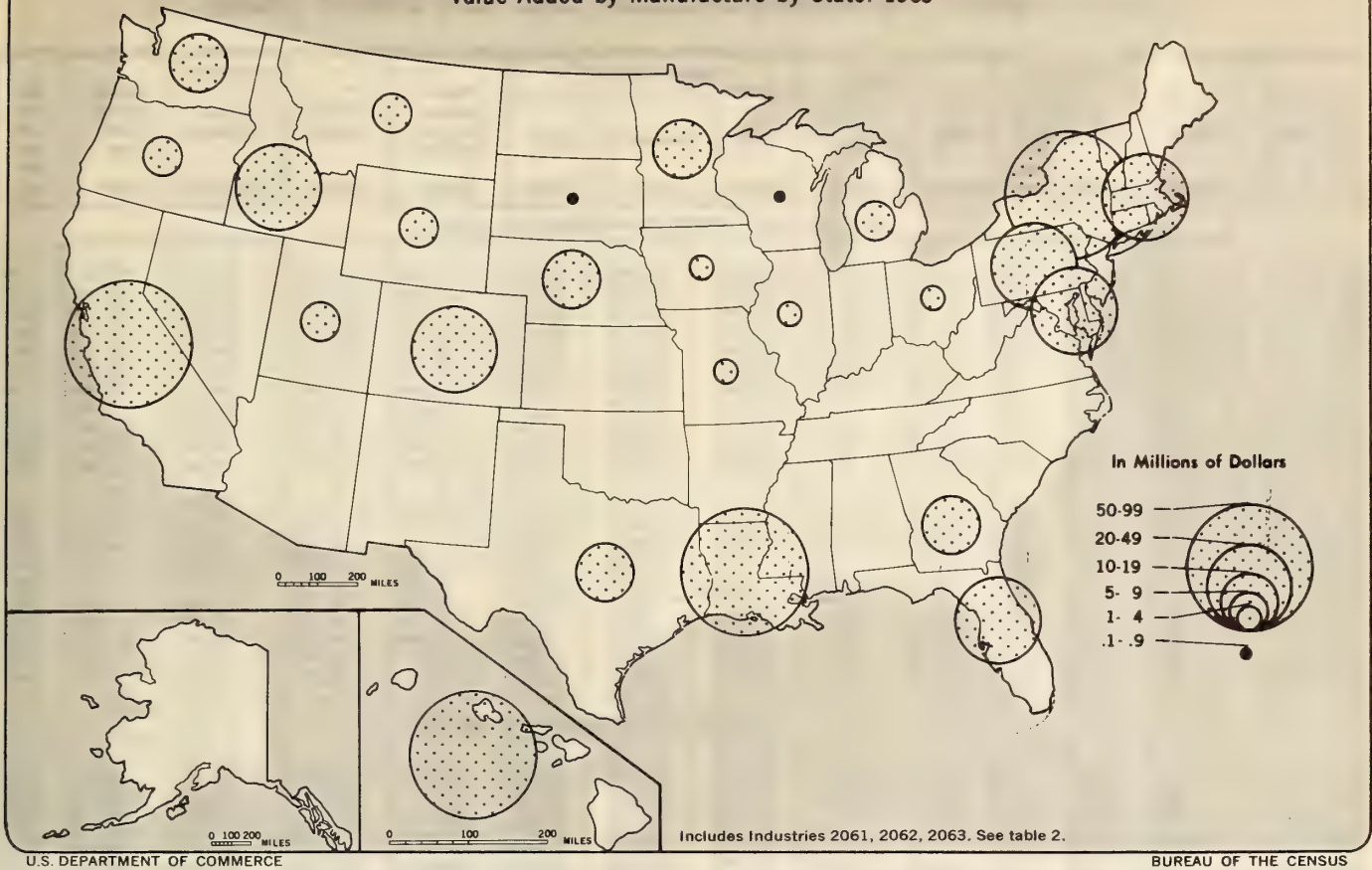
This industry comprises establishments primarily engaged in manufacturing chewing gum or chewing gum base. For a detailed list of products of industry 2073, refer to table 6A, product codes 2073011 to 2073015.

Value of shipments and other receipts of the Chewing Gum Industry in 1963 totaled \$225 million. This amount included shipments of chewing gum (primary products) valued at \$199 million, and shipments of other products (secondary products) and miscellaneous receipts (mainly resales) at \$26 million.

The specialization and coverage ratios for industry 2073 were over 87 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A). Definitions of the specialization and coverage ratios are provided in table 5A.

The production index for the primary products of the industry increased to 97 in 1963 from the 1958 level of 91. The unit value index for 1963 was 132 compared to 119 in 1958. Both indexes were computed on a basis of 1954 = 100.

SUGAR: SIC 206 **Value Added by Manufacture by State: 1963**



CANDY AND RELATED PRODUCTS: SIC 207 **Value Added by Manufacture by State: 1963**

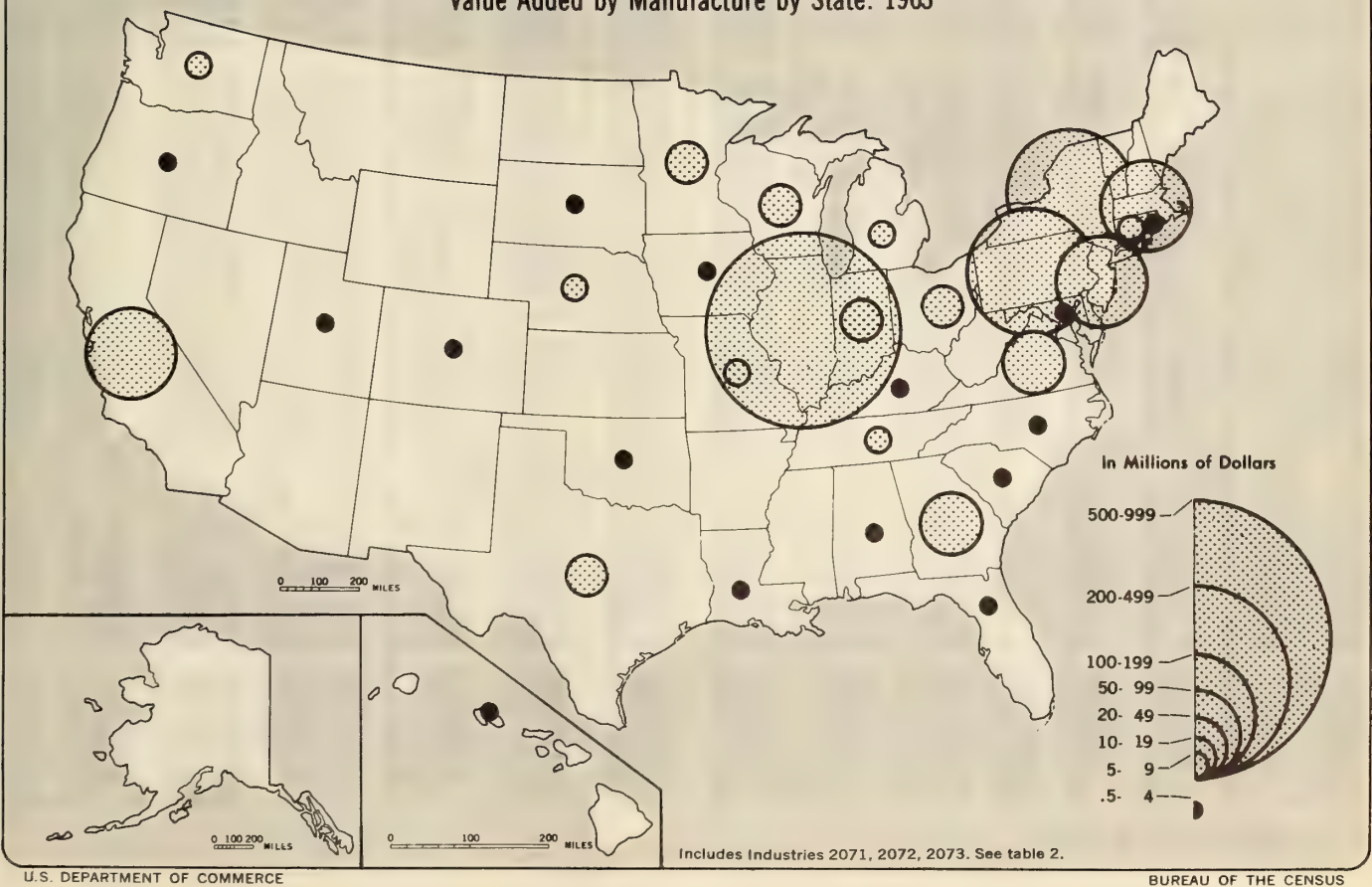


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2061.—RAW CANE SUGAR ¹														
1963.....	50	74	73	8,263	38,796	6,308	14,634	27,929	135,686	251,888	378,710	19,289	99	100
1962 ²	(NA)	(NA)	(NA)	6,789	31,220	5,304	12,148	22,151	77,223	154,551	232,542	20,795	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	7,245	31,515	5,696	13,250	22,662	74,390	156,180	229,272	10,510	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	7,170	28,549	5,639	12,731	20,659	81,783	118,597	200,375	7,765	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	7,498	29,672	5,980	13,256	21,809	78,921	118,727	198,015	8,416	(NA)	(NA)
1958.....	(NA)	76	70	7,327	28,662	5,632	12,807	19,491	67,835	109,701	178,016	8,037	(NA)	(NA)
1954 ³	43	49	43	3,078	8,949	2,719	7,231	7,307	17,640	49,275	64,715	2,659	96	97
1947 ³	77	82	(NA)	4,635	8,550	4,022	10,217	6,597	⁴ 17,709	⁴ 41,595	⁴ 60,135	5,061	97	100
1939 ³	(NA)	78	(NA)	5,294	3,731	4,217	(NA)	2,573	10,510	22,100	32,600	(NA)	(NA)	(NA)
1937 ³	(NA)	72	(NA)	4,819	3,209	4,221	(NA)	2,380	8,500	19,800	28,300	(NA)	(NA)	(NA)
1935 ³	(NA)	74	(NA)	3,714	2,258	2,944	(NA)	1,530	8,000	17,400	25,400	(NA)	(NA)	(NA)
1933 ³	(NA)	67	(NA)	2,718	1,587	2,371	(NA)	1,228	6,639	11,594	18,233	(NA)	(NA)	(NA)
1931 ³	(NA)	68	(NA)	(NA)	(NA)	2,032	(NA)	1,333	3,973	10,008	13,981	(NA)	(NA)	(NA)
1929 ³	(NA)	70	(NA)	2,723	2,102	2,319	(NA)	1,642	6,103	12,223	18,326	(NA)	(NA)	(NA)
1927 ³	(NA)	53	(NA)	1,204	932	971	(NA)	639	2,179	5,830	8,009	(NA)	(NA)	(NA)
1925 ³	(NA)	94	(NA)	2,478	1,838	2,066	(NA)	1,411	1,849	11,586	13,435	(NA)	(NA)	(NA)
1923 ³	(NA)	122	(NA)	3,674	2,480	2,820	(NA)	1,728	6,218	20,963	27,181	(NA)	(NA)	(NA)
1921 ³	(NA)	134	(NA)	3,311	3,018	2,724	(NA)	2,296	6,020	16,941	22,961	(NA)	(NA)	(NA)
1919 ³	(NA)	202	(NA)	6,880	5,675	6,101	(NA)	4,009	13,598	44,143	57,741	(NA)	(NA)	(NA)
1914 ³	(NA)	181	(NA)	4,372	2,053	3,632	(NA)	1,561	5,677	15,958	21,635	(NA)	(NA)	(NA)
1909 ^{3 5}	(NA)	214	(NA)	5,115	2,600	4,127	(NA)	1,863	9,326	21,295	30,621	(NA)	(NA)	(NA)
INDUSTRY 2062.—CANE SUGAR REFINING														
1963.....	16	25	25	12,443	90,792	9,499	20,683	66,948	254,418	1,048,067	1,271,229	16,209	100	100
1962 ²	(NA)	(NA)	(NA)	12,914	89,014	9,952	21,655	66,460	233,959	910,859	1,139,697	11,364	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	13,895	88,997	10,615	22,488	66,684	211,395	858,494	1,076,244	14,658	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	14,854	91,588	11,516	24,429	69,008	224,531	841,285	1,067,552	23,254	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	15,429	88,683	12,072	25,215	67,270	189,181	847,348	1,025,383	19,404	(NA)	(NA)
1958.....	16	⁶ 28	25	15,213	83,962	11,807	25,321	63,371	184,824	812,624	997,288	26,829	100	100
1957 ^{2 3}	(NA)	(NA)	(NA)	15,405	79,238	12,362	25,207	59,519	177,315	801,284	976,861	17,523	99	99
1956 ^{2 3}	(NA)	(NA)	(NA)	15,420	75,508	12,289	25,726	56,796	167,315	802,039	978,550	13,388	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	15,471	70,708	12,399	25,418	53,231	138,445	757,053	902,305	11,200	(NA)	(NA)
1954 ³	16	23	23	16,068	66,431	12,932	26,061	50,350	133,380	727,744	866,835	10,553	100	100
1953 ^{2 3}	(NA)	(NA)	(NA)	15,462	64,908	12,733	27,110	50,731	⁴ 112,376	⁴ 762,422	⁴ 874,798	(NA)	(NA)	(NA)
1952 ^{2 3}	(NA)	(NA)	(NA)	16,228	60,744	13,520	27,753	47,612	⁴ 129,639	⁴ 749,544	⁴ 879,186	(NA)	(NA)	(NA)
1951 ^{2 3}	(NA)	(NA)	(NA)	16,667	56,850	14,017	27,749	43,927	⁴ 113,469	⁴ 683,594	⁴ 797,066	(NA)	(NA)	(NA)
1950 ^{2 3}	(NA)	(NA)	(NA)	17,304	57,672	14,460	30,164	44,440	⁴ 116,262	⁴ 708,869	⁴ 825,134	(NA)	(NA)	(NA)
1949 ^{2 3}	(NA)	(NA)	(NA)	17,079	53,412	14,699	31,607	42,303	⁴ 100,599	⁴ 645,801	⁴ 744,974	(NA)	(NA)	(NA)
1947 ³	17	25	(NA)	17,376	47,172	15,093	33,074	38,974	⁴ 98,112	⁴ 728,744	⁴ 818,430	5,902	100	100
1939 ³	(NA)	27	(NA)	16,828	21,412	14,133	(NA)	16,197	55,993	289,000	345,000	(NA)	(NA)	(NA)
1937 ³	(NA)	23	(NA)	15,718	19,942	14,024	(NA)	15,973	62,000	315,000	377,000	(NA)	(NA)	(NA)
1935 ³	(NA)	18	(NA)	15,263	17,190	13,832	(NA)	13,914	41,000	292,000	333,000	(NA)	(NA)	(NA)
1933 ³	(NA)	19	(NA)	12,786	15,141	11,495	(NA)	12,237	55,539	281,536	337,075	(NA)	(NA)	(NA)
1931 ³	(NA)	19	(NA)	(NA)	(NA)	11,855	(NA)	15,547	59,370	335,933	395,303	(NA)	(NA)	(NA)
1929 ³	(NA)	21	(NA)	15,655	22,410	13,912	(NA)	17,850	68,990	438,399	507,389	(NA)	(NA)	(NA)
1927 ³	(NA)	21	(NA)	15,742	22,353	13,996	(NA)	17,707	45,852	551,594	597,446	(NA)	(NA)	(NA)
1925 ³	(NA)	21	(NA)	16,359	23,913	14,502	(NA)	18,955	56,737	549,896	606,633	(NA)	(NA)	(NA)
1923 ³	(NA)	20	(NA)	17,474	25,753	15,254	(NA)	20,044	44,362	681,880	726,242	(NA)	(NA)	(NA)
1921 ³	(NA)	20	(NA)	17,784	25,020	15,457	(NA)	19,463	40,001	426,601	466,602	(NA)	(NA)	(NA)
1919 ³	(NA)	20	(NA)	20,915	28,153	18,202	(NA)	22,710	68,843	662,144	730,987	(NA)	(NA)	(NA)
1914 ³	(NA)	18	(NA)	12,553	10,326	11,253	(NA)	7,823	25,314	264,085	289,399	(NA)	(NA)	(NA)
1909 ^{3 5}	(NA)	19	(NA)	10,339	7,275	9,399	(NA)	5,621	22,341	226,288	248,629	(NA)	(NA)	(NA)
INDUSTRY 2063.—BEET SUGAR ¹														
1963.....	11	65	62	11,297	59,641	10,088	21,367	50,879	200,698	373,514	564,073	38,113	100	100
1962 ²	(NA)	(NA)	(NA)	10,940	55,292	9,687	20,870	47,075	166,866	296,718	456,412	22,317	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	11,058	55,163	9,729	21,335	46,887	144,374	269,510	417,546	17,003	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	10,241	51,990	9,019	20,604	44,238	151,776	261,157	409,818	13,099	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	10,540	49,981	9,244	20,746	42,164	131,711	264,894	383,516	10,581	(NA)	(NA)
1958.....	15	66	66	10,324	49,217	9,036	20,947	41,220	130,393	255,037	392,212	7,970	100	100
1954 ³	15	65	65	11,019	42,453	9,431	19,911	35,245	113,741	203,446	300,951	5,910	100	100
1953 ³	(NA)	(NA)	(NA)	11,217	41,347	9,625	20,637	33,871	⁴ 98,392	⁴ 199,729	⁴ 298,121	(NA)	(NA)	(NA)
1952 ³	(NA)	(NA)	(NA)	10,570	36,929	8,830	18,334	29,747	⁴ 99,816	⁴ 164,696	⁴ 264,233	(NA)	(NA)	(NA)
1951 ³	(NA)	(NA)	(NA)	11,575	37,313	10,000	20,453	30,902	⁴ 97,157	⁴ 167,671	⁴ 264,549	(NA)	(NA)	(NA)
1950 ³	(NA)	(NA)	(NA)	12,634	37,485	10,994	22,437	31,395	⁴ 80,950	⁴ 187,506	⁴ 268,177	(NA)	(NA)	(NA)
1949 ³	(NA)	(NA)	(NA)	11,096	31,621	9,769	19,753	26,326	⁴ 82,083	⁴ 143,728	⁴ 225,532	(NA)	(NA)	(NA)
1947 ³	17	74	(NA)	13,412	35,669	11,634	25,935	29,958	⁴ 118,048	⁴ 187,485	⁴ 262,872	12,520	100	100
1939 ³	(NA)	85	(NA)	12,324	16,408	10,410	(NA)	12,361	49,445	68,000	117,000	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2063.—BEET SUGAR ¹ —Continued														
1937 ³	(NA)	87	(NA)	10,937	15,099	9,366	(NA)	11,733	38,000	55,000	93,000	(NA)	(NA)	(NA)
1935 ³	(NA)	77	(NA)	10,798	12,532	9,232	(NA)	9,338	24,000	58,000	82,000	(NA)	(NA)	(NA)
1933 ³	(NA)	84	(NA)	11,907	13,057	10,706	(NA)	10,884	51,006	76,127	127,133	(NA)	(NA)	(NA)
1931 ³	(NA)	67	(NA)	(NA)	(NA)	6,241	(NA)	7,548	23,347	62,325	85,672	(NA)	(NA)	(NA)
1929 ³	(NA)	82	(NA)	8,943	12,819	7,496	(NA)	10,021	37,593	70,960	108,553	(NA)	(NA)	(NA)
1927 ³	(NA)	79	(NA)	8,872	12,725	7,402	(NA)	9,710	25,910	79,017	104,927	(NA)	(NA)	(NA)
1925 ³	(NA)	89	(NA)	10,403	15,281	8,872	(NA)	12,088	45,301	87,038	132,339	(NA)	(NA)	(NA)
1923 ³	(NA)	84	(NA)	9,602	14,394	7,571	(NA)	10,103	47,494	70,820	118,314	(NA)	(NA)	(NA)
1921 ³	(NA)	92	(NA)	16,008	27,643	13,602	(NA)	22,658	17,241	121,869	139,110	(NA)	(NA)	(NA)
1919 ³	(NA)	85	(NA)	14,189	20,336	11,781	(NA)	15,908	62,127	87,029	149,156	(NA)	(NA)	(NA)
1914 ³	(NA)	60	(NA)	9,633	8,865	7,997	(NA)	6,606	21,206	41,399	62,605	(NA)	(NA)	(NA)
1909 ³	(NA)	58	(NA)	8,388	6,578	7,204	(NA)	4,808	20,857	27,265	48,122	(NA)	(NA)	(NA)
1904 ³	(NA)	51	(NA)	4,726	3,491	3,963	(NA)	2,487	9,907	14,487	24,394	(NA)	(NA)	(NA)
1899 ³	(NA)	30	(NA)	2,320	1,449	1,970	(NA)	1,092	2,520	4,804	7,324	(NA)	(NA)	(NA)
INDUSTRY 2071.—CONFECTIONERY PRODUCTS ¹														
1963 ²	1,142	1,211	411	63,643	269,680	52,724	102,402	193,028	635,393	824,052	1,454,512	28,094	95	95
1962 ²	(NA)	(NA)	(NA)	65,742	275,646	52,966	105,568	192,165	600,308	796,388	1,395,076	29,304	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	65,475	265,980	52,893	105,156	187,492	590,609	776,446	1,361,985	22,214	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	64,549	253,152	51,977	102,898	176,544	566,269	758,008	1,317,954	22,633	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	64,712	243,564	52,351	103,614	170,339	530,819	735,687	1,268,221	22,743	(NA)	(NA)
1958 ²	1,327	1,390	421	66,504	236,982	54,325	104,870	168,278	512,532	727,407	1,229,277	24,872	96	96
1957 ² ³	(NA)	(NA)	(NA)	66,908	227,956	53,250	103,306	157,763	500,352	634,268	1,130,400	19,307	94	95
1956 ² ³	(NA)	(NA)	(NA)	68,938	225,167	54,551	107,321	155,829	474,609	610,172	1,069,881	21,357	(NA)	(NA)
1955 ² ³	(NA)	(NA)	(NA)	68,117	210,190	54,890	106,710	146,687	454,589	587,756	1,034,568	15,579	(NA)	(NA)
1954 ² ³	(NA)	1,434	446	66,799	201,706	55,220	107,952	143,850	431,883	605,474	1,034,955	13,399	96	96
1953 ² ³	(NA)	(NA)	(NA)	67,911	199,578	56,690	111,874	144,148	412,136	563,455	975,591	(NA)	(NA)	(NA)
1952 ² ³	(NA)	(NA)	(NA)	69,195	201,283	55,703	114,585	140,676	383,953	607,887	991,840	(NA)	(NA)	(NA)
1951 ² ³	(NA)	(NA)	(NA)	66,989	187,908	54,962	111,388	131,412	378,380	582,524	960,904	(NA)	(NA)	(NA)
1947 ³	(NA)	1,686	550	75,165	167,886	64,883	130,694	123,046	413,852	531,073	944,925	25,602	99	97
1939 ³	(NA)	1,252	(NA)	61,111	63,124	49,740	(NA)	41,085	127,026	170,736	297,762	(NA)	(NA)	(NA)
1937 ³	(NA)	1,226	(NA)	59,230	55,040	53,722	(NA)	43,441	123,058	182,781	305,839	(NA)	(NA)	(NA)
1935 ³	(NA)	1,314	(NA)	58,083	51,751	52,109	(NA)	39,252	106,151	153,738	259,889	(NA)	(NA)	(NA)
1933 ³	(NA)	1,218	(NA)	55,991	40,614	50,609	(NA)	32,991	97,669	114,164	211,833	(NA)	(NA)	(NA)
1931 ³	(NA)	1,566	(NA)	(NA)	(NA)	51,262	(NA)	42,153	139,409	144,748	284,157	(NA)	(NA)	(NA)
1929 ³	(NA)	2,021	(NA)	72,718	80,028	63,501	(NA)	56,443	178,078	215,192	393,270	(NA)	(NA)	(NA)
1927 ³	(NA)	1,908	(NA)	73,142	81,545	63,163	(NA)	56,981	173,554	218,373	391,927	(NA)	(NA)	(NA)
1925 ³	(NA)	1,931	(NA)	74,255	77,861	63,600	(NA)	55,235	173,648	205,433	379,081	(NA)	(NA)	(NA)
1923 ³	(NA)	2,014	(NA)	74,561	79,124	63,485	(NA)	54,882	163,537	202,719	366,256	(NA)	(NA)	(NA)
1921 ³	(NA)	2,254	(NA)	72,496	72,016	61,004	(NA)	50,210	139,926	174,072	313,998	(NA)	(NA)	(NA)
1919 ³	(NA)	3,149	(NA)	90,836	85,706	76,493	(NA)	54,461	195,292	252,434	447,726	(NA)	(NA)	(NA)
1914 ³ ⁷	(NA)	2,317	(NA)	60,881	32,165	51,610	(NA)	20,644	59,993	93,693	153,686	(NA)	(NA)	(NA)
INDUSTRY 2072.—CHOCOLATE AND COCOA PRODUCTS														
1963 ²	24	28	23	8,743	49,305	6,952	13,964	35,936	184,796	302,662	479,085	8,371	99	82
1962 ²	(NA)	(NA)	(NA)	8,836	47,594	6,949	14,018	34,162	174,280	288,523	461,958	6,717	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	8,783	46,236	6,926	13,855	33,012	168,175	282,296	445,856	5,220	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	8,519	42,460	6,715	13,467	31,008	158,108	289,175	450,629	4,377	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	8,316	40,042	6,595	13,341	29,187	144,127	304,493	446,486	5,665	(NA)	(NA)
1958 ²	26	28	25	8,271	38,427	6,492	13,193	27,510	135,098	318,577	447,156	4,129	98	87
1957 ² ³	(NA)	(NA)	(NA)	8,071	35,986	6,691	13,926	26,582	117,661	296,202	409,702	6,033	94	94
1956 ² ³	(NA)	(NA)	(NA)	8,102	33,692	6,581	13,716	24,673	99,514	287,275	387,280	4,168	(NA)	(NA)
1955 ² ³	(NA)	(NA)	(NA)	8,347	33,912	6,597	13,285	23,556	92,617	318,115	415,867	3,580	(NA)	(NA)
1954 ²	27	28	24	8,465	33,133	6,677	13,503	23,219	85,741	351,853	433,632	3,636	98	89
1953 ² ³	(NA)	(NA)	(NA)	10,182	36,860	7,850	15,309	25,397	97,799	300,745	398,544	(NA)	(NA)	(NA)
1952 ² ³	(NA)	(NA)	(NA)	9,195	32,927	7,632	15,269	24,065	89,828	284,089	373,917	(NA)	(NA)	(NA)
1951 ² ³	(NA)	(NA)	(NA)	9,667	33,261	8,005	16,183	24,524	80,608	287,011	367,619	(NA)	(NA)	(NA)
1950 ² ³	(NA)	(NA)	(NA)	10,202	33,091	8,403	17,521	23,807	89,009	267,924	356,933	(NA)	(NA)	(NA)
1949 ² ³	(NA)	(NA)	(NA)	10,094	31,411	7,914	17,762	23,484	93,796	249,764	343,560	(NA)	(NA)	(NA)
1947 ²	31	31	(NA)	9,605	27,480	7,708	15,933	19,174	98,276	251,631	349,907	6,013	99	100
1939 ³	(NA)	39	(NA)	8,831	13,030	6,464	(NA)	7,711	35,559	63,459	99,018	(NA)	(NA)	(NA)
1937 ³	(NA)	40	(NA)	8,473	10,408	7,402	(NA)	8,129	28,215	74,131	102,346	(NA)	(NA)	(NA)
1935 ³	(NA)	44	(NA)	9,383	10,368	8,291	(NA)	7,996	26,640	66,407	93,047	(NA)	(NA)	(NA)
1933 ³	(NA)	54	(NA)	7,181	7,542	9,460	(NA)	6,115	26,182	41,572	67,754	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ialization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2072.—CHOCOLATE AND COCOA PRODUCTS—Continued														
1931.....	(NA)	55	(NA)	(NA)	(NA)	5,677	(NA)	6,649	37,301	50,045	87,346	(NA)	(NA)	(NA)
1929.....	(NA)	59	(NA)	7,068	10,276	6,249	(NA)	7,778	39,992	79,549	119,541	(NA)	(NA)	(NA)
1927.....	(NA)	69	(NA)	7,345	10,125	6,427	(NA)	7,339	32,300	90,423	122,723	(NA)	(NA)	(NA)
1925.....	(NA)	60	(NA)	8,477	11,343	7,128	(NA)	7,992	33,120	73,522	106,642	(NA)	(NA)	(NA)
1923.....	(NA)	58	(NA)	8,378	11,481	6,876	(NA)	7,730	34,688	60,843	95,531	(NA)	(NA)	(NA)
1921.....	(NA)	55	(NA)	8,010	10,345	6,652	(NA)	7,278	32,515	49,134	81,649	(NA)	(NA)	(NA)
1919.....	(NA)	48	(NA)	10,266	13,309	9,083	(NA)	9,270	37,504	101,754	139,258	(NA)	(NA)	(NA)
1914.....	(NA)	36	(NA)	5,039	3,489	4,160	(NA)	2,036	11,230	24,483	35,713	(NA)	(NA)	(NA)
1909.....	(NA)	27	(NA)	3,394	2,239	2,826	(NA)	1,269	6,867	15,523	22,390	(NA)	(NA)	(NA)
1904.....	(NA)	25	(NA)	2,381	1,285	2,090	(NA)	822	4,667	9,723	14,390	(NA)	(NA)	(NA)
1899.....	(NA)	24	(NA)	1,603	897	1,314	(NA)	526	2,789	6,877	9,666	(NA)	(NA)	(NA)
INDUSTRY 2073.—CHEWING GUM														
1963.....	20	24	17	5,558	30,997	3,892	7,422	17,779	135,848	89,331	224,844	2,881	88	96
1962 ¹	(NA)	(NA)	(NA)	5,660	30,037	3,902	7,673	17,528	129,745	82,492	212,280	4,449	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	5,671	28,608	3,898	7,620	16,650	121,783	82,139	203,862	3,192	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	5,677	27,702	3,925	7,541	15,976	117,885	82,598	200,380	3,146	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	5,531	26,627	3,823	7,516	15,550	110,636	81,698	192,350	2,595	(NA)	(NA)
1958 ²	24	27	16	5,576	25,270	3,947	7,587	14,940	104,789	80,011	185,054	3,380	91	96
1957 ²	(NA)	(NA)	(NA)	5,006	22,280	3,855	7,436	14,456	105,274	71,556	175,501	1,359	92	96
1956 ²	(NA)	(NA)	(NA)	4,912	21,118	3,764	7,331	14,082	97,840	67,063	165,674	3,268	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	5,045	20,830	3,902	7,577	14,048	95,639	65,671	161,110	(S)	(NA)	(NA)
1954.....	27	28	16	5,161	20,149	4,019	7,806	14,034	92,227	66,852	159,036	4,235	95	98
1952 ²	(NA)	(NA)	(NA)	4,956	18,421	3,739	7,117	12,685	84,171	76,012	160,183	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	4,911	17,295	3,711	7,056	11,714	74,819	69,265	144,084	(NA)	(NA)	(NA)
1949 ²	(NA)	(NA)	(NA)	5,964	19,198	4,696	9,272	13,052	70,364	70,890	141,254	(NA)	(NA)	(NA)
1947.....	35	37	(NA)	6,940	19,192	5,472	11,583	13,446	74,937	73,349	148,286	4,595	(D)	(D)
1939.....	(NA)	27	(NA)	3,693	5,437	2,627	(NA)	3,286	43,153	17,630	60,783	(NA)	(NA)	(NA)
1937.....	(NA)	25	(NA)	2,839	3,935	2,401	(NA)	2,967	39,834	16,888	56,722	(NA)	(NA)	(NA)
1935.....	(NA)	26	(NA)	2,794	3,604	2,315	(NA)	2,417	32,781	14,985	47,766	(NA)	(NA)	(NA)
1933.....	(NA)	31	(NA)	2,574	2,759	2,252	(NA)	2,232	29,055	12,599	41,654	(NA)	(NA)	(NA)
1931.....	(NA)	35	(NA)	(NA)	(NA)	2,147	(NA)	2,463	34,516	16,824	51,340	(NA)	(NA)	(NA)
1929.....	(NA)	37	(NA)	2,852	4,195	2,265	(NA)	2,733	36,929	23,231	60,160	(NA)	(NA)	(NA)
1927.....	(NA)	40	(NA)	3,257	4,414	2,524	(NA)	2,727	34,833	27,168	62,001	(NA)	(NA)	(NA)
1925.....	(NA)	41	(NA)	2,639	3,469	2,180	(NA)	2,538	29,870	17,968	47,838	(NA)	(NA)	(NA)
1923.....	(NA)	45	(NA)	2,541	3,174	2,052	(NA)	2,233	25,384	15,487	40,871	(NA)	(NA)	(NA)
1921.....	(NA)	50	(NA)	2,557	3,343	1,994	(NA)	2,149	18,957	19,908	38,865	(NA)	(NA)	(NA)
1919.....	(NA)	62	(NA)	4,033	4,527	3,190	(NA)	2,680	26,038	25,202	51,240	(NA)	(NA)	(NA)
1914 ⁷	(NA)	74	(NA)	2,668	1,649	2,048	(NA)	828	9,838	7,322	17,160	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1955 to 1963, figures represent the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August, and November, plus all other employees for the payroll period ended nearest the 15th of March. For 1949 to 1954 they represent an average of all employees for the payroll period ended nearest the 15th of March, May, August, and November. (However, for industries 2061, 2062, and 2063 the 1954 figure for all employees is the average of the 12 monthly figures and the figure for production workers was calculated by subtracting from the all employees total, the average number of nonproduction employees for March, May, August, and November). For 1947, an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on 12 monthly figures, plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1949 to 1963 figures are based on employment for the payroll period ended nearest the 15th of March, May, August, and November; and for 1947 and prior years, they represent the average of the 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1939, the figures represent value of production rather than shipments. Data for Alaska and Hawaii have been included in these industries since 1958, data for these states prior to 1958 are unavailable.

Standard Notes: (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.

¹The figures for 1947-1963 generally cover the calendar year except that some producers reported for the seasons beginning in the respective years. (See text on industry.) The figures for 1931-1939 cover the seasons beginning in the respective census years, and for prior years for the seasons ending in those years. Thus the figures given for 1939 cover the season 1939-40, whereas, the figures for 1921 apply to the season 1920-21. In 1925, 1927, and 1929, however, most of the establishments in industry 2061 Raw Cane Sugar and a few establishments in industry 2063 Beet Sugar, reported for the seasons 1925-26, 1927-28, and 1929-30, instead of 1924-25, 1926-27, and 1928-29.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

³For the period 1958-1962 data for a single cane sugar refining plant in Hawaii were included in industry 2061, Raw Cane Sugar, rather than industry 2062, Cane Sugar Refining, in order to avoid disclosing figures for an individual firm.

⁴Value added by manufacture does not equal the published value of products shipped less cost of materials, etc., because an estimated value of production was used in the calculation in place of value of products shipped. Since the 1949-1953 figures are estimates derived from 1947 base totals, the same inequality may exist for these years.

⁵No comparable figures are available for earlier years. Prior to 1909, Raw Cane Sugar and Cane Sugar Refining constituted a single industry.

⁶Includes 3 small establishments reporting the manufacture of liquid sugar.

⁷Confectionery Products and Chewing Gum formerly were combined in one industry. Separate statistics for each are, therefore, not available for years prior to 1914.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	INDUSTRY 2061.—RAW CANE SUGAR												
Total.....	74	73	8,263	38,796	6,308	14,634	27,929	135,686	251,888	378,710	19,289	² 7,327	² 67,835
South.....	50	49	3,947	18,457	3,259	8,399	14,966	63,856	129,368	186,259	9,891	3,011	21,841
Pacific.....	24	24	4,316	20,339	3,075	6,235	13,225	69,405	122,520	191,925	7,579	² 4,316	² 45,994
Hawaii.....	24	24	4,316	20,339	3,075	6,235	13,225	69,405	122,520	191,925	7,579	² 4,316	² 45,994
	INDUSTRY 2062.—CANE SUGAR REFINING												
Total.....	25	25	12,443	90,792	9,499	20,683	66,948	254,418	1,048,067	1,271,229	16,209	² 15,213	² 184,824
Northeast.....	8	8	5,556	42,093	3,983	8,560	29,297	112,714	374,787	476,734	9,626	7,101	80,880
New York.....	4	4	2,958	22,301	2,058	4,365	15,035	53,370	174,978	220,882	5,121	3,636	39,184
North Central.....	4	4	256	1,847	185	386	1,177	4,639	42,273	46,006	276	245	3,219
West South Central.....	8	8	3,482	24,023	2,893	6,511	19,582	65,977	337,892	289,619	3,876	} ² 7,867	² 100,725
All other divisions	5	5	3,149	22,829	2,438	5,216	16,892	71,088	293,115	358,870	2,431		
	INDUSTRY 2063.—BEET SUGAR												
Total.....	65	62	11,297	59,641	10,088	21,367	50,879	200,698	373,514	564,073	38,113	10,324	130,393
North Central.....	20	19	2,806	15,899	2,455	5,869	13,172	46,688	86,838	124,503	7,327	(³)	(³)
Mountain.....	30	29	4,693	25,235	4,161	9,143	21,284	81,718	150,138	227,923	7,212	(³)	(³)
Montana.....	4	4	665	3,672	580	1,293	3,013	8,561	23,418	31,068	513	(³)	(³)
All other divisions	15	14	3,798	18,507	3,472	6,355	16,423	72,292	136,538	211,647	23,574	(³)	(³)
	INDUSTRY 2071.—CONFECTIONERY PRODUCTS												
Total.....	1,211	411	63,643	269,680	52,724	102,402	193,028	635,393	824,052	1,454,512	28,094	66,504	512,532
New England.....	69	31	5,668	22,861	4,832	9,098	16,617	56,691	67,642	123,699	1,257	6,866	49,697
Massachusetts....	50	26	4,773	18,805	4,068	7,580	13,658	45,761	55,825	101,117	1,095	5,909	36,770
Middle Atlantic.....	340	117	18,848	79,720	15,733	30,372	57,085	193,401	216,394	407,881	8,732	19,742	151,083
New York.....	115	48	8,020	33,216	6,779	13,076	24,665	74,478	77,189	150,556	3,797	8,807	61,909
New Jersey.....	62	17	3,400	17,483	2,815	5,476	11,387	47,112	57,040	103,894	1,584	3,180	30,465
Pennsylvania.....	163	52	7,428	29,021	6,139	11,820	21,033	71,811	82,165	153,431	3,351	7,755	58,709
East North Central.....	248	93	17,890	87,927	14,391	28,941	61,226	201,056	262,068	461,409	9,113	18,570	166,905
Indiana.....	13	6	1,081	5,344	922	1,979	4,087	14,618	24,460	38,913	664	775	6,437
Illinois.....	108	57	13,709	70,579	10,999	2,213	48,627	159,508	200,664	359,377	7,157	14,283	139,326
Wisconsin.....	20	8	828	3,137	689	1,342	2,276	6,164	8,363	14,579	258	(³)	(³)
West North Central.....	73	32	4,294	15,632	3,666	6,798	11,625	32,229	50,523	84,568	1,324	3,710	25,559
Minnesota.....	24	10	1,154	4,863	983	2,093	3,613	11,796	21,165	32,762	724	981	8,103
Missouri.....	26	15	1,467	5,067	1,189	2,142	3,658	7,861	12,007	22,207	208	1,214	6,929
Mountain.....	39	8	1,161	3,907	1,007	1,862	2,932	8,229	8,068	16,096	520	(³)	(³)
Colorado.....	12	2	499	1,553	460	829	1,376	3,766	3,558	7,239	(D)	492	1,897
Utah.....	19	6	592	2,195	486	937	1,436	3,920	3,974	7,815	119	496	2,616
All other divisions	442	130	31,284	59,633	13,095	25,331	43,543	143,789	219,357	360,859	7,148	(³)	(³)
Maryland.....	26	7	518	1,526	437	776	1,096	3,718	4,682	8,388	194	629	3,612
Virginia.....	20	9	2,397	7,352	2,164	3,980	6,293	21,409	45,238	66,377	(D)	2,388	21,790
North Carolina.....	14	6	352	1,014	263	448	682	2,717	2,209	4,884	122	260	1,277
Georgia.....	23	12	2,356	8,845	1,890	3,770	5,677	22,767	28,131	50,282	1,552	2,571	16,656
Florida.....	22	5	344	1,110	286	571	801	2,774	4,336	7,047	152	307	1,419
Kentucky.....	13	2	127	404	111	211	338	528	865	1,431	29	504	1,663
Alabama.....	11	5	501	1,417	460	932	1,253	2,003	8,828	10,819	95	482	1,867
Louisiana.....	11	4	381	1,194	313	629	719	1,838	3,178	4,981	63	368	2,155
Oklahoma.....	14	3	534	1,607	489	937	1,373	2,272	6,501	8,621	368	237	1,180
Texas.....	61	12	1,612	6,260	1,340	2,616	4,382	12,578	19,321	32,017	566	1,687	12,045
Washington.....	23	5	658	3,147	502	923	1,980	6,282	5,685	11,929	113	(³)	(³)
Oregon.....	16	5	345	1,228	308	482	981	3,931	6,738	10,797	110	(³)	(³)
California.....	135	47	4,314	19,512	3,446	6,869	14,460	51,238	70,385	120,191	1,833	4,885	35,959

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2072.—CHOCOLATE AND COCOA PRODUCTS													
Total.....	28	23	8,743	49,305	6,952	13,964	35,936	184,796	302,662	479,085	8,371	8,271	135,098
Northeast.....	18	15	7,717	42,323	6,277	12,484	32,184	158,537	251,325	402,494	4,532	(³)	(³)
Pennsylvania.....	5	5	4,759	24,286	4,062	7,885	19,497	89,540	142,827	230,102	2,304	4,446	61,099
North Central and South.....	5	4	671	4,826	414	926	2,236	16,153	34,602	50,215	762	(³)	(³)
Pacific.....	5	4	345	2,156	261	554	1,516	10,106	16,735	26,376	3,077	192	2,421
INDUSTRY 2073.—CHEWING GUM													
Total.....	24	17	5,558	30,997	3,892	7,422	17,779	135,848	89,331	224,844	2,881	5,576	104,789
Northeast.....	13	10	4,080	23,244	2,686	5,069	12,644	69,101	49,445	118,039	1,869	(³)	(³)
New York.....	7	5	3,131	18,112	1,987	3,671	9,340	59,348	33,122	92,373	1,325	3,051	46,782
North Central, South and West....	11	7	1,478	7,753	1,206	2,353	5,135	66,747	39,886	106,805	1,012	(³)	(³)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2061, Raw Cane Sugar: South Atlantic—Florida, 8 (1,000-2,499); West South Central—Louisiana, 42 (2500-4999)

SIC 2062, Cane Sugar Refining: New England—Massachusetts, 2 (500-999); Middle Atlantic—Pennsylvania, 2 (1,000-2,499); East North Central—Illinois, 2 (100-249); Wisconsin, 1 (20-99); West North Central—Missouri, 1 (20-99); South Atlantic—Maryland, 1 (500-999); Georgia, 1 (500-999); Florida, 1 (100-249); West South Central—Louisiana, 7 (2,500-4,999); Texas, 1 (500-999); Pacific—California, 1 (1,000-2,499); Hawaii, 1 (20-99).

SIC 2063, Beet Sugar: East North Central—Ohio, 3 (250-499); Michigan, 5 (500-999); West North Central—Minnesota, 4 (500-999); Iowa, 1 (100-249); North Dakota, 1 (1-19); South Dakota, 1 (100-249); Nebraska, 5 (500-999); West South Central—Texas, 1 (1-19); Mountain—Idaho, 5 (500-999); Wyoming, 3 (250-499); Colorado, 13 (2,114); Utah, 5 (500-999); Pacific—Washington, 2 (250-499); Oregon, 1 (250-499).

SIC 2071, Confectionery Products: New England—Maine, 4 (20-99); New Hampshire, 1 (1-19); Vermont, 2 (20-99); Rhode Island, 5 (419); Connecticut, 7 (250-499); East North Central—Ohio, 80 (1,000-2,499); Michigan, 27 (500-999); West North Central—Iowa, 12 (250-499); North Dakota, 1 (1-19); South Dakota, 1 (100-249); Nebraska, 5 (1,000-2,499); Kansas, 4 (20-99); South Atlantic—Delaware, 1 (1-19); District of Columbia, 2 (1-19); West Virginia, 4 (1-19); South Carolina, 5 (126); East South Central—Tennessee, 17 (500-999); Mississippi, 5 (100-249); West South Central—Arkansas, 4 (1-19); Mountain—Wyoming, 2 (1-19); New Mexico, 3 (20-99); Arizona, 3 (20-99); Pacific—Hawaii, 15 (204).

SIC 2072, Chocolate and Cocoa Products: New England—Massachusetts, 4 (1,000-2,499); Connecticut, 1 (20-99); Middle Atlantic—New York, 3 (1,556); New Jersey, 5 (250-499); East North Central—Illinois, 2 (250-499); South Atlantic—North Carolina, 1 (1-19); Pacific—Washington, 1 (20-99); California, 4 (250-499);

SIC 2073, Chewing Gum: New England—Massachusetts, 1 (100-249); Middle Atlantic—New Jersey, 2 (250-499); Pennsylvania, 3 (532); East North Central—Illinois, 3 (1,000-2,499); South Atlantic—Virginia, 1 (20-99); North Carolina, 1 (1-19); Georgia, 1 (1-19); East South Central—Tennessee, 2 (100-249); Pacific—California, 3 (100-249).

²In 1958 data for a single cane sugar refining plant in Hawaii was included in industry 2061, Raw Cane Sugar rather than industry 2062, Cane Sugar Refining, in order to avoid disclosing data for an individual firm.

³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either in actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Raw cane sugar (SIC 2061)	Cane sugar refining (SIC 2062)	Beet sugar (SIC 2063)	Confectionery products (SIC 2071)	Chocolate and cocoa products (SIC 2072)	Chewing gum (SIC 2073)
Primary product specialization ratio ¹.....	.99	1.00	1.00	.95	.99	.88
Coverage ratio ²	1.00	1.00	1.00	.95	.82	.96
Establishments, total.....number..	74	25	65	1,211	28	24
With 1 to 19 employees.....do....	1	-	3	800	5	7
With 20 to 99 employees.....do....	41	5	4	270	12	6
With 100 or more employees.....do....	32	20	58	141	11	11
Proprietors and working partners.....do....	18	2	1	1,544	3	5
All employees (average for the year).....do....	³ 8,150	³ 12,458	³ 11,722	63,643	8,743	5,558
Payroll (all employees), total for year.....\$1,000..	38,796	90,792	59,641	269,680	49,305	30,997
Production workers:						
Average for the year.....number..	³ 6,221	³ 9,514	³ 10,513	52,724	6,952	3,892
January.....do....	5,445	9,352	13,331	(NA)	(NA)	(NA)
February.....do....	5,591	9,283	6,577	(NA)	(NA)	(NA)
March.....do....	5,407	9,368	5,029	50,874	6,863	3,855
April.....do....	5,020	9,551	5,399	(NA)	(NA)	(NA)
May.....do....	4,804	9,468	6,616	47,096	6,470	3,964
June.....do....	4,971	9,731	6,271	(NA)	(NA)	(NA)
July.....do....	5,042	9,706	6,243	(NA)	(NA)	(NA)
August.....do....	5,050	9,654	6,863	51,052	7,089	4,285
September.....do....	5,179	9,485	8,732	(NA)	(NA)	(NA)
October.....do....	8,709	9,664	20,636	(NA)	(NA)	(NA)
November.....do....	9,640	9,517	21,745	61,876	7,369	3,464
December.....do....	9,790	9,391	18,712	(NA)	(NA)	(NA)
Man-hours.....do....	14,634	20,683	21,367	102,402	13,964	7,422
January-March.....do....	2,910	5,196	3,560	25,277	3,524	1,788
April-June.....do....	2,655	5,255	2,883	23,307	3,300	1,974
July-September.....do....	2,756	5,243	3,549	24,580	3,308	1,959
October-December.....do....	6,313	4,989	11,375	29,238	3,832	1,701
Wages.....\$1,000..	27,929	66,948	50,879	193,028	35,936	17,779
Cost of materials, etc., total.....do....	251,888	1,048,067	373,514	824,052	302,662	89,331
Materials, parts, containers, and supplies consumed.....do....	243,405	1,022,153	342,518	765,733	297,980	86,308
Cost of resales.....do....	(D)	(D)	8,452	46,690	557	1,719
Fuels consumed.....do....	3,446	11,134	21,326	4,609	1,943	439
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	129	27	67	500	185	42
Cost.....\$1,000..	1,788	423	988	6,738	2,088	744
Generated less sold.....million kw.-hrs..	260	355	395	(D)	(D)	(D)
Contract work.....\$1,000..	(D)	(D)	230	282	94	121
Value of shipments (including resales), total.....do....	378,710	1,271,229	564,073	1,454,512	479,085	224,844
Value of resales.....do....	(D)	(D)	9,935	59,655	661	4,197
Value added by manufacture, adjusted.....do....	135,686	254,418	200,698	635,393	184,796	135,848
Manufacturers' inventories:						
Beginning of year, total.....do....	14,154	134,890	153,516	184,839	122,318	44,144
Finished products.....do....	6,759	41,119	124,567	75,280	36,439	6,211
Work-in-process.....do....	342	10,572	4,113	8,931	8,706	947
Materials, supplies, fuel, etc.....do....	7,053	83,199	24,836	100,628	77,173	36,986
End of year, total.....do....	24,294	214,599	164,173	191,504	118,391	45,236
Finished products.....do....	15,722	64,921	127,247	78,255	44,244	6,562
Work-in-process.....do....	243	18,026	11,572	10,889	9,274	931
Materials, supplies, fuel, etc.....do....	8,329	131,652	25,354	102,360	64,873	37,743
Expenditures for plant and equipment, total.....do....	19,455	16,539	38,370	28,904	9,712	2,936
New, total.....do....	19,289	16,209	38,113	28,094	8,371	2,881
New structures and additions to plant.....do....	2,701	1,968	7,648	7,479	2,458	269
New machinery and equipment.....do....	16,588	14,241	30,465	20,615	5,913	2,612
Used plant and equipment.....do....	166	330	257	810	1,341	55
Selected operating ratios:						
Payroll/Total employment.....do....	4,695	7,297	5,228	4,237	5,639	5,577
Production workers/Total employment.....do....	.77	.76	.89	.83	.80	.70
Man-hours/Production workers.....do....	2,300	2,177	2,095	1,942	2,009	1,907
Production worker wages/Man-hours.....do....	1.93	3.24	2.38	1.89	2.57	2.40
Cost of materials and payrolls/Total value of shipments.....do....	.77	.90	.77	.75	.73	.54
Cost of materials/Total value of shipments.....do....	.67	.82	.66	.57	.63	.40
Adjusted value added/Total employment.....do....	16,127	20,447	17,594	9,984	21,136	24,442
Salaries and wages/Adjusted value added.....do....	.29	.36	.30	.42	.27	.23

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Figures for average number of "production workers" and "all employees" do not agree with those appearing in tables 1, 2, and 4. In table 3, the figure for production workers is the average of the twelve monthly figures whereas in table 1, 2, and 4 it is the average of the figures for the months of March, May, August, and November. In all tables the figures for "all employees" is the sum of the respective average production workers and the nonproduction workers as of March 15.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2061.—RAW CANE SUGAR											
Establishments.....number..	74	-	-	1	17	24	27	4	-	1	-
All employees:											
Total.....do....	8,263	-	-	649	(D)	1,703	3,752	2,159	-	(D)	-
Payroll.....\$1,000..	38,796	-	-	2,827	(D)	7,628	18,319	10,022	-	(D)	-
Value added, adjusted.....do....	135,686	-	-	11,356	(D)	28,356	68,573	27,401	-	(D)	-
Value of shipments.....do....	378,710	-	-	30,630	(D)	83,845	196,155	68,080	-	(D)	-
Capital expenditures, new...do....	19,289	-	-	600	(D)	5,271	9,464	3,954	-	(D)	-
INDUSTRY 2062.—CANE SUGAR REFINING											
Establishments.....number..	25	-	-	-	3	2	3	5	10	2	-
All employees:											
Total.....do....	12,443	-	-	-	119	605	(D)	1,786	9,930	(D)	-
Payroll.....\$1,000..	90,792	-	-	-	786	3,728	(D)	12,237	74,041	(D)	-
Value added, adjusted.....do....	254,418	-	-	-	6,029	6,997	(D)	45,359	196,033	(D)	-
Value of shipments.....do....	1,271,229	-	-	-	40,598	58,974	(D)	195,575	976,082	(D)	-
Capital expenditures, new...do....	16,209	-	-	-	112	506	(D)	810	14,781	(D)	-
INDUSTRY 2063.—BEET SUGAR											
Establishments.....number..	65	2	1	-	2	2	49	8	1	-	-
All employees:											
Total.....do....	11,297	250	(D)	-	(D)	(D)	7,919	3,128	(D)	-	-
Payroll.....\$1,000..	59,641	1,208	(D)	-	(D)	(D)	43,585	14,848	(D)	-	-
Value added, adjusted.....do....	200,698	5,639	(D)	-	(D)	(D)	130,684	64,375	(D)	-	-
Value of shipments.....do....	564,073	16,018	(D)	-	(D)	(D)	371,254	176,801	(D)	-	-
Capital expenditures, new...do....	38,113	16,826	(D)	-	(D)	(D)	18,878	2,409	(D)	-	-
INDUSTRY 2071.—CONFECTIONERY PRODUCTS											
Establishments.....number..	1,211	426	190	184	172	98	88	33	13	7	-
All employees:											
Total.....do....	63,643	738	1,267	2,601	5,588	7,040	13,735	11,699	9,876	11,099	-
Payroll.....\$1,000..	269,680	2,233	3,837	8,698	20,410	27,903	56,238	52,212	43,883	54,266	-
Value added, adjusted.....do....	635,393	6,716	9,107	19,992	44,602	72,728	128,142	124,042	101,769	128,295	-
Value of shipments.....do....	1,454,512	15,398	21,140	50,660	117,117	166,467	308,609	275,869	229,283	269,969	-
Capital expenditures, new...do....	28,094	464	643	1,114	2,264	4,014	5,812	5,270	2,223	6,290	-
INDUSTRY 2072.—CHOCOLATE AND COCOA PRODUCTS											
Establishments.....number..	28	2	1	2	2	10	5	3	1	1	1
All employees:											
Total.....do....	8,743	96	(D)	(D)	(D)	651	929	1,041	6,026	(D)	(D)
Payroll.....\$1,000..	49,305	513	(D)	(D)	(D)	3,783	5,743	5,896	33,370	(D)	(D)
Value added, adjusted.....do....	184,796	1,147	(D)	(D)	(D)	9,853	21,356	14,600	137,840	(D)	(D)
Value of shipments.....do....	479,085	7,296	(D)	(D)	(D)	47,873	62,275	38,825	322,816	(D)	(D)
Capital expenditures, new...do....	8,371	3,708	(D)	(D)	(D)	(D)	825	628	3,219	(D)	(D)
INDUSTRY 2073.—CHEWING GUM											
Establishments.....number..	24	1	2	4	3	3	5	2	3	1	-
All employees:											
Total.....do....	5,558	83	(D)	(D)	87	218	1,406	(D)	3,774	(D)	-
Payroll.....\$1,000..	30,997	410	(D)	(D)	354	1,126	7,457	(D)	21,650	(D)	-
Value added, adjusted.....do....	135,848	1,118	(D)	(D)	590	1,868	34,478	(D)	97,794	(D)	-
Value of shipments.....do....	224,844	3,007	(D)	(D)	1,522	4,643	60,754	(D)	154,918	(D)	-
Capital expenditures, new...do....	2,881	34	(D)	(D)	48	131	680	(D)	1,988	(D)	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes capital expenditures for plants under construction but not in operation which constitute \$10,000-\$20,000 thousand of the total for the size class.

²Includes capital expenditures for plants under construction but not in operation which constitute \$2,000-\$5,000 thousand of the total for the size class.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2061	Raw cane sugar.....1963..	378,710	373,487	(¹)	15,223	99	373,487	373,487	-	100
2062	Cane sugar refining.....1963..	1,271,229	(D)	(D)	(D)	100	1,254,958	(D)	(D)	100
	1958 ² ..	997,288	(D)	(D)	(D)	100	996,186	(D)	(D)	100
2063	Beet sugar.....1963..	564,073	553,729	-	10,344	100	553,729	553,729	-	100
	1958..	392,212	379,828	1,013	11,371	100	379,828	379,828	-	100
2071	Confectionery products.....1963..	1,454,512	1,321,650	62,998	69,864	95	1,393,880	1,321,650	72,230	95
	1958..	1,229,277	1,120,948	51,385	56,944	96	1,172,850	1,120,948	51,902	96
2072	Chocolate and cocoa products.....1963..	479,085	470,665	5,589	2,831	99	³ 572,977	470,665	³ 102,312	82
	1958..	447,156	438,937	6,753	1,466	98	³ 506,861	438,937	³ 67,924	87
2073	Chewing gum.....1963..	224,844	198,583	(¹)	¹ 26,261	88	206,827	198,583	8,244	96
	1958..	185,054	168,884	(¹)	¹ 16,170	91	175,149	168,884	6,265	96

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies: (NA) Not available. (X) Not applicable.

¹Secondary products included with miscellaneous receipts.

²Excludes data for Hawaii.

³Includes confectionery type chocolate made from purchased chocolate (see table 6A, product codes 2071681 to 2071687) and "other chocolate products" (cooking chocolate, powdered cocoa, chocolate sirup) made from purchased chocolate (see table 6A, product codes 2099811 to 2099896). If the coverage ratio were confined exclusively to industry 2072, it would have been about 99 percent for 1958 and 1963 since establishments in industry 2072 are almost exclusively engaged in making chocolate products from cocoa beans.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Confectionery products (SIC 2071)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Confectionery products (SIC 2071)	Other industries
	CONFECTIONERY PRODUCTS INDUSTRIES					CONFECTIONERY PRODUCTS INDUSTRIES—Continued			
	Total shipments of the industry.....	(X)	1,454,512	(X)		Miscellaneous receipts—Continued			
	Primary products.....	1,393,880	1,321,650	72,230		Resales.....	(X)	59,655	(X)
20711	Bar goods (except solid chocolate bars).....	265,585	(D)	(D)		Other miscellaneous receipts.....	(X)	8,933	(X)
20712	5¢ and 10¢ specialties.....	128,248	126,000	2,248					
20713	Package goods (except solid chocolate).....	480,286	468,635	11,651		CHOCOLATE AND COCOA PRODUCTS INDUSTRIES			
20714	Bulk goods (except solid chocolate).....	132,622	131,157	1,465		Total shipments of the industry.	(X)	479,085	(X)
20715	Penny goods.....	62,749	62,160	589		Primary products.....	572,977	470,665	102,312
20716	Salted nuts and other confectionery type product.....	293,959	244,608	349,351		Chocolate coatings.....	139,558	129,601	9,957
20710	Confectionery product, n.s.k.....	30,431	(D)	(D)	20721	Confectionery-type chocolate.....	221,136	179,853	241,283
	Secondary products.....	(X)	62,998	(X)	20716 pt.				
20240	Ice cream and ices.....	(X)	2,748	(X)	20722	Other chocolate and cocoa products.....	212,283	161,211	51,072
20730	Chewing gum.....	(X)	4,356	(X)	20728				
20999	Other food preparations, n.e.c.....	(X)	19,413	(X)	20998	Secondary products.....	(X)	5,589	(X)
	Other secondary products.....	(X)	436,481	(X)		Miscellaneous receipts, including resales.....	(X)	2,831	(X)
	Miscellaneous receipts.....	(X)	69,864	(X)					
	Contract and commission work....	(X)	1,276	(X)					

Note: Industries 2061, 2062, 2063, and 2073 are not shown in this table to avoid disclosing figures for individual companies. The publishable detail for these industries is shown in table 5A.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$7 million shipped by 2052, Biscuits, Crackers, and Pretzels.

²Includes \$41,283 for product codes 2071681-2071687, Confectionery type chocolate (made from purchased chocolate) which is also included with the "All industries, total" and "Other industries, total" from product class 20722.

³Includes \$5 million shipped by 2033, Canned Fruits, and Vegetables; and \$2 million shipped by 2087, Flavorings; and \$18 million shipped by 2099, Food Preparations, N.E.C. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies—2052, Biscuit, Crackers, and Pretzels; 2834, Pharmaceutical Preparations.

⁴Includes the following product classes which shipped \$2 million or more but were withheld to avoid disclosing figures for individual companies—20338, Jams, jellies, and preserves; 20522, Other "dry" bakery products, including ice cream cones; 20874, Other Flavoring Agents; 29061, Shortening and cooking oils.

⁵Includes \$3 million shipped by 2099, Food Preparations, N.E.C. In addition, the following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing figures for individual companies—2045, Blended and Prepared Flour.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2061- --	CANE SUGAR, EXCEPT CANE SUGAR REFINING, TOTAL.....	Short tons....	3,894,813	373,487	2,032,257	158,529
20610 11	Raw cane sugar.....	...do.....	2,027,950	324,680	1,139,850	139,430
20610 31	Other sugar cane mill products and byproducts:					
20610 52	Sugar for consumer use without further processing.....	...do.....	26,411	4,485	43,906	6,754
20610 71	Sugar cane sirup and molasses (except blackstrap).....	...do.....	22,540	2,565	87,749	5,994
20610 81	Blackstrap molasses (except refiners' blackstrap).....	...do.....	1,219,635	39,671	270,562	4,899
20610 81	Bagasse.....	...do.....	598,277	2,086	490,190	1,452
2062- --	REFINED CANE SUGAR AND BYPRODUCTS ¹.....	.....	(X)	1,254,958	(X)	996,186
20620 09	Refined cane sugar:					
20620 11	Granulated cane sugar:					
20620 13	Shipped in individual services (small paper packets).....	Short tons....	28,289	13,445	2,321,511	410,749
20620 15	Shipped in consumer units (cartons and sacks of 25 pounds or less).....	...do.....	2,000,696	430,923		
20620 21	Shipped in commercial units (bags and other containers more than 25 pounds).....	...do.....	1,333,753	268,944	1,572,297	257,930
20620 31	Shipped in bulk (rail cars, trucks, or bins).....	...do.....	899,663	180,021	392,026	64,071
20620 35	Cube and tablet sugar.....	...do.....	24,534	9,160	24,793	7,766
20620 41	Confectioners' powdered sugar:					
20620 45	Shipped in consumer units (containers of 10 pounds or less)...	...do.....	126,389	33,300	157,386	35,513
20620 53	Shipped in commercial units (containers of more than 10 pounds).....	...do.....	173,375	36,508	185,861	32,417
20620 56	Soft or brown sugar:					
20620 75	Shipped in consumer units (containers of 10 pounds or less)...	...do.....	101,650	27,543	94,464	20,886
20620 81	Shipped in commercial units (containers of more than 10 pounds).....	...do.....	89,025	18,377	82,483	13,865
20620 91	Liquid sugar or sugar sirup:					
20620 95	Sucrose type.....	Short tons of sugar solids.	637,700	131,440	604,723	101,865
20620 99	Invert and partially invert type.....	...do.....	472,734	96,629	265,944	44,577
20620 99	Other cane sugar refining products and byproducts, including refiners' blackstrap and sirup.....	Short tons....	239,832	8,668	225,585	6,547
2063- --	BEEF SUGAR AND BEEF SUGAR FACTORY BYPRODUCTS, TOTAL.....	.....	(X)	553,729	(X)	379,828
20630 09	Refined beef sugar.....	Short tons....	2,704,564	485,455	2,079,652	337,410
20630 11	Granulated beef sugar:					
20630 13	Shipped in individual services (small paper packets).....	...do.....	2804	2361	389,213	64,652
20630 15	Shipped in consumer units (cartons and sacks of 25 pounds or less).....	...do.....	453,332	84,360		
20630 21	Shipped in commercial units (bags and other containers more than 25 pounds).....	...do.....	1,113,618	196,030	1,066,264	172,151
20630 31	Shipped in bulk (rail cars, trucks, or bins).....	...do.....	828,427	144,692	390,966	61,950
20630 35	Cube and tablet sugar.....	...do.....	(²)	(²)	(³)	(³)
20630 41	Confectioners' powdered sugar:					
20630 45	Shipped in consumer units (containers of 10 pounds or less)...	...do.....	22,405	4,624	14,077	2,656
20630 51	Shipped in commercial units (containers of more than 10 pounds).....	...do.....	75,585	14,172	52,314	8,734
20630 55	Liquid sugar or sugar sirup:					
20630 59	Sucrose type.....	Short tons of sugar solids.	160,820	32,228	166,818	27,267
20630 63	Invert and partially invert type.....	...do.....	49,573	8,988		
20630 67	Other beef sugar factory products and byproducts.....	Short tons....	2,002,596	68,274	1,356,795	42,418
20630 71	Whole or straighthouse molasses:					
20630 75	Shipped for desugarization.....	...do.....	218,834	6,932	162,158	4,020
20630 79	Shipped for other uses.....	...do.....	154,019	5,915	99,973	2,733
20630 81	Discard molasses.....	...do.....	343,065	11,492	244,364	6,904
20630 83	Molasses beet pulp.....	...do.....	804,255	32,455	544,093	19,765
20630 85	Dried beet pulp, plain.....	...do.....	207,497	7,332	155,356	5,824
20630 87	Wet beet pulp (estimated dry weight basis).....	...do.....	274,926	4,148	150,841	3,172
2071- --	CANDY AND OTHER CONFECTIONERY PRODUCTS, TOTAL.....	1,000 pounds..	43,405,374	41,393,880	43,023,345	41,172,850
20711 31	Bar goods (except solid chocolate).....	...do.....	720,313	265,585	755,034	262,317
20712 01	5-cent and 10-cent specialties.....	...do.....	301,719	128,248	269,718	102,663
20713 41	Package goods (except solid chocolate).....	...do.....	1,134,713	480,286	887,763	386,898
20714 31	Bulk goods (except solid chocolate).....	...do.....	465,611	132,622	478,399	135,681
20715 11	Penny goods, including all goods other than bars retailing in units of 4 cents or less.....	...do.....	206,329	62,749	172,782	50,080

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2071- --	CANDY AND OTHER CONFECTIONERY PRODUCTS—Continued					
20716 --	Salted nuts and other confectionery-type products (cough drops, glaces, etc.).....	1,000 pounds..	4502,286	4293,959	4411,168	4216,352
20716 11	Salted, roasted, cooked, or blanched nuts sold in bulk.....	...do.....	117,614	59,843	90,607	41,785
20716 21	Cough drops, selling at retail for 10 cents or less per package.....	...do.....	38,298	22,508	41,897	22,545
20716 31	Canned nutmeats including peanuts.....	...do.....	99,970	66,412	62,851	41,507
20716 51	Other packaged nutmeats including peanuts.....	...do.....	137,484	81,960	136,341	75,180
20716 71	Glacé, candied and crystallized fruits and nuts.....	...do.....	43,736	18,446	31,583	13,391
20716 81-87	Confectionery-type chocolate (solid bars and other molded confections) made from purchased chocolate.....	...do.....	59,189	41,283	23,810	14,511
20716 00	Salted nuts and other confectionery-type products, n.s.k.....	...do.....	57,057	3,507	24,079	7,433
20710 00	Candy and other confectionery products, n.s.k.....	...do.....	574,403	30,431	548,481	18,859
2072- --	CHOCOLATE AND COCOA PRODUCTS, TOTAL.....	.. do.....	1,641,169	572,977	1,235,063	506,861
20721 --	Chocolate coatings.....	.. do.....	470,449	139,558	373,321	143,622
20721 12	Sweet.....	...do.....	100,250	31,801	100,151	42,147
20721 22	Milk.....	...do.....	223,525	72,223	156,414	66,750
20721 32	Liquor.....	...do.....	28,375	9,196	42,028	16,825
20721 52	Confectionery (cocoa) coatings, including ice cream coatings (made chiefly from cocoa powder and fat other than cocoa butter).....	...do.....	118,299	26,338	74,728	17,900
20722 --	Confectionery-type chocolate (solid bars and other molded confections), total.....	...do.....	423,799	221,136	276,643	156,350
20716 pt.	Made from purchased chocolate.....	...do.....	59,189	41,283	23,810	14,511
	Made by chocolate manufacturers.....	...do.....	364,610	179,853	252,833	141,839
20716 87	Molded chocolate confections, chocolate-type (made from cocoa and fats, other than coca butter).....	...do.....	9,711	5,774	10,730	6,818
20722 51	Bar goods:					
20716 81	Dark chocolate.....	...do.....	4,427	2,452	4,126	2,304
20722 32	Milk chocolate-plain.....	...do.....	91,570	45,366	67,697	38,192
20716 82	Milk chocolate-plain.....	...do.....	91,570	45,366	67,697	38,192
20722 35	Milk chocolate-with nuts.....	...do.....	185,446	93,605	99,419	58,542
20722 83	Milk chocolate-with nuts.....	...do.....	185,446	93,605	99,419	58,542
20722 37	Milk chocolate-with nuts.....	...do.....	185,446	93,605	99,419	58,542
20716 84	Package goods.....	...do.....	88,179	53,742	65,941	36,569
20722 42	Other (bulk, etc.).....	...do.....	44,466	20,197	28,730	13,925
20716 85	Molded confections, chocolate type.....	...do.....	9,711	5,774	10,730	6,818
20722 47	Molded confections, chocolate type.....	...do.....	9,711	5,774	10,730	6,818
20728 --	Other chocolate and cocoa products.....	...do.....	746,921	212,283	585,099	206,717
20998 --	Made by chocolate manufacturers.....	...do.....	552,734	161,211	(X)	156,628
	Made from purchased chocolate.....	...do.....	194,187	51,072	(X)	50,089
	Chocolate (except coatings) for baking, cooking, etc.:					
20998 11	Unsweetened.....	...do.....	63,754	30,101	12,890	9,008
20728 11	Unsweetened.....	...do.....	63,754	30,101	12,890	9,008
20998 21	Sweetened.....	...do.....	50,307	21,027	51,540	27,168
20728 21	Sweetened.....	...do.....	50,307	21,027	51,540	27,168
	Cocoa, powdered:					
	Unsweetened:					
20998 61	In cans or packages of 2-1/2 pounds or less.....	...do.....	139,153	34,277	113,962	43,059
20728 61	In cans or packages of 2-1/2 pounds or less.....	...do.....	139,153	34,277	113,962	43,059
20998 65	In other containers and in bulk (barrels, drums, bags, etc.).....	...do.....	139,153	34,277	113,962	43,059
20728 65	In other containers and in bulk (barrels, drums, bags, etc.).....	...do.....	139,153	34,277	113,962	43,059
	Sweetened or mixed with other substances:					
20988 71	In cans or packages of 2-1/2 pounds or less.....	...do.....	125,612	37,425	97,712	40,167
20728 71	In cans or packages of 2-1/2 pounds or less.....	...do.....	125,612	37,425	97,712	40,167
20998 75	In other containers and in bulk (barrels, drums, bags, etc.).....	...do.....	52,011	16,963	19,624	8,527
20728 75	In other containers and in bulk (barrels, drums, bags, etc.).....	...do.....	52,011	16,963	19,624	8,527
20728 81	Cocoa butter.....	...do.....	26,034	15,363	18,476	17,605
	Chocolate sirups:					
	Chocolate liquor base:					
20998 92	In cans or packages of 16 ounces or less.....	...do.....	12,805	4,327	44,665	14,354
20728 92	In cans or packages of 16 ounces or less.....	...do.....	12,805	4,327	44,665	14,354
20998 93	In other containers or in bulk.....	...do.....	65,431	14,658	33,947	9,457
20728 93	In other containers or in bulk.....	...do.....	65,431	14,658	33,947	9,457
	Cocoa powder base:					
20998 94	In cans or packages of 16 ounces or less.....	...do.....	189,601	31,772	169,757	29,584
20728 94	In cans or packages of 16 ounces or less.....	...do.....	189,601	31,772	169,757	29,584
20998 96	In other containers or in bulk.....	...do.....	189,601	31,772	169,757	29,584
20728 96	In other containers or in bulk.....	...do.....	189,601	31,772	169,757	29,584

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2072 --	CHOCOLATE AND COCOA PRODUCTS—Continued					
20728 --	} Other chocolate and cocoa products—Continued					
20998 --						
	Made from chocolate manufacturers—Continued					
20998 00	} Chocolate and cocoa products, n.s.k.....	1,000 pounds..	22,213	6,370	22,526	7,960
20728 00						
2073- --	CHEWING GUM AND CHEWING GUM BASE, TOTAL.....	...do.....	329,461	206,827	303,595	175,149
20730 11	Chewing gum, not medicated.....	...do.....	265,998	182,775	268,835	162,387
20730 15	Chewing gum base.....	...do.....	63,463	24,052	34,760	12,762

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.s.k. Not specified by kind.

¹For 1958, data for Alaska and Hawaii are not included.

²For 1963, data for code 2063020 are included with code 2063009 in order to avoid disclosing data for individual companies.

³Separate data for this product was not collected in 1958 and was reported in product codes 2063071-2063087.

⁴Excludes confectionery-type chocolate made by chocolate manufactures (see product class 20722).

⁵Quantity estimated based on the reported quantity-value relationship for other products of the product class or industry.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
206	Sugar.....1963..	102	131	207	Candy and related products—Continued		
	1958..	86	107				
2061	Cane sugar, except cane sugar refining.....1963 ¹ .	138	143	2071	Candy and other confectionery products—Continued		
	1958..	79	106				
2062	Refined cane sugar and by-products...1963 ² .	111	131	20715	Penny goods, except bars retailing in units of 4 cents or less.....1963..	130	114
	1958..	108	107		1958..	109	108
2063	Beet sugar and beet sugar factory byproducts.....1963..	172	116	20716	Salted nuts and other confectionery-type products, (cough drops, glaces, etc.).....1963..	153	121
	1958..	124	106		1958..	117	117
207	Candy and related products.....1963..	134	98	2072	Chocolate and cocoa products.....1963..	149	77
	1958..	111	103		1958..	110	97
2071	Candy and other confectionery products.....1963..	134	104	20721	Chocolate coatings.....1963..	138	72
	1958..	115	102		1958..	115	93
20711	Bar goods (except solid chocolate)1963..	109	106	20722	Confectionery-type chocolate (solid bars and other molded confections) made by chocolate manufacturers.....1963..	183	87
	1958..	114	100		1958..	128	100
20712	5-cent and 10-cent specialties...1963..	127	119	20728	Other chocolate and cocoa products.....1963..	139	73
	1958..	113	107		1958..	98	99
20713	Package goods (except solid chocolate).....1963..	170	95	2073	Chewing gum and chewing gum base....1963..	97	132
	1958..	133	98		1958..	91	119
20714	Bulk goods (except solid chocolate).....1963..	89	97				
	1958..	91	96				

¹Hawaiian operations have been included in the computations for the entire period, i.e. for 1954, 1958, and 1963. The sharp decline in 1958 production reflects the prolonged strike in Hawaii during the first half of 1958.

²Hawaii included in 1963 but excluded from 1958 and 1954.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
20610	Sugar cane mill products and byproducts:								
	Quantity.....short tons..	3,894,813	(NA)	(NA)	(NA)	(NA)	2,032,257	(NA)	(NA)
	Value.....\$1,000..	373,487	(225,864)	(217,423)	(192,346)	(179,630)	158,529	² 63,994	² 58,589
20620	Refined cane sugar and by-products	1,254,958	² 1,141,650	² 1,077,267	² 1,063,200	² 1,022,047	² 996,186	² 858,971	² 803,542
20630	Refined beet sugar and by-products.....do....	553,729	443,794	404,536	403,253	373,297	379,828	289,561	262,872
2071-	Confectionery products:								
	Quantity.....1,000 lbs..	3,405,374	(NA)	(NA)	(NA)	(NA)	3,023,345	(NA)	(NA)
	Value.....\$1,000..	1,393,880	1,353,913	1,311,928	1,276,346	1,223,466	1,172,850	982,501	978,366
20711	Bar goods (except solid chocolate bars):								
	Quantity.....1,000 lbs..	720,313	(NA)	(NA)	(NA)	(NA)	755,034	(NA)	(NA)
	Value.....\$1,000..	265,585	280,491	269,522	269,072	265,379	262,317	230,205	296,167
20712	5¢ and 10¢ specialties:								
	Quantity.....1,000 lbs..	301,719	(NA)	(NA)	(NA)	(NA)	269,718	(NA)	(NA)
	Value.....\$1,000..	128,248	143,863	142,056	125,445	112,043	102,663	85,065	72,096
20713	Package goods (except solid chocolate):								
	Quantity.....1,000 lbs..	1,134,713	(NA)	(NA)	(NA)	(NA)	887,763	(NA)	(NA)
	Value.....\$1,000..	480,286	451,827	437,143	429,940	411,280	386,898	297,532	227,840
20714	Bulk goods (except solid chocolate):								
	Quantity.....1,000 lbs..	465,611	(NA)	(NA)	(NA)	(NA)	478,399	(NA)	(NA)
	Value.....\$1,000..	132,622	148,527	150,216	141,674	133,340	135,681	154,686	177,957
20715	Penny goods:								
	Quantity.....1,000 lbs..	206,329	(NA)	(NA)	(NA)	(NA)	172,782	(NA)	(NA)
	Value.....\$1,000..	62,749	49,264	49,547	49,098	46,730	50,080	42,563	22,242
20716	Salted nuts and other confectionery-type products:								
	Quantity.....1,000 lbs..	502,286	(NA)	(NA)	(NA)	(NA)	411,168	(NA)	(NA)
	Value.....\$1,000..	293,959	252,283	239,352	226,108	231,791	216,352	147,285	140,573
20710	Confectionery products, n.s.k.:								
	Quantity.....1,000 lbs..	74,403	(NA)	(NA)	(NA)	(NA)	48,481	(NA)	(NA)
	Value.....\$1,000..	30,431	(27,658)	(24,092)	(35,009)	(22,903)	18,859	25,165	41,491
2072-	Chocolate and cocoa products: ³								
	Quantity.....1,000 lbs..	1,387,793	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	480,622	462,067	449,541	450,701	444,266	442,261	471,965	349,511
20721	Chocolate coatings:								
	Quantity.....1,000 lbs..	470,449	(NA)	(NA)	(NA)	(NA)	373,321	289,744	423,290
	Value.....\$1,000..	139,558	132,931	128,309	135,669	131,695	143,622	131,014	150,796
20722	Confectionery-type chocolate, made from cocoa beans: ³								
	Quantity.....1,000 lbs..	364,610	(NA)	(NA)	(NA)	(NA)	252,833	(NA)	(NA)
	Value.....\$1,000..	179,853	181,492	172,808	158,226	149,386	141,839	(NA)	(NA)
20728	Other chocolate and cocoa products, made from cocoa beans (see also code 20998): ³								
	Quantity.....1,000 lbs..	552,734	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	161,211	147,644	148,424	156,806	163,185	156,800	(NA)	(NA)
20730	Chewing gum and chewing gum base:								
	Quantity.....1,000 lbs..	329,461	(NA)	(NA)	(NA)	(NA)	303,595	282,216	(NA)
	Value.....\$1,000..	206,827	183,002	178,325	176,845	172,679	175,149	153,524	150,900

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Excludes data for Alaska and Hawaii.

³Data for all years excludes confectionery-type chocolate and other chocolate and cocoa products not made in chocolate plants.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
BAR GOODS (EXCEPT SOLID CHOCOLATE BARS) (20711)			PACKAGED GOODS (EXCEPT SOLID CHOCOLATE) (20713)—Continued			PENNY GOODS (20715)		
United States, total.....	265,585	262,317	South Atlantic.....	23,387	19,712	United States, total.....	62,749	50,080
New England.....	21,000	31,085	Maryland.....	1,776	(Z)	New England.....	7,674	3,398
Middle Atlantic.....	56,958	40,246	Virginia.....	3,475	2,533	Middle Atlantic.....	24,727	21,346
Pennsylvania.....	35,331	26,837	Georgia.....	15,455	12,203	New York.....	6,116	6,209
East North Central.....	129,885	138,067	East South Central.....	10,426	8,495	New Jersey.....	13,478	10,316
Illinois.....	115,791	127,125	Tennessee.....	9,856	7,169	Pennsylvania.....	5,133	4,821
West North Central.....	11,727	10,220	West South Central.....	22,810	12,195	North Central.....	17,192	13,685
Missouri.....	2,668	(Z)	Texas.....	18,085	10,358	Ohio.....	2,198	1,560
South.....	27,075	27,068	Mountain.....	9,334	6,392	Michigan.....	10,468	10,561
Texas.....	7,115	(²)	Pacific.....	39,477	38,244	Wisconsin.....	1,413	1,287
West.....	18,940	(²)	Washington.....	8,138	5,308	South.....	8,487	8,367
California.....	16,829	(²)	Oregon.....	1,269	(Z)	Georgia.....	2,763	2,204
			California.....	29,716	32,348	West.....	4,669	(Z)
5¢ AND 10¢ SPECIALTIES (20712)			BULK GOODS (EXCEPT SOLID CHOCOLATE) (20714)			SALTED NUTS AND OTHER CONFECTIONERY TYPE PRODUCTS (20716)		
United States, total.....	128,248	102,663	United States, total.....	132,622	135,681	United States, total.....	293,959	216,352
New England.....	10,173	7,295	New England.....	13,800	12,643	New England.....	7,868	7,484
Massachusetts.....	10,173	(²)	Massachusetts.....	12,885	(²)	Massachusetts.....	6,594	(²)
Middle Atlantic.....	58,337	54,528	Middle Atlantic.....	29,416	33,212	Connecticut.....	1,049	(²)
New Jersey.....	25,019	21,495	New York.....	8,324	16,175	Middle Atlantic.....	72,910	48,258
North Central.....	42,258	(²)	New Jersey.....	4,874	5,445	New York.....	25,622	15,465
Illinois.....	37,101	26,158	Pennsylvania.....	16,218	11,592	New Jersey.....	19,076	8,674
Wisconsin.....	2,520	2,331	East North Central.....	52,951	53,566	Pennsylvania.....	28,212	24,119
South.....	9,118	(²)	Ohio.....	4,253	4,727	East North Central.....	38,366	37,455
West.....	8,362	(²)	Indiana.....	1,329	(Z)	Ohio.....	10,577	6,803
PACKAGED GOODS (EXCEPT SOLID CHOCOLATE) (20713)			Illinois.....	45,112	45,703	Illinois.....	16,020	19,144
United States, total.....	480,286	386,898	Wisconsin.....	1,756	1,879	Michigan.....	3,634	2,142
New England.....	56,406	46,459	West North Central.....	8,201	7,898	West North Central.....	29,263	16,817
Massachusetts.....	49,809	41,359	Minnesota.....	2,831	4,356	Missouri.....	5,110	(²)
Middle Atlantic.....	145,764	125,791	Missouri.....	3,634	2,086	South Atlantic.....	78,366	61,204
New York.....	60,915	53,830	South Atlantic.....	3,834	5,004	Maryland.....	2,523	3,243
New Jersey.....	27,606	23,708	Maryland.....	1,468	1,310	Georgia.....	13,101	6,455
Pennsylvania.....	57,243	48,253	Georgia.....	1,275	1,526	Florida.....	4,300	1,993
East North Central.....	142,211	105,407	East South Central.....	2,172	4,896	East South Central.....	9,465	3,404
Ohio.....	14,185	12,810	West South Central.....	2,703	4,511	West South Central.....	8,744	9,606
Illinois.....	101,261	81,861	Mountain.....	2,249	1,749	Mountain.....	1,615	1,334
Wisconsin.....	4,621	4,688	Utah.....	1,760	(Z)	Pacific.....	47,362	30,790
West North Central.....	30,471	24,203	Pacific.....	17,296	12,202	Oregon.....	7,102	3,199
Minnesota.....	5,176	2,453	Washington.....	1,421	2,183	California.....	37,430	27,061
Missouri.....	9,128	6,223	California.....	15,787	9,797			

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20711- Massachusetts, Connecticut, New York, New Jersey, Indiana, Wisconsin, Minnesota, South Dakota, Virginia, North Carolina, Georgia, Alabama, Louisiana, and Washington; 20712- New York, Pennsylvania, Ohio, Georgia, Tennessee, and California; 20713- Rhode Island, Connecticut, Indiana, Michigan, Iowa, Nebraska, Kansas, South Carolina, Louisiana, Oklahoma, Colorado, and Utah; 20714- Tennessee, Oklahoma, and Texas; 20715- Massachusetts, Minnesota, Missouri, North Carolina, Colorado, and California; 20716- Indiana, Wisconsin, Minnesota, Iowa, Virginia, North Carolina, Kentucky, Alabama, Mississippi, Oklahoma, Texas, and Hawaii.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958		
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	
			INDUSTRY 2061.—RAW CANE SUGAR				
	Materials, containers, and supplies, total.....	.....	(X)	243,405	(X)	(NA)
011981	Sugar cane.....	Short tons.....	22,495,525	231,216	(NA)	(NA)	
206101	Raw cane sugar (convert to 96 ⁰ basis).....	.....	(X)	(¹)	(X)	(NA)
970099	All other materials, parts, containers, and supplies consumed.....	.....	(X)	12,189	(X)	(NA)
			INDUSTRY 2062.—CANE SUGAR REFINING				
	Materials, containers, and supplies, total.....	.....	(X)	1,022,153	(X)	795,809
011981	Sugar cane.....	.....	(X)	(¹)	(X)	(¹)
206101	Raw cane sugar (convert to 96 ⁰ basis).....	Short tons.....	6,200,301	960,160	6,027,122	743,100	
260091	Paper and paperboard containers and shipping sacks.....	.....do.....	80,228	26,159	}	(X)
970099	All other materials, parts, containers, and supplies consumed.....	(X)	35,834			52,709
			INDUSTRY 2063.—BEET SUGAR				
	Materials, containers, and supplies, total.....	.....	(X)	342,518	(X)	228,978
011971	Sugar beets.....	Short tons.....	21,104,295	294,286	}	(X)	
260091	Paper and paperboard containers and shipping sacks.....do.....	22,426	7,311			15,601,714
970099	All other materials, parts, containers, and supplies consumed.....	(X)	40,921			41,069
			INDUSTRY 2071.—CONFECTIONERY PRODUCTS				
	Materials, containers, and supplies, total.....	.....	(X)	765,733	(X)	675,500
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	12,718,234	129,321	12,346,369	112,462	
207211	Chocolate coatings, including cocoa powder composition coatings....	.....do.....	3,095,784	101,989	2,862,777	111,010
012283	Cocoa beans.....	.....do.....	246,967	6,449	}	121,976
010012	Nuts in shells, including peanuts.....	1,000 lbs.....	254,984	45,450			5,310
207163	Nut meats, including peanuts(purchased as such).....	.....do.....	364,063	109,851	}	(X)
265015	Paperboard containers and converted flexible packaging materials....	(X)	115,240			446,718
970099	All other materials, containers, and supplies consumed.....	(X)	219,307			
976000	Materials, containers, and supplies, n.s.k.....	(X)	38,126			
			INDUSTRY 2072.—CHOCOLATE AND COCOA PRODUCTS				
	Materials, containers, and supplies, total.....	.....	(X)	297,980	(X)	314,715
206011	Sugar (cane and beet) in terms of sugar solid.....	Cwt.....	5,131,784	52,774	4,277,046	37,899	
012283	Cocoa beans.....	.....do.....	5,782,344	132,964	4,440,389	180,284
207211	Chocolate coatings, including cocoa powder composition coatings....	.....do.....	37,907	1,514	}	(X)
010012	Nuts in shells, including peanuts.....	1,000 lbs.....	1,985	609			96,532
207163	Nut meats, including peanuts (purchased as such).....	1,000 lbs.....	30,151	14,066			
265015	Paperboard containers and converted flexible packaging materials....	(X)	25,979			
970099	All other materials, containers, and supplies consumed.....	.....	(X)	70,074		
			INDUSTRY 2073.—CHEWING GUM				
	Materials, containers, and supplies, total.....	.....	(X)	86,308	(X)	71,785
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	1,450,925	14,315	1,479,180	12,932	
265015	Paperboard containers and converted flexible packaging materials....	.....	(X)	10,256	}	(X)
970099	All other materials, containers, and supplies consumed.....	(X)	61,737			58,853

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not applicable.

n.s.k. Not specified by kind.

¹Included with "All other materials" code 970099.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Raw cane sugar (SIC 2061)	Cane sugar refining (SIC 2062)	Beet sugar (SIC 2063)	Confectionery products (SIC 2071)	Chocolate and cocoa products (SIC 2072)	Chewing gum (SIC 2073)
Total cost of purchased fuels and electric energy.....\$1,000..	4,252	12,034	19,894	11,743	4,020	898
Total cost of purchased fuels.....do....	2,520	11,570	19,038	5,000	1,951	301
Bituminous coal, lignite, and anthracite:						
Quantity.....1,000 short tons..	(S)	261	988	74	139	(S)
Cost.....\$1,000..	(S)	2,627	6,776	539	1,280	(S)
Coke and breeze:						
Quantity.....1,000 short tons..	-	-	55	-	-	-
Cost.....\$1,000..	-	-	1,473	-	-	-
Fuel oil (distillate and residual):						
Quantity.....1,000 barrels of 42 gallons..	356	1,504	451	504	112	46
Cost.....\$1,000..	1,108	3,531	1,174	1,599	354	127
Gas (natural, manufactured, still, blast furnace, and coke oven):						
Quantity.....million cu.ft..	3,937	18,907	26,007	3,718	382	(S)
Cost.....\$1,000..	1,158	5,410	9,585	2,020	224	(S)
Other fuels.....do....	234	(S)	(S)	842	93	(S)
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	130	26	65	468	180	41
Cost.....\$1,000..	1,732	464	856	6,743	2,069	597
Generated less sold.....million kw.-hrs..	239	358	279	10	(S)	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	366	185	281	239	149	23
Prime movers, total.....do....	290	167	229	29	44	4
Driving generators.....do....	152	141	179	10	38	2
Not driving generators.....do....	138	26	50	19	6	2
Electric motors, total.....do....	156	175	243	216	141	20
Driven by purchased energy.....do....	77	18	51	210	105	19
Driven by enrgy generated at establishment.....do....	79	157	192	6	36	(Z)
Aggregate horsepower per 100 production workers.....	6,747	1,859	2,901	451	2,144	620

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equip- ment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2071	CONFECTIONERY PRODUCTS										
	Entire industry.....	1,211	63,643	269,680	52,724	102,402	193,028	635,393	824,052	1,454,512	28,094
	Establishments with—										
	90% or more specialization...	1,141	56,803	243,055	47,152	91,820	174,476	568,175	717,149	1,280,786	25,213
	75-89% specialization.....	26	3,199	10,945	2,762	5,175	8,357	27,786	53,429	81,260	1,527
20711	Bar goods (except solid chocolate bars) (primary product class of estab.).....	48	9,861	45,744	8,161	16,113	32,998	119,607	168,094	287,367	4,974
	Establishments with—										
	90% or more specialization....	21	4,103	21,438	3,176	6,161	14,536	54,533	86,734	141,106	2,286
	75-89% specialization.....	11	2,546	11,112	2,269	4,564	8,968	31,373	33,400	65,060	767
20712	5¢ and 10¢ specialties.....	33	4,413	23,739	3,564	7,363	16,270	75,989	67,418	142,564	2,725
20713	Package goods (except solid chocolate) (primary product class of estab.).....	456	29,567	123,536	24,378	46,613	87,670	258,387	292,320	548,723	10,765
	Establishments with—										
	90% or more specialization....	257	8,766	35,171	7,378	13,995	25,698	76,287	83,009	159,687	2,295
	75-89% specialization.....	68	8,391	31,699	7,198	13,509	24,250	63,841	74,048	137,214	1,964
20714	Bulk goods (except chocolate) (primary product class of estab.).....	125	4,180	17,326	3,631	7,232	13,567	33,079	47,183	79,833	1,306
	Establishments with—										
	90% or more specialization....	58	805	2,926	685	1,319	2,326	4,999	7,687	12,781	239
	75-89% specialization.....	19	1,084	4,865	953	1,828	3,828	9,260	13,120	22,184	545
20715	Penny goods (primary product class of estab.).....	30	4,597	18,907	3,893	7,455	13,493	42,983	40,871	83,568	1,840
	Establishments with—										
	90% or more specialization....	5	356	1,325	267	526	858	3,339	2,999	6,263	55
20716	Salted nuts and other confectionery type products (primary product class of estab.).....	222	9,127	34,421	7,582	14,742	24,459	89,266	191,586	279,985	5,622
	Establishments with—										
	90% or more specialization....	156	4,578	17,603	3,796	7,590	12,134	43,105	108,715	151,548	3,079
	75-89% specialization.....	26	829	3,471	647	1,198	2,324	7,473	15,025	23,000	467
2072	CHOCOLATE AND COCOA PRODUCTS										
	Entire industry.....	28	8,743	49,305	6,952	13,964	35,936	184,796	302,662	479,085	8,371
20721	Chocolate coatings.....	14	1,450	8,491	1,098	2,442	5,465	23,293	77,639	99,312	1,669
	Establishments with—										
	90% or more specialization....	4	360	1,802	299	669	1,397	4,600	14,149	17,596	632
	75-89% specialization.....	4	405	2,613	324	791	1,722	7,576	31,528	38,432	383

BEVERAGES

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2082—Malt Liquors
- 2083—Malt
- 2084—Wines, Brandy, and Brandy Spirits
- 2085—Distilled, Rectified, and Blended Liquors
- 2086—Bottled and Canned Soft Drinks and Carbonated Waters
- 2087—Flavoring Extracts and Flavoring Sirups, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

Shipments of each of these industries in 1963 and 1958 consisted almost entirely of the primary products of each of the particular industries; with the exception of flavoring extracts, only negligible amounts of these products were produced in other industries. The high primary product specialization and coverage ratios for each of the five industries included in this report indicates an unusually close relationship between the industry data shown in tables 1 to 4 and the product statistics shown in table 6A. (Definitions of the primary product specialization and coverage ratios are provided in table 5A).

2082—MALT LIQUORS

This industry comprises establishments primarily engaged in manufacturing all kinds of malt liquors. Establishments primarily engaged in bottling purchased malt liquors are classified in trade industries. For a detailed list of primary products of industry 2082, refer to table 6A, product codes 2082014 to 2082000.

The production index for the primary products of the industry increased to 119 in 1963 from the 1958 level of 105. The unit value index for 1963 was 93 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2083—MALT

This industry comprises establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains. For a detailed list of primary products of this industry, refer to table 6A, product codes 2083015 to 2083000.

The production index for the primary products of the industry increased to 105 in 1963 from the 1958 level of 100. The unit value index for 1963 was 90 compared to 96 in 1958. Both indexes were computed on a basis of 1954 = 100.

2084—WINES, BRANDY, AND BRANDY SPIRITS

This industry comprises establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy and brandy spirits, but which do not manufacture wines and brandy are classified in trade industries. For a detailed list of primary products of industry 2084, refer to table 6A, product codes 2084011 to 2084000.

The value of shipments and cost of materials data for industry 2084 contain a considerable amount of duplication, which arises from the transfer of wine between establishments within the industry. Both finished and unfinished wines are shipped from wineries "in bond" to establishments which age, blend, clarify, bottle or otherwise process the product, pay the Federal tax and ship the finished wine to dealers. The quantity and value of a given lot of wine may therefore be reported in the census by two or more establishments, first in bond and later as tax paid.

Manufacturers and others processing wines and brandy are licensed by the Internal Revenue Service as wineries, fruit distilleries, bonded wine storerooms, bonded field warehouses, and rectifying plants. Frequently, however, two or more licensed premises are under the same ownership at the same location, but are counted in the census as one establishment. A substantial number of the establishments holding licenses are located on farms, had no employees, are primarily engaged in nonmanufacturing activities, or for other reasons are outside the scope of the census of manufactures. Consequently, the number of licensed premises shown in the annual reports of the Commissioner of Internal Revenue is considerably larger than the number of establishments shown in this report. Comparison with Internal Revenue Service production figures indicates that establishments not included in the census of manufactures accounted for a substantial proportion of the total output of wines and brandies.

The production index for the primary products of the industry increased to 180 in 1963 from the 1958 level of 143. The unit value index for 1963 was 113 compared to 103 in 1958. Both indexes were computed on a basis of 1954 = 100.

2085—DISTILLED, RECTIFIED, AND BLENDED LIQUORS

This industry comprises establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes, or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in industry 2818, and those only bottling purchased liquors in trade industries. For a detailed list of primary products of industry 2085, refer to table 6A, product codes 2085111 to 2085000.

There is some duplication in the value of shipments and cost of materials figures for industry 2085. Some of the products of distillers (chiefly spirits) are used, in the same year in which produced, as raw materials of rectifying and bottling plants and therefore are included in the value of shipments more than once.

Manufacturers and bottlers of alcoholic beverages are licensed by the Internal Revenue Service as registered distilleries, tax paid bottling houses, rectifying plants, and bonded warehouses. Frequently two or more of the premises licensed by the Internal Revenue Service are under the same ownership at the same location, but are counted in the census

of manufactures as one establishment. Other establishments licensed by the Internal Revenue Service are primarily engaged in nonmanufacturing activities and are, therefore, classified in trade industries. For these reasons, the number of licensed premises shown in the annual reports of the Commissioner of Internal Revenue is considerably larger than the number of establishments classified in this industry in the census of manufactures. Comparison with Internal Revenue Service production figures indicates, however, that establishments included in the census of manufactures accounted for a very high proportion of the total output of distilled liquors.

The production index for the primary products of the industry increased to 138 in 1963 from the 1958 level of 115. The unit value index for 1963 was 100 compared to 101 in 1958. Both indexes were computed on a basis of 1954 = 100.

2086—BOTTLED AND CANNED SOFT DRINKS AND CARBONATED WATERS

This industry comprises establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in industry 2033; fruit sirups for flavoring, in industry 2087; and cider, in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in trade industries. For a detailed list of primary products of industry 2086, refer to table 6A, product codes 20860X1 to 2086000.

For the most part, the value of shipments figures for industry 2086 represent delivered value rather than value f.o.b. plant, since most of the manufacturers operate their own delivery services. This fact is reflected in the large number of "other workers," which includes delivery personnel, in relation to the total number of employees, as shown in tables 1 to 3.

The production index for the primary products of the industry increased to 147 in 1963 from the 1958 level of 115. The unit value index for 1963 was 134 compared to 112 in 1958. Both indexes were computed on a basis of 1954 = 100.

2087—FLAVORING EXTRACTS AND FLAVORING SIRUPS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices, n.e.c., for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in industry 2072; and mixed or blended sweetening sirup and molasses, in industry 2099. For a detailed list of primary products of industry 2087, refer to table 6A, product codes 2087111 to 2087000.

The production index for the primary products of the industry increased to 158 in 1963 from the 1958 level of 114. The unit value index for 1963 was 107 compared to 101 in 1958. Both indexes were computed on a basis of 1954 = 100.

BEVERAGES: SIC 208 Value Added by Manufacture by State: 1963

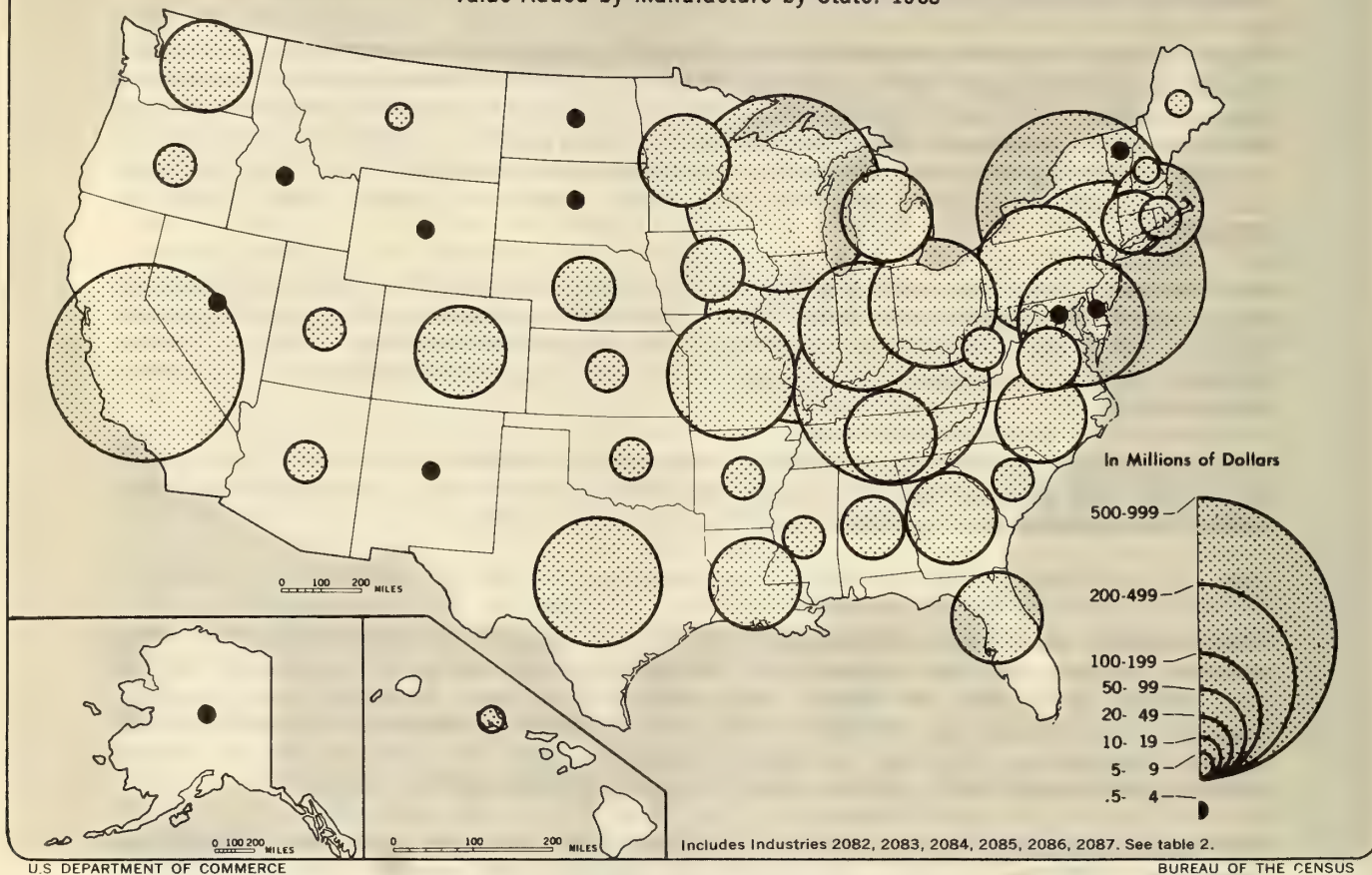


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ialization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2082.—MALT LIQUORS ¹														
1963 ²	171	222	180	62,643	470,823	42,679	81,901	302,270	1,286,036	1,030,707	2,315,068	86,217	100	100
1962*.....	(NA)	(NA)	(AA)	66,004	476,758	44,799	85,961	304,751	1,270,548	1,014,990	2,281,993	84,603	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	68,187	466,526	46,222	87,547	297,706	1,246,672	955,448	2,200,020	89,887	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	69,838	461,698	47,687	90,040	296,833	1,248,332	931,719	2,179,496	75,919	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	70,943	461,140	48,018	91,869	292,586	1,200,288	893,736	2,095,362	64,448	(NA)	(NA)
1958.....	211	262	228	71,723	443,337	48,029	91,742	280,070	1,116,703	870,403	1,982,664	72,895	100	100
1957*.....	(NA)	(NA)	(NA)	77,401	445,361	51,185	99,140	283,149	1,216,469	842,865	2,057,937	60,028	99	100
1956*.....	(NA)	(NA)	(NA)	79,418	450,832	52,666	103,428	281,515	1,202,592	810,619	2,011,231	67,653	(NA)	(NA)
1955*.....	(NA)	(NA)	(NA)	80,409	436,388	53,705	105,282	272,973	1,172,155	773,715	1,941,603	(NA)	(NA)	(NA)
1954.....	263	301	266	81,346	420,546	53,698	105,923	261,497	1,106,303	766,103	1,870,769	114,534	100	100
1953*.....	(NA)	(NA)	(NA)	84,849	425,492	61,537	123,408	293,708	1,153,004	799,582	1,952,586	(NA)	(NA)	(NA)
1952*.....	(NA)	(NA)	(NA)	81,170	376,126	59,318	119,507	259,750	1,034,626	742,461	1,777,087	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	82,017	359,147	59,414	121,267	243,152	939,399	679,475	1,618,874	(NA)	(NA)	(NA)
1950*.....	(NA)	(NA)	(NA)	81,155	332,931	58,054	117,882	219,445	937,463	612,058	1,549,521	(NA)	(NA)	(NA)
1949*.....	(NA)	(NA)	(NA)	78,704	314,904	57,878	119,554	212,188	926,540	577,184	1,503,724	(NA)	(NA)	(NA)
1947.....	404	440	(NA)	82,534	292,405	63,668	142,001	210,228	807,177	508,908	1,316,085	(NA)	100	99
1939.....	(NA)	605	(NA)	^a 61,185	^a 122,265	^a 36,088	(NA)	^a 62,231	363,180	162,897	526,077	(NA)	(NA)	(NA)
1937.....	(NA)	633	(NA)	^a 77,409	^a 105,400	^a 17,037	(NA)	^a 79,275	335,188	201,917	537,105	(NA)	(NA)	(NA)
1935.....	(NA)	666	(NA)	47,725	82,839	31,169	(NA)	60,615	280,112	139,918	420,030	(NA)	(NA)	(NA)
1933 ⁴ ⁵	(NA)	525	(NA)	29,454	41,780	23,501	(NA)	33,480	153,767	76,194	229,961	(NA)	(NA)	(NA)
1921.....	(NA)	531	(NA)	22,872	41,519	18,551	(NA)	29,366	^a 67,034	55,016	^a 122,050	(NA)	(NA)	(NA)
1919.....	(NA)	729	(NA)	43,486	68,071	34,259	(NA)	45,170	^a 285,112	94,793	^a 379,905	(NA)	(NA)	(NA)
1914 ⁷	(NA)	1,204	(NA)	(NA)	(NA)	62,026	(NA)	53,244	^a 250,319	129,681	^a 380,000	(NA)	(NA)	(NA)
1909.....	(NA)	1,414	(NA)	66,086	64,010	54,579	(NA)	41,206	^a 278,134	96,596	^a 374,730	(NA)	(NA)	(NA)
1904.....	(NA)	1,530	(NA)	57,192	51,857	48,137	(NA)	34,540	^a 223,439	74,907	^a 298,346	(NA)	(NA)	(NA)
1899.....	(NA)	1,507	(NA)	46,605	38,815	39,459	(NA)	25,776	^a 185,317	51,598	^a 236,915	(NA)	(NA)	(NA)
INDUSTRY 2083.—MALT														
1963.....	29	42	31	1,925	15,084	1,456	2,983	10,839	43,979	131,479	183,515	3,002	100	95
1962*.....	(NA)	(NA)	(NA)	2,311	17,102	1,659	3,294	11,608	48,557	149,298	190,834	1,651	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	2,542	18,456	1,774	3,480	12,247	31,917	164,863	207,456	4,261	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	2,705	19,214	1,995	3,990	13,066	40,048	155,755	205,484	5,575	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	2,471	17,155	1,814	3,560	11,508	51,251	153,169	203,264	7,707	(NA)	(NA)
1958.....	32	46	34	2,404	16,338	1,802	3,556	10,910	55,087	137,977	195,327	3,131	100	98
1954.....	35	45	34	2,603	14,627	2,036	4,096	10,167	50,312	154,831	203,614	3,257	100	100
1952*.....	(NA)	(NA)	(NA)	2,448	11,361	1,989	4,078	7,994	48,218	177,962	225,531	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	2,589	14,169	2,068	4,248	8,015	48,258	182,827	230,436	(NA)	(NA)	(NA)
1950*.....	(NA)	(NA)	(NA)	2,455	9,669	2,014	4,209	7,335	42,226	171,128	212,805	(NA)	(NA)	(NA)
1947.....	41	53	(NA)	2,524	9,550	2,069	4,466	6,896	53,885	202,995	256,230	(NA)	100	100
1939.....	(NA)	52	(NA)	1,902	4,137	1,459	(NA)	2,593	39,296	58,479	(NA)	(NA)	(NA)	(NA)
1937.....	(NA)	56	(NA)	1,964	4,267	1,644	(NA)	2,923	18,512	76,118	94,630	(NA)	(NA)	(NA)
1935 ⁴	(NA)	54	(NA)	1,717	3,581	1,439	(NA)	2,348	18,706	56,412	75,118	(NA)	(NA)	(NA)
1933.....	(NA)	30	(NA)	1,000	1,563	848	(NA)	1,283	7,261	20,662	27,923	(NA)	(NA)	(NA)
1931.....	(NA)	27	(NA)	(NA)	(NA)	540	(NA)	866	5,322	13,920	19,242	(NA)	(NA)	(NA)
1929.....	(NA)	28	(NA)	741	1,670	590	(NA)	1,057	4,679	18,924	23,603	(NA)	(NA)	(NA)
1927.....	(NA)	23	(NA)	624	1,356	500	(NA)	904	3,087	17,187	20,274	(NA)	(NA)	(NA)
1925.....	(NA)	23	(NA)	695	1,381	568	(NA)	903	4,083	19,986	24,069	(NA)	(NA)	(NA)
1923.....	(NA)	22	(NA)	665	1,222	487	(NA)	742	3,277	13,154	16,431	(NA)	(NA)	(NA)
1921.....	(NA)	26	(NA)	800	1,602	616	(NA)	924	3,547	17,458	21,005	(NA)	(NA)	(NA)
1919.....	(NA)	55	(NA)	1,705	2,863	1,352	(NA)	1,845	7,727	31,613	39,340	(NA)	(NA)	(NA)
1914.....	(NA)	97	(NA)	2,471	3,131	1,989	(NA)	1,828	8,934	39,199	48,133	(NA)	(NA)	(NA)
1909.....	(NA)	114	(NA)	2,185	2,232	1,760	(NA)	1,348	7,788	30,464	38,252	(NA)	(NA)	(NA)
1904.....	(NA)	141	(NA)	2,498	2,204	2,054	(NA)	1,457	6,668	23,621	30,289	(NA)	(NA)	(NA)
1899.....	(NA)	146	(NA)	2,280	1,654	1,990	(NA)	1,183	4,557	14,817	19,374	(NA)	(NA)	(NA)
INDUSTRY 2084.—WINES AND BRANDY														
1963.....	194	222	70	6,111	35,051	4,176	8,403	20,523	137,281	^a 228,654	^a 368,281	7,303	98	99
1962*.....	(NA)	(NA)	(NA)	(5,438)	(33,463)	(3,746)	(7,832)	(18,445)	(128,584)	^a (201,934)	^a (337,689)	(9,985)	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	(5,195)	(31,614)	(3,526)	(7,322)	(17,184)	(120,801)	^a (179,512)	^a (304,528)	(6,673)	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	(5,318)	(29,619)	(3,700)	(7,257)	(16,577)	(105,977)	^a (170,422)	^a (279,337)	(5,066)	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	5,335	28,757	3,743	7,549	16,355	107,016	^a 178,650	^a 281,587	4,778	(NA)	(NA)
1958.....	216	239	73	5,941	29,029	4,319	8,638	17,659	114,242	^a 160,358	^a 263,963	7,921	98	97
1957*.....	(NA)	(NA)	(NA)	6,109	27,403	4,528	8,987	16,565	115,991	(^a)	(^a)	4,670	(NA)	(NA)
1956*.....	(NA)	(NA)	(NA)	6,003	25,494	4,388	8,885	15,185	113,347	(^a)	(^a)	3,351	(NA)	(NA)
1954.....	244	262	66	5,724	23,258	4,328	8,393	13,749	100,394	(^a)	(^a)	2,216	(¹⁰)	96
1947.....	379	418	(NA)	7,697	21,896	5,824	11,717	13,681	95,015	(^a)	(^a)	(NA)	(¹⁰)	100
1939.....	(NA)	348	(NA)	(NA)	(NA)	2,337	(NA)	2,272	15,020	(^a)	(^a)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2085.—DISTILLED LIQUOR, EXCEPT BRANDY														
1963.....	70	107	89	18,009	110,217	14,343	28,138	80,244	623,736	466,908	11,090,462	15,480	98	99
1962*.....	(NA)	(NA)	(NA)	18,670	113,344	14,482	30,596	80,432	464,515	483,286	11,945,961	19,752	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	19,016	110,340	14,879	31,325	77,954	464,495	475,462	11,937,937	14,495	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	20,166	109,951	15,901	33,482	79,088	463,470	464,723	11,927,082	15,917	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	20,277	106,793	16,303	33,082	78,249	487,551	478,336	11,959,221	11,614	(NA)	(NA)
1958.....	88	122	91	20,528	102,619	16,629	32,207	73,870	458,151	482,841	11,941,312	9,908	98	100
1957*.....	(NA)	(NA)	(NA)	20,858	99,807	16,378	32,124	71,877	443,669	415,717	11,867,176	11,738	98	100
1956*.....	(NA)	(NA)	(NA)	21,928	100,311	17,619	34,083	73,576	454,665	449,087	11,858,072	9,780	(NA)	(NA)
1955*.....	(NA)	(NA)	(NA)	20,609	90,645	16,520	31,470	65,931	414,660	399,937	11,783,427	7,865	(NA)	(NA)
1954.....	98	133	97	21,505	89,367	17,117	32,892	65,504	338,403	388,739	11,754,643	8,863	99	100
1953*.....	(NA)	(NA)	(NA)	21,396	86,383	17,164	33,332	62,148	388,880	512,963	11,901,843	(NA)	(NA)	(NA)
1952*.....	(NA)	(NA)	(NA)	18,993	80,834	14,984	31,415	56,264	351,419	413,628	11,765,047	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	22,754	94,577	17,785	39,409	67,886	412,881	529,608	11,942,489	(NA)	(NA)	(NA)
1950*.....	(NA)	(NA)	(NA)	23,754	81,755	19,237	38,777	60,543	453,507	508,984	11,962,491	(NA)	(NA)	(NA)
1949*.....	(NA)	(NA)	(NA)	22,743	74,769	17,741	36,355	52,386	403,655	445,200	11,848,855	(NA)	(NA)	(NA)
1947.....	144	226	(NA)	30,422	80,498	25,740	52,014	61,825	472,357	397,878	11,870,235	(NA)	99	99
1939.....	(NA)	236	(NA)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(11,12)	(NA)	(NA)	(NA)
1937.....	(NA)	361	(NA)	15,836	19,704	13,309	(NA)	14,144	111,980	145,578	11,257,558	(NA)	(NA)	(NA)
1935 ¹³	(NA)	391	(NA)	16,771	18,069	14,035	(NA)	12,888	118,357	133,648	11,252,005	(NA)	(NA)	(NA)
INDUSTRY 2086 —BOTTLED AND CANNED SOFT DRINKS ¹														
1963.....	3,569	3,905	1,530	106,850	537,743	40,911	86,857	164,715	1,233,629	981,493	2,210,920	100,771	98	95
1962*.....	(NA)	(NA)	(NA)	105,448	515,260	41,402	92,868	158,302	1,127,880	902,702	2,030,897	81,395	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	104,078	485,433	40,910	89,547	149,171	1,060,823	845,149	1,911,359	69,380	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	103,335	465,450	41,149	89,414	144,271	1,006,045	801,077	1,806,150	76,410	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	99,994	433,551	40,172	83,675	135,761	954,024	757,248	1,714,357	66,025	(NA)	(NA)
1958.....	3,994	4,394	1,421	97,082	405,626	39,496	80,009	131,437	862,487	698,344	1,558,263	64,153	98	98
1957*.....	(NA)	(NA)	(NA)	95,369	378,681	42,096	83,721	125,203	782,466	565,210	1,331,423	63,219	98	99
1956*.....	(NA)	(NA)	(NA)	94,545	359,094	42,508	83,193	119,697	739,272	530,240	1,252,704	48,699	(NA)	(NA)
1955*.....	(NA)	(NA)	(NA)	92,286	339,293	42,571	82,124	113,422	685,749	518,677	1,186,178	(S)	(NA)	(NA)
1954.....	-	4,643	1,250	91,616	319,879	41,575	80,584	109,519	651,151	539,530	1,189,254	47,731	98	99
1953*.....	(NA)	(NA)	(NA)	99,106	339,509	41,671	88,635	111,851	687,036	497,882	1,184,918	(NA)	(NA)	(NA)
1952*.....	(NA)	(NA)	(NA)	83,939	266,141	36,265	71,864	83,623	541,040	393,060	934,100	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	84,189	242,621	36,798	70,999	78,856	508,553	368,418	876,971	(NA)	(NA)	(NA)
1947.....	-	5,618	1,002	79,397	194,305	41,214	90,882	85,271	420,711	327,485	748,196	66,748	99	99
1939.....	(NA)	4,504	(NA)	354,994	376,832	321,265	(NA)	320,345	211,844	153,935	365,779	(NA)	(NA)	(NA)
1937.....	(NA)	3,920	(NA)	334,683	346,406	327,979	(NA)	330,981	164,399	112,380	276,779	(NA)	(NA)	(NA)
1935.....	(NA)	3,175	(NA)	22,256	29,244	16,778	(NA)	17,343	97,204	62,094	159,298	(NA)	(NA)	(NA)
1933.....	(NA)	2,903	(NA)	18,497	19,480	15,123	(NA)	14,197	69,424	41,873	111,297	(NA)	(NA)	(NA)
1931.....	(NA)	4,250	(NA)	(NA)	(NA)	23,905	(NA)	30,082	136,522	76,045	212,567	(NA)	(NA)	(NA)
1929.....	(NA)	5,134	(NA)	36,072	57,896	28,281	(NA)	38,314	167,298	103,026	270,324	(NA)	(NA)	(NA)
1927.....	(NA)	4,769	(NA)	34,119	53,259	26,972	(NA)	36,101	147,264	95,430	242,694	(NA)	(NA)	(NA)
1925.....	(NA)	4,210	(NA)	34,662	52,508	27,384	(NA)	36,053	139,295	98,466	237,761	(NA)	(NA)	(NA)
1923.....	(NA)	4,514	(NA)	37,329	56,080	29,274	(NA)	37,689	129,158	99,572	228,730	(NA)	(NA)	(NA)
1921.....	(NA)	3,336	(NA)	18,876	24,197	14,651	(NA)	16,286	54,491	61,086	115,577	(NA)	(NA)	(NA)
1919.....	(NA)	5,194	(NA)	22,738	24,664	17,440	(NA)	16,393	66,741	68,600	135,341	(NA)	(NA)	(NA)
1914.....	(NA)	5,463	(NA)	19,401	12,958	15,506	(NA)	8,864	31,622	26,779	58,401	(NA)	(NA)	(NA)
1909.....	(NA)	4,916	(NA)	16,317	9,748	13,147	(NA)	6,902	27,042	16,466	43,508	(NA)	(NA)	(NA)
1904.....	(NA)	3,468	(NA)	12,455	6,881	10,879	(NA)	5,488	20,249	10,002	30,251	(NA)	(NA)	(NA)
1899.....	(NA)	2,763	(NA)	10,211	5,240	8,788	(NA)	4,080	14,704	8,565	23,269	(NA)	(NA)	(NA)
INDUSTRY 2087.—FLAVORINGS														
1963.....	492	520	97	9,083	56,576	4,986	10,235	25,121	400,173	334,036	729,704	12,311	90	79
1962*.....	(NA)	(NA)	(NA)	(9,557)	(56,362)	(5,432)	(11,399)	(24,614)	(374,073)	(288,509)	(661,307)	(24,090)	(NA)	(NA)
1961*.....	(NA)	(NA)	(NA)	(9,508)	(53,490)	(5,404)	(11,114)	(23,467)	(335,041)	(264,222)	(599,332)	(10,049)	(NA)	(NA)
1960*.....	(NA)	(NA)	(NA)	(9,541)	(51,173)	(5,344)	(10,815)	(22,894)	(306,871)	(243,234)	(548,346)	(10,413)	(NA)	(NA)
1959*.....	(NA)	(NA)	(NA)	(9,496)	52,155	5,459	11,561	23,359	284,687	250,301	535,242	6,593	(NA)	(NA)
1958.....	502	534	97	9,307	47,532	5,264	10,335	22,029	249,442	224,882	477,052	5,375	90	83
1957*.....	(NA)	(NA)	(NA)	9,871	46,754	6,044	11,736	21,116	271,272	255,779	525,538	5,879	89	83
1956*.....	(NA)	(NA)	(NA)	10,168	46,442	6,088	11,902	20,867	269,686	244,095	508,429	14,077	(NA)	(NA)
1955*.....	(NA)	(NA)	(NA)	10,235	44,406	6,236	12,054	20,434	246,944	233,905	475,756	(S)	(NA)	(NA)
1954.....	530	558	109	10,593	45,060	6,543	12,402	20,308	221,756	238,050	459,433	6,642	91	87
1953*.....	(NA)	(NA)	(NA)	11,322	45,416	7,022	13,123	21,795	219,434	226,031	445,465	(NA)	(NA)	(NA)
1952*.....	(NA)	(NA)	(NA)	10,072	34,970	5,679	11,056	17,867	193,678	174,353	368,031	(NA)	(NA)	(NA)
1951*.....	(NA)	(NA)	(NA)	10,459	32,144	6,083	11,511	17,270	171,504	171,248	342,752	(NA)	(NA)	(NA)
1950*.....	(NA)	(NA)	(NA)	11,707	34,479	6,865	12,606	17,818	166,669	171,696	338,365	(NA)	(NA)	(NA)
1947.....	582	606	122	11,726	37,149	7,242	14,626	17,720	158,333	155,240	313,573	(NA)	93	89
1939.....	(NA)	477	(NA)	6,950	12,300	3,589	(NA)	3,764	89,734	50,168	139,902	(NA)	(NA)	(NA)
1937.....	(NA)	398	(NA)	15,817	8,292	4,162	(NA)	4,274	71,617	46,280	117,897	(NA)	(NA)	(NA)
1935.....	(NA)	407	(NA)	4,563	6,708	2,902	(NA)	2,651	38,690	29,185	67,875	(NA)	(NA)	(NA)
1933 ¹⁴	(NA)	383	(NA)	3,568	4,237	2,287	(NA)	2,184	33,836	20,333	54,169	(NA)	(NA)	(NA)

Footnotes on next page.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Footnotes for Table 1-20G

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added (except for industry 2085, Distilled liquors, except brandy) prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For industry 2085, value added prior to 1954 in unadjusted value added based on value of production and miscellaneous receipts (including resales) rather than value of shipments; and no adjustment is made for change in work-in-process inventories. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments of years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments. For industry 2085, Distilled liquors, except brand, figures are value of production for all years. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

*These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

¹Data for establishments primarily engaged in making "near beer" are included in the figures for "Malt liquors" for 1899-1921 and 1947-1963 and in the figures for "Bottled soft drinks" for 1923-1939. In 1921 the output of the former industry consisted almost entirely of "near beer."

²Includes 21 establishments who were wholesalers-distributors of malt liquors. Each of these establishments had less than 10 employees or in total did not have a significant effect on any figures other than the establishment count.

³For "Bottled soft drinks" and "Malt liquors," the comparability of the figures for "All employees" and "Production workers" is affected by the fact that for 1939-1963 manufactures were asked to report the total number of employees on the payrolls, including truck drivers engaged in distribution, whereas in earlier years they were asked to report employees engaged, directly or indirectly, in manufacturing activities.

⁴Data for malt houses operated by breweries are included in the figures for "Malt liquors" for 1899-1933 and in the figures for "Malt" for 1935-1963.

⁵For "Malt liquors," the figures for 1933-1963, but not for earlier years, include data for establishments primarily engaged in the manufacture of malt extracts and syrups.

⁶For "Malt liquors," the figures for 1899-1909 and 1919-1921 include Internal Revenue taxes, whereas the figures for other years do not include these taxes.

⁷1914 was the last normal pre-prohibition year covered by the census.

⁸The figures for 1914 do not include Internal Revenue taxes amounting to \$62.1 million.

⁹Value of products shipped and cost of materials contain extensive duplication. The duplication arises because the products of some establishments are used as materials by other establishments classified in the same industry. Data prior to 1958 was omitted because of the duplication.

¹⁰The specialization ratios on an unduplicated basis are estimated at more than 90 percent.

¹¹Figures are value of production.

¹²The statistics previously published for 1939, which do not cover the bottling of unrectified liquors, are not sufficiently comparable to the statistics for other years to be shown in this table.

¹³Since the rectifying and blending of distilled liquors was first canvassed in 1935, the figures for prior years, which cover only the production of distilled liquors, are not sufficiently comparable to those for later years to be shown in this table.

¹⁴The figures for "Flavorings" prior to 1933 are not sufficiently comparable with those for later years because they include data for malt extracts and exclude data for certain dairymen's supplies.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2082.—MALT LIQUORS													
Total.....	222	180	62,643	470,823	42,679	81,901	302,270	1,286,036	1,030,707	2,315,068	86,217	71,723	1,116,703
New England.....	8	8	1,875	12,350	1,272	2,525	8,257	31,854	25,436	57,375	1,346	1,970	25,730
Middle Atlantic....	54	42	19,159	151,571	12,377	23,071	91,365	365,709	240,542	606,292	18,883	24,082	345,702
New York.....	16	13	8,095	70,526	4,747	8,605	37,021	172,806	109,227	282,122	9,532	11,027	156,379
New Jersey.....	9	6	6,310	48,882	4,194	7,710	32,522	116,523	82,355	198,750	6,589	7,661	111,972
Pennsylvania.....	29	23	4,754	32,163	3,436	6,756	21,822	76,380	48,960	125,420	2,762	5,394	77,351
East North Central.	66	51	17,707	127,776	11,921	23,400	81,087	351,386	257,263	607,539	22,219	20,456	298,071
Ohio.....	10	9	2,329	15,714	1,491	2,837	9,538	40,530	26,700	66,528	4,238	3,563	47,084
Indiana.....	5	4	1,278	9,210	949	2,086	6,586	24,156	23,619	47,723	754	1,284	21,248
Illinois.....	15	12	2,982	20,362	1,878	3,663	13,060	62,890	52,489	115,377	3,166	2,655	33,760
Michigan.....	8	7	2,642	20,118	1,853	3,435	12,966	44,789	27,775	72,665	3,646	3,101	46,348
Wisconsin.....	28	19	8,476	62,372	5,750	11,379	38,937	179,021	126,680	305,246	10,415	9,853	149,631
West North Central.	23	19	8,431	62,105	6,914	12,473	49,338	184,926	158,733	343,552	(D)	8,546	162,268
Missouri.....	6	5	5,393	40,777	4,729	8,330	34,571	123,434	114,569	238,073	(D)	4,802	101,791
South Atlantic.....	17	16	3,108	22,412	1,982	3,820	12,572	68,430	66,926	135,724	2,141	2,924	39,570
Maryland.....	8	7	1,937	14,440	1,159	2,188	7,328	34,512	29,867	64,662	629	2,071	29,998
Florida.....	5	5	814	5,727	588	1,177	3,919	26,723	28,420	55,204	1,305	527	5,323
East South Central.	5	5	1,384	8,859	856	1,629	5,088	20,172	12,728	32,871	564	1,892	23,064
Kentucky.....	5	5	1,384	8,859	856	1,629	5,088	20,172	12,728	32,871	564	1,892	23,064
West South Central.	12	10	3,394	24,193	2,305	4,993	15,274	69,643	66,118	135,733	8,067	3,720	59,497
Mountain.....	12	9	2,013	15,978	1,063	2,276	7,806	55,591	56,415	111,159	(D)	1,357	29,161
Pacific.....	25	20	5,572	45,579	3,989	7,714	31,483	138,325	146,546	284,823	(D)	6,776	133,640
Washington.....	5	5	1,479	11,890	1,009	1,982	7,452	43,316	40,864	84,073	1,927	(²)	(²)
California.....	15	11	3,740	31,233	2,773	5,343	22,617	90,166	101,031	191,258	7,654	4,789	96,267
INDUSTRY 2083.—MALT													
Total.....	42	31	1,925	15,084	1,456	2,983	10,839	43,979	131,479	183,515	3,002	2,404	55,087
East North Central.	22	17	1,203	9,542	909	1,870	6,827	27,218	81,924	115,290	1,869	1,591	34,761
Wisconsin.....	15	11	780	6,382	584	1,179	4,419	16,483	57,372	79,050	1,741	1,153	26,491
West North Central.	11	8	427	3,328	333	690	2,642	10,621	28,567	39,414	192	484	10,828
All other divisions	10	6	296	2,214	215	425	1,370	6,146	20,988	28,811	942	329	9,498
INDUSTRY 2084.—WINES AND BRANDY													
Total.....	222	70	6,111	35,051	4,176	8,403	20,523	137,281	³ 228,654	³ 368,281	7,303	5,941	114,242
Middle Atlantic....	42	14	1,306	8,406	874	1,862	4,449	32,343	³ 45,643	³ 76,324	1,648	1,360	23,302
New York.....	27	9	976	6,452	684	1,474	3,564	24,822	³ 27,181	³ 50,235	1,449	1,069	19,445
North Central.....	24	7	383	2,292	229	489	1,099	7,885	³ 12,456	³ 22,593	245	527	9,881
Michigan.....	6	3	135	772	69	145	298	2,650	³ 2,580	³ 5,400	56	167	2,183
South.....	15	4	268	1,211	147	307	470	2,636	³ 7,353	³ 10,220	157	299	6,372
Pacific.....	141	45	4,154	23,142	2,926	5,745	14,505	94,417	³ 163,202	³ 259,144	5,253	3,755	74,687
California.....	131	44	4,049	22,553	2,855	5,624	14,125	92,081	³ 160,348	³ 254,159	5,144	3,635	72,298
INDUSTRY 2085.—DISTILLED LIQUOR, EXCEPT BRANDY													
Total.....	107	89	18,009	110,217	14,343	28,138	80,244	623,736	466,908	⁴ 1,090,462	15,480	20,528	458,151
New England.....	9	5	884	5,193	656	1,326	3,657	31,093	20,728	⁴ 51,924	488	946	28,030
North Central.....	20	17	6,052	39,596	4,849	9,834	29,535	203,801	173,950	⁴ 378,707	6,450	6,219	152,416
South.....	48	44	7,937	48,022	6,538	12,488	35,592	272,145	190,159	⁴ 462,200	5,305	9,270	187,380
Kentucky.....	36	33	6,296	37,838	5,166	9,695	28,166	210,798	150,116	⁴ 361,229	4,457	7,712	163,040
All other divisions	30	23	3,136	17,406	2,300	4,490	11,460	115,435	82,071	⁴ 197,631	3,237	4,093	90,325
Pennsylvania.....	7	7	1,683	8,765	1,165	2,157	5,313	46,007	38,655	⁴ 84,274	2,171	2,498	47,688
INDUSTRY 2086.—BOTTLED AND CANNED SOFT DRINKS													
Total.....	3,905	1,530	106,850	537,743	40,911	86,857	164,715	1,233,629	981,493	2,210,920	100,771	97,084	862,487
New England.....	282	76	5,357	26,806	2,165	4,582	9,072	64,524	51,075	115,141	4,405	5,025	39,200
Maine.....	40	10	500	2,164	246	543	858	5,799	3,919	9,701	325	448	3,466
New Hampshire....	20	9	494	2,396	241	487	1,013	7,333	6,606	13,934	369	393	3,010
Massachusetts....	118	29	2,411	12,841	946	2,057	4,262	28,170	23,775	51,561	1,735	2,460	18,204
Connecticut.....	63	20	1,347	6,583	521	1,057	2,156	18,121	11,595	29,659	1,265	1,180	10,763

See footnotes at end of table.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2086.—BOTTLED AND CANNED SOFT DRINKS—Continued													
Middle Atlantic.....	612	185	15,632	90,068	6,315	12,732	30,992	201,394	155,884	357,517	12,997	14,759	149,341
New Jersey.....	102	36	2,345	14,399	965	1,877	4,464	33,769	26,092	60,002	1,316	2,321	24,203
East North Central..	643	236	19,047	107,026	7,658	16,181	33,184	234,745	177,666	411,550	21,108	17,549	169,725
Ohio.....	152	67	5,547	31,119	2,086	4,299	9,485	67,083	49,498	116,482	7,060	5,488	49,374
Illinois.....	173	58	5,175	30,878	2,026	4,354	9,125	68,774	56,760	125,051	5,243	4,697	45,741
Michigan.....	92	42	3,414	19,523	1,502	3,166	6,559	41,958	32,042	73,914	3,439	2,888	26,388
West North Central..	355	126	8,305	42,674	3,327	6,985	12,633	90,745	65,391	155,678	7,815	7,457	66,180
Minnesota.....	73	26	1,537	7,856	616	1,257	2,437	17,262	12,948	30,102	1,183	1,394	12,256
Missouri.....	92	38	3,316	18,456	1,226	2,616	5,136	38,345	24,807	63,003	3,281	2,877	27,984
North Dakota.....	15	6	264	1,261	122	247	418	2,635	1,629	4,263	228	244	1,842
Nebraska.....	48	9	667	3,205	302	646	1,128	7,095	6,525	13,556	995	587	4,484
Kansas.....	54	18	1,006	4,638	434	941	1,315	9,439	7,173	16,565	755	(2)	(2)
South Atlantic.....	682	371	22,963	104,284	7,846	17,707	28,049	231,260	201,684	433,021	19,709	20,324	162,232
Maryland.....	46	25	2,545	13,156	823	1,924	3,378	30,303	25,405	55,679	1,889	2,150	18,455
Virginia.....	94	58	3,531	16,426	1,205	2,826	4,365	38,518	32,375	71,168	4,532	2,923	24,048
West Virginia.....	63	20	1,273	5,805	491	1,027	1,769	11,868	9,523	21,423	849	(2)	(2)
North Carolina....	128	87	4,682	21,771	1,524	3,555	5,723	50,892	43,376	93,216	4,786	(2)	(2)
Georgia.....	125	66	3,990	17,247	1,411	3,153	4,580	36,295	32,268	68,581	2,909	(2)	(2)
Florida.....	135	71	4,154	18,284	1,434	3,162	4,955	37,314	36,385	73,656	3,318	3,377	28,098
East South Central..	361	172	10,040	40,068	3,700	8,051	11,588	96,680	75,033	171,367	6,915	8,995	63,000
Alabama.....	98	46	2,624	9,793	975	2,080	2,942	24,215	18,423	42,591	1,307	2,410	16,305
Mississippi.....	88	43	1,977	6,981	743	1,581	1,995	16,855	14,194	31,064	1,492	1,867	11,098
West South Central..	470	194	13,528	55,522	5,319	11,392	16,775	127,469	98,156	225,325	14,398	12,304	92,342
Arkansas.....	73	32	1,709	6,700	654	1,403	1,908	15,574	11,659	27,215	1,708	1,494	10,234
Louisiana.....	72	42	2,741	10,545	1,054	2,277	3,182	22,447	18,564	40,992	2,474	2,670	20,700
Oklahoma.....	73	20	1,518	6,363	662	1,388	2,236	16,585	12,275	28,813	1,191	1,232	9,123
Texas.....	252	100	7,560	31,914	2,949	6,324	9,449	72,863	55,658	128,305	9,025	6,908	52,285
Mountain.....	197	68	3,781	19,058	1,688	3,464	6,588	43,675	34,382	78,107	5,253	3,077	26,654
Montana.....	22	4	271	1,274	139	263	536	3,806	1,901	5,693	185	291	2,577
Idaho.....	18	5	288	1,481	122	230	475	3,370	2,292	5,664	160	(2)	(2)
Wyoming.....	12	2	155	730	78	160	288	1,334	1,025	2,352	296	(2)	(2)
New Mexico.....	33	13	617	2,846	304	510	1,031	4,943	5,470	10,417	269	518	3,870
Nevada.....	8	5	196	1,231	92	184	367	2,525	2,387	4,903	141	(2)	(2)
Pacific.....	303	102	8,197	52,237	2,893	5,763	15,834	143,137	122,222	263,214	8,171	7,594	93,813
Washington.....	43	15	877	5,822	313	625	2,021	13,926	9,077	22,937	704	906	9,804
Oregon.....	41	6	628	3,793	220	442	1,164	7,960	5,157	13,106	621	520	4,938
California.....	195	74	6,128	39,968	2,123	4,224	11,791	116,417	102,634	217,009	6,127	5,674	74,877
INDUSTRY 2087.—FLAVORINGS													
Total.....	520	97	9,083	56,576	4,986	10,235	25,121	400,173	334,036	729,704	12,311	9,307	249,442
New England.....	40	8	385	2,050	194	384	806	6,852	8,977	15,753	157	361	4,266
Massachusetts.....	21	4	223	1,277	110	214	474	3,987	5,012	8,937	83	187	1,963
Middle Atlantic.....	136	25	2,679	17,970	1,520	3,222	8,444	93,904	100,273	192,807	2,625	3,016	76,976
New York.....	79	15	1,727	11,826	947	2,011	5,369	60,512	66,582	126,166	1,841	1,746	47,162
New Jersey.....	27	6	647	4,298	422	935	2,425	29,401	26,819	55,804	664	754	21,620
Pennsylvania.....	30	4	305	1,846	151	276	650	3,991	6,872	10,837	120	516	8,194
East North Central..	129	22	2,321	15,592	1,294	2,589	6,896	97,880	84,078	180,809	2,409	2,199	40,818
Illinois.....	59	15	1,765	11,968	989	1,959	5,347	87,896	74,569	161,475	1,701	1,457	33,455
West North Central..	42	6	625	3,894	404	854	2,125	26,468	21,393	47,178	724	684	15,117
Missouri.....	27	5	479	3,143	313	659	1,724	19,771	17,395	36,371	579	596	13,365
South Atlantic.....	52	11	1,249	6,210	679	1,394	2,676	65,701	48,373	113,860	1,762	985	45,425
East South Central..	16	6	417	1,995	205	425	734	35,374	12,681	47,456	113	238	20,928
West South Central..	37	8	622	3,778	257	519	1,111	39,276	28,997	68,244	4,145	582	26,138
West.....	68	11	785	5,087	433	848	2,329	34,718	29,264	63,597	376	1,242	19,774
California.....	51	10	692	4,571	370	718	2,034	30,647	25,422	55,752	323	1,049	16,347

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

Footnotes continued on next page.

TABLE 2A. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2A.—20G—Continued

- ¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.
- SIC 2082, Malt Liquors: New England—Massachusetts, 6 (500-999); Rhode Island, 1 (500-999); Connecticut, 1 (100-249); West North Central—Minnesota, 12 (2,395); Iowa, 2 (20-99); North Dakota, 1 (1-19); Nebraska, 2 (500-999); South Atlantic—Virginia, 2 (100-249); West Virginia, 1 (20-99); Georgia, 1 (100-249); West South Central—Louisiana, 3 (1,000-2,499); Oklahoma, 1 (20-99); Texas, 8 (1,830); Mountain—Montana, 6 (100-249); Colorado, 3 (1,484); Arizona, 1 (100-249); Utah, 2 (100-249); Pacific—Oregon, 1 (100-249); Alaska, 1 (20-99); Hawaii, 3 (100-249).
- SIC 2083, Malt: Middle Atlantic—New York, 5 (133); New Jersey, 1 (1-19); East North Central—Ohio, 1 (1-19); Illinois, 5 (250-499); Michigan, 1 (20-99); West North Central—Minnesota, 10 (250-499); Missouri, 1 (20-99); Pacific—Washington, 1 (20-99); California, 2 (20-99).
- SIC 2084, Wines and Brandy: Middle Atlantic—New Jersey, 12 (317); Pennsylvania, 3 (1-19); East North Central—Ohio, 9 (111); Illinois, 5 (100-249); Wisconsin, 3 (1-19); West North Central—Iowa, 1 (1-19); South Atlantic—Maryland, 1 (20-99); District of Columbia, 1 (1-19); Virginia, 2 (20-99); Georgia, 1 (20-99); Florida, 5 (20-99); East South Central—Kentucky, 1 (1-19); West South Central—Arkansas, 4 (20-99); Pacific—Washington, 9 (20-99); Oregon, 1 (1-19).
- SIC 2085, Distilled Liquor, Except Brandy: New England—Maine, 2 (1-19); New Hampshire, 1 (1-19); Massachusetts, 3 (500-999); Connecticut, 3 (312); Middle Atlantic—New York, 3 (250-499); New Jersey, 6 (500-999); East North Central—Ohio, 4 (500-999); Indiana, 2 (1,000-2,499); Illinois, 6 (1,986); Michigan, 2 (100-249); Wisconsin, 1 (1-19); West North Central—Iowa, 2 (500-999); Missouri, 2 (20-99); Kansas, 1 (100-249); South Atlantic—Maryland, 6 (1,214); Virginia, 1 (20-99); Georgia, 1 (20-99); Florida, 1 (20-99); East South Central—Tennessee, 2 (100-249); West South Central—Louisiana, 1 (20-99); Mountain—Montana, 1 (1-19); Pacific—Oregon, 1 (1-19); California, 11 (500-999); Hawaii, 1 (1-19).
- SIC 2086, Bottled and Canned Soft Drinks: New England—Vermont, 14 (100-249); Rhode Island, 27 (250-499); Middle Atlantic—New York, 252 (7,694); Pennsylvania, 258 (5,593); East North Central—Indiana, 97 (2,876); Wisconsin, 129 (2,035); West North Central—Iowa, 60 (1,000-2,499); South Dakota, 13 (100-249); South Atlantic—Delaware, 10 (100-249); District of Columbia, 4 (266); South Carolina, 77 (1,000-2,499); East South Central—Kentucky, 77 (2,263); Tennessee, 98 (3,176); Mountain—Colorado, 44 (923); Arizona, 33 (832); Utah, 27 (499); Pacific—Alaska, 5 (100-249); Hawaii, 19 (250-499).
- SIC 2087, Flavorings: New England—Maine, 3 (20-99); New Hampshire, 2 (1-19); Rhode Island, 8 (20-99); Connecticut, 6 (20-99); East North Central—Ohio, 32 (275); Indiana, 9 (20-99); Michigan, 25 (20-99); Wisconsin, 4 (118); West North Central—Minnesota, 3 (1-19); Iowa, 5 (20-99); South Dakota, 1 (1-19); Nebraska, 3 (20-99); Kansas, 3 (20-99); South Atlantic—Maryland, 11 (250-499); District of Columbia, 2 (20-99); Virginia, 6 (20-99); West Virginia, 1 (1-19); North Carolina, 5 (20-99); South Carolina, 1 (1-19); Georgia, 11 (732); Florida, 15 (20-99); East South Central—Kentucky, 3 (20-99); Tennessee, 6 (250-499); Alabama, 2 (20-99); Mississippi, 5 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 12 (20-99); Oklahoma, 2 (20-99); Texas, 22 (449); Mountain—Colorado, 3 (1-19); Arizona, 3 (1-19); Utah, 1 (1-19); Pacific—Washington, 2 (1-19); Oregon, 5 (20-99); Hawaii, 3 (20-99).
- ²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.
- ³Contains extensive duplication because the products of some establishments are used as materials by other establishments classified in same industry.
- ⁴Figures are value of production.

TABLE 2B. Delivery Operations, by Industry and Geographic Areas: 1963

Geographic area	Establishments, number		All employees, number		Delivery employees		Cost of contract delivery service ³ (\$1,000)
	Total industry	Reporting panel	Total industry	Reporting panel	Number ¹	Payroll ²	
						(\$1,000)	
	INDUSTRY 2082.—MALT LIQUORS						
United States, total.....	222	⁴ 151	62,643	⁴ 43,652	7,241	54,577	6,500
Northeast.....	62	44	21,034	18,189	3,966	32,416	4,580
New York.....	16	12	8,095	7,548	1,880	15,974	3,188
North Central.....	89	64	26,138	15,510	1,765	12,690	1,107
South.....	34	24	7,886	6,403	991	7,175	477
West.....	37	19	7,585	3,550	519	2,296	336
	INDUSTRY 2086.—BOTTLED AND CANNED SOFT DRINKS						
United States, total.....	3,905	2,284	106,850	91,035	39,251	222,212	7,990
New England.....	282	110	5,357	4,248	1,634	9,449	365
Maine.....	40	12	500	308	117	626	(⁵)
New Hampshire.....	20	13	494	449	125	725	197
Vermont.....	14	6	100-249	121	54	304	(⁵)
Massachusetts.....	118	41	2,411	1,922	786	4,707	(⁵)
Rhode Island.....	27	11	250-499	396	147	785	(⁵)
Connecticut.....	63	27	1,347	1,052	405	2,302	(⁵)
Middle Atlantic.....	612	282	15,632	13,170	5,444	32,803	2,686
New York.....	252	116	7,694	6,577	2,596	15,044	1,228
New Jersey.....	102	43	2,345	1,928	818	5,333	1,015
Pennsylvania.....	258	123	5,593	4,665	2,030	12,426	443
East North Central.....	643	354	19,047	16,488	6,704	45,757	899
Ohio.....	152	91	5,547	4,717	1,898	12,252	499
Indiana.....	97	60	2,876	2,569	928	6,226	(⁵)
Illinois.....	173	90	5,175	4,568	2,159	16,049	344
Michigan.....	92	54	3,414	3,060	1,166	7,939	(⁵)
Wisconsin.....	129	59	2,035	1,574	553	3,291	(⁵)
West North Central.....	355	222	8,305	7,309	3,044	18,145	478
Minnesota.....	73	40	1,537	1,294	506	3,301	(⁵)
Iowa.....	60	39	1,000-2,499	1,152	446	2,622	156
Missouri.....	92	55	3,316	2,976	1,334	8,363	111
North Dakota.....	15	13	264	253	89	586	(⁵)
South Dakota.....	13	10	100-249	203	65	360	(⁵)
Nebraska.....	48	28	667	564	219	1,223	(⁵)
Kansas.....	54	37	1,006	867	385	1,690	(⁵)
South Atlantic.....	682	478	22,963	19,827	9,198	47,418	1,366
Maryland.....	46	35	2,545	2,466	1,229	6,719	223
Virginia.....	94	71	3,531	3,118	1,419	9,340	(⁵)
West Virginia.....	63	43	1,273	1,129	481	2,642	193
North Carolina.....	128	108	4,682	4,282	2,091	10,022	147
South Carolina.....	77	47	1,000-2,499	1,830	804	3,150	(⁵)
Georgia.....	125	89	3,990	3,378	1,546	7,024	365
Florida.....	135	76	4,154	3,176	1,423	7,158	421
East South Central.....	361	254	10,040	8,794	4,116	18,800	243
Kentucky.....	77	56	2,263	2,011	788	4,853	(⁵)
Tennessee.....	98	77	3,176	2,928	1,488	6,348	(⁵)
Alabama.....	98	59	2,624	2,196	1,063	4,496	(⁵)
Mississippi.....	88	62	1,977	1,659	777	3,103	(⁵)
West South Central.....	470	295	13,528	11,420	5,034	22,651	699
Arkansas.....	73	51	1,709	1,479	611	2,707	(⁵)
Louisiana.....	72	42	2,741	2,354	1,037	4,593	(⁵)
Oklahoma.....	73	44	1,518	1,091	464	2,211	494
Texas.....	252	158	7,560	6,496	2,922	13,140	122
Mountain.....	197	118	3,781	2,922	1,207	7,147	150
Montana.....	22	15	271	227	103	609	(⁵)
Idaho.....	18	16	288	282	120	665	(⁵)
Colorado.....	44	24	923	705	320	1,960	(⁵)
New Mexico.....	33	20	617	486	190	1,049	(⁵)
Arizona.....	33	15	832	591	250	1,716	(⁵)
Utah.....	27	13	499	327	123	457	118
Pacific.....	303	171	8,197	6,857	2,870	20,042	1,104
Washington.....	43	24	877	689	345	2,395	310
Oregon.....	41	22	628	466	223	1,466	(⁵)
California.....	195	116	6,128	5,276	2,139	14,982	792

¹Employees engaged in delivery of products from the central plant to retail and wholesale outlets, to a company's own stores, or to households. The figure includes route salesmen, highway-truck drivers, helpers, sales delivery supervisors, truck maintenance employees, and others directly concerned with delivery of the plant's products.

²Includes wages, salaries, bonuses, commissions, and other remunerations to delivery personnel before deductions.

³Total payments to outside or affiliated companies for truck rentals, including wages to drivers furnished and any other contract cost related to delivery of product of the plant.

⁴Excluded are 24 plants with 17,372 employees which reported that no deliveries were made from the plant, and that distribution was performed by sales branches. The operations of sales branches were covered in the census of business for 1963, and no detail is available on delivery employees of such establishments.

⁵Less than \$100 thousand.

TABLE 3. Detailed Statistics: 1963

Item	Malt liquors (SIC 2082)	Malt (SIC 2083)	Wines and brandy (SIC 2084)	Distilled liquor, except brandy (SIC 2085)	Bottled and canned soft drinks (SIC 2086)	Flavorings (SIC 2087)
Primary product specialization ratio ¹	1.00	1.00	.98	.98	.98	.90
Coverage ratio ²	1.00	.95	.99	.99	.95	.79
Establishments, total.....number..	222	42	222	107	3,905	520
With 1 to 19 employees.....do....	42	11	152	18	2,375	423
With 20 to 99 employees.....do....	61	27	59	51	1,341	78
With 100 employees or more.....do....	119	4	11	38	189	19
Proprietors and working partners.....do....	21	6	97	9	1,832	184
All employees (average for the year).....do....	62,643	1,925	³ 6,082	³ 17,442	106,850	9,083
Payroll (all employees), total for year.....\$1,000..	470,823	15,084	35,051	110,217	537,743	56,576
Production workers:						
Average for the year.....number..	42,679	1,456	³ 4,147	³ 13,776	40,911	4,986
January.....do....	(NA)	(NA)	3,649	12,426	(NA)	(NA)
February.....do....	(NA)	(NA)	3,608	12,452	(NA)	(NA)
March.....do....	41,032	1,460	3,710	13,274	37,709	4,875
April.....do....	(NA)	(NA)	3,674	14,047	(NA)	(NA)
May.....do....	42,345	1,427	3,703	13,339	40,893	5,183
June.....do....	(NA)	(NA)	3,761	13,629	(NA)	(NA)
July.....do....	(NA)	(NA)	3,836	12,584	(NA)	(NA)
August.....do....	45,453	1,423	4,035	13,148	45,406	5,135
September.....do....	(NA)	(NA)	4,762	13,750	(NA)	(NA)
October.....do....	(NA)	(NA)	5,796	16,429	(NA)	(NA)
November.....do....	41,885	1,512	4,778	16,101	39,634	4,749
December.....do....	(NA)	(NA)	4,451	14,128	(NA)	(NA)
Man-hours.....1,000..	81,901	2,983	8,403	28,138	86,857	10,235
January-March.....do....	19,089	740	1,796	6,305	19,123	2,429
April-June.....do....	21,579	762	1,821	6,894	22,233	2,675
July-September.....do....	21,984	708	2,157	6,792	24,669	2,601
October-December.....do....	19,249	773	2,629	8,147	20,832	2,530
Wages.....\$1,000..	302,270	10,839	20,523	80,244	164,715	25,121
Cost of materials, etc., total.....do....	1,030,707	131,479	⁴ 228,654	466,908	981,493	334,036
Materials, parts, containers, and supplies consumer.....do....	994,599	119,800	⁴ 217,612	406,756	872,975	305,653
Cost of resales.....do....	13,605	6,358	8,192	49,770	84,791	25,569
Fuels consumed.....do....	12,718	3,427	1,353	7,005	8,361	1,463
Electric Energy:						
Purchased:						
Quantity.....million kw.-hrs..	808	152	77	223	444	55
Cost.....\$1,000..	9,640	1,844	1,213	2,846	8,987	1,064
Generated less sold.....million kw.-hrs..	250	(D)	-	41	(D)	(D)
Contract work.....\$1,000..	145	50	284	531	6,379	287
Value of shipments (including resales), total.....do....	2,315,068	183,515	⁴ 368,281	⁵ 1,090,462	2,210,920	729,704
Value of resales.....do....	16,766	6,480	8,988	68,162	110,857	32,466
Value added by manufacture, adjusted.....do....	1,286,036	43,979	137,281	623,736	1,233,629	400,173
Manufacturers' inventories:						
Beginning of year, total.....do....	149,406	78,877	121,080	673,363	115,313	79,075
Finished products.....do....	24,832	34,176	79,729	604,794	35,764	21,279
Work-in-process.....do....	28,177	3,080	30,656	29,832	2,135	2,060
Materials, supplies, fuel, etc.....do....	96,397	41,621	10,695	38,737	77,414	55,736
End of year, total.....do....	153,310	78,774	119,955	682,046	125,028	104,212
Finished products.....do....	25,479	25,961	78,687	614,117	39,990	24,822
Work-in-process.....do....	29,205	3,238	29,352	30,014	2,111	3,022
Materials, supplies, fuel, etc.....do....	98,626	49,575	11,916	37,915	82,927	76,368
Expenditures for plant and equipment, total.....do....	94,817	5,192	9,322	15,765	107,271	12,821
New, total.....do....	86,217	3,002	7,303	15,480	100,771	12,311
New structures and additions to plant.....do....	20,095	678	1,543	4,104	20,328	4,595
New machinery and equipment.....do....	66,122	2,324	5,760	11,376	80,443	7,716
Used plant and equipment.....do....	8,600	2,190	2,019	285	6,500	510
Selected operating ratios:						
Payroll/Total employment.....	7,516	7,842	5,736	6,120	5,033	6,234
Production workers/Total employment.....	.68	.76	.68	.80	.38	.55
Man-hours/Production workers.....	1,919	2,049	2,012	1,962	2,123	2,051
Production worker wages/Man-hours.....	3.69	3.64	2.44	2.85	1.90	2.46
Cost of materials and payrolls/Total value of shipments.....	.65	.81	.72	.53	.68	.54
Cost of materials/Total value of shipments.....	.45	.73	.62	.43	.44	.46
Adjusted value added/Total employment.....	20,530	21,245	22,465	34,042	11,749	43,809
Salaries and wages/Adjusted value added.....	.37	.37	.26	.18	.43	.14

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Employment figures not identical with those appearing in tables 1, 2, 4, and 8. In this table 3 average number of production workers is the average of the twelve monthly figures; whereas in tables 1, 2, 4, and 8 it is the average of the figures for March, May, August, and November. All employees figure is the sum of the average number of production workers and number of nonproduction workers as of March 15.

⁴Contains extensive duplication because the products of some establishments are used as materials by other establishments classified in the same industry.

⁵Figures is value of production.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2082.—MALT LIQUOR											
Establishments.....number..	222	17	6	19	31	30	52	33	23	8	3
All employees:											
Total.....do....	62,643	27	39	294	1,042	2,062	8,609	11,367	15,565	13,316	10,322
Payroll.....\$1,000..	470,823	139	198	1,368	5,587	11,472	57,490	82,172	121,030	112,450	78,917
Value added, adjusted.....do....	1,286,036	271	353	3,185	13,890	25,294	164,024	245,294	322,439	296,814	214,472
Value of shipments.....do....	2,315,068	463	733	5,630	21,697	46,051	295,521	454,636	591,082	499,937	399,318
Capital expenditures, new...do....	86,217	<u>14,858</u>	(D)	(D)	(D)	896	7,469	10,796	21,320	20,555	20,323
INDUSTRY 2083.—MALT											
Establishments.....number..	42	2	1	8	16	11	4	-	-	-	-
All employees:											
Total.....do....	1,925	140	(D)	(D)	547	740	498	-	-	-	-
Payroll.....\$1,000..	15,084	<u>1,101</u>	(D)	(D)	4,405	5,639	3,939	-	-	-	-
Value added, adjusted.....do....	43,979	<u>3,091</u>	(D)	(D)	13,296	15,170	12,422	-	-	-	-
Value of shipments.....do....	183,515	<u>10,418</u>	(D)	(D)	47,538	71,381	54,178	-	-	-	-
Capital expenditures, new...do....	3,002	<u>1,568</u>	(D)	(D)	(D)	480	954	-	-	-	-
INDUSTRY 2084.—WINES AND BRANDY											
Establishments.....number..	222	73	35	44	44	15	7	3	1	-	-
All employees:											
Total.....do....	6,111	132	234	601	1,465	1,062	1,117	1,500	(D)	-	-
Payroll.....\$1,000..	35,051	549	1,175	3,035	8,534	6,234	6,325	<u>9,199</u>	(D)	-	-
Value added, adjusted.....do....	137,281	<u>1,551</u>	5,929	12,109	29,867	22,692	31,009	<u>34,124</u>	(D)	-	-
Value of shipments.....do....	² 368,281	² 3,093	² 12,391	² 30,792	² 92,847	² 62,732	² 68,414	² <u>98,012</u>	(D)	-	-
Capital expenditures, new...do....	7,303	101	218	624	1,505	1,931	776	<u>2,150</u>	(D)	-	-
INDUSTRY 2085.—DISTILLED LIQUOR, EXCEPT BRANDY											
Establishments.....number..	107	7	6	5	33	18	17	9	10	2	-
All employees:											
Total.....do....	18,009	16	44	78	1,196	1,303	2,967	3,396	9,004	(D)	-
Payroll.....\$1,000..	110,217	97	207	411	6,816	7,616	18,478	21,696	<u>54,896</u>	(D)	-
Value added, adjusted.....do....	623,736	434	272	2,541	19,214	38,939	117,405	125,004	<u>319,927</u>	(D)	-
Value of production.....do....	1,090,462	1,602	2,602	6,495	55,995	80,538	186,945	210,110	<u>546,175</u>	(D)	-
Capital expenditures, new...do....	15,480	<u>87</u>	(D)	175	1,217	670	2,384	1,754	<u>9,193</u>	(D)	-
INDUSTRY 2086.—BOTTLED AND CANNED SOFT DRINKS											
Establishments.....number..	3,905	770	601	1,004	1,033	308	159	25	5	-	-
All employees:											
Total.....do....	106,850	1,657	4,216	14,151	31,678	20,891	22,491	8,563	3,203	-	-
Payroll.....\$1,000..	537,743	6,212	16,670	59,086	146,002	108,506	129,117	50,661	21,489	-	-
Value added, adjusted.....do....	1,233,629	13,779	36,950	141,490	344,539	248,756	295,432	111,622	41,061	-	-
Value of shipments.....do....	2,210,920	28,546	72,533	258,833	612,123	453,141	535,180	183,316	67,248	-	-
Capital expenditures, new...do....	100,771	³ 2,683	2,766	8,992	28,360	20,695	26,045	9,447	1,783	-	-
INDUSTRY 2087.—FLAVORINGS											
Establishments.....number..	520	250	97	76	54	24	16	1	2	-	-
All employees:											
Total.....do....	9,083	437	640	1,059	1,602	1,584	2,265	1,496	(D)	-	-
Payroll.....\$1,000..	56,576	2,187	3,797	6,335	10,359	9,675	15,389	<u>8,834</u>	(D)	-	-
Value added, adjusted.....do....	400,173	8,210	11,145	39,354	66,982	121,710	64,696	<u>88,076</u>	(D)	-	-
Value of shipments.....do....	729,704	18,761	23,824	69,954	113,424	219,626	127,647	<u>156,468</u>	(D)	-	-
Capital expenditures, new...do....	12,311	¹ 3,343	438	402	873	3,522	2,404	<u>1,329</u>	(D)	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes \$2-\$5 million for plants under construction but not in operation.²Contains extensive duplication because the products of some establishments are used as materials by other establishments classified in the same industry.³Includes \$1-\$2 million for plants under construction but not in operation.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2082	Malt liquor.....1963..	2,315,068	2,280,473	13,779	20,816	100	2,282,017	2,280,473	1,544	100
	1958..	1,982,664	1,968,615	9,805	4,244	100	1,972,078	1,968,615	3,463	100
2083	Malt.....1963..	183,515	(D)	(D)	7,721	100	185,087	(D)	(D)	95
	1958..	195,327	(D)	(D)	13,437	100	184,878	(D)	(D)	98
2084	Wines and brandy.....1963..	368,281	347,638	6,874	13,769	198	352,639	347,638	5,001	199
	1958..	263,963	247,759	4,025	12,179	198	256,365	247,759	8,606	197
2085	Distilled liquor, except brandy ² ..1963..	1,090,462	953,840	20,999	115,623	98	959,932	953,840	6,092	99
	1958..	941,312	806,823	15,046	119,443	98	809,897	806,823	3,074	100
2086	Bottled and canned soft drinks....1963..	2,210,920	2,033,127	45,295	132,498	98	2,136,168	2,033,127	103,041	95
	1958..	1,558,263	1,428,663	27,882	101,718	98	1,451,366	1,428,663	22,703	98
2087	Flavorings.....1963..	729,704	623,214	72,395	34,095	90	790,328	623,214	167,114	79
	1958..	477,052	431,366	31,711	13,975	93	523,019	431,366	91,653	82

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Percentages are based on figures containing significant duplication.

²Figures relate to value of production rather than value of shipments.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Malt liquors (SIC 2082)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Bottled and canned soft drinks (SIC 2086)	Other industries
MALT LIQUOR INDUSTRY					BOTTLED AND CANNED SOFT DRINKS				
	Total shipments and receipts of the industry.....	(X)	2,315,068	(X)		Total shipments and receipts of the industry.....	(X)	2,210,920	(X)
20820	Malt liquors and brewing byproducts	2,282,017	2,280,473	1,544	20860	Bottled and canned soft drink.....	2,136,168	2,033,127	⁶ 103,041
	Secondary products.....	(X)	¹ 13,779	(X)		Secondary products.....	(X)	45,295	(X)
	Miscellaneous receipts.....	(X)	20,816	(X)	20334	Canned fruit juices.....	(X)	3,211	(X)
99989	Resales.....	(X)	16,766	(X)	20873	Flavoring sirups, for use by soft drink bottlers.....	(X)	16,960	(X)
	Contract work and other miscellaneous receipts.....	(X)	4,050	(X)	20874	Other flavoring agents, except chocolate sirups.....	(X)	10,424	(X)
		All industries	Wines and brandy (SIC 2084)	Other industries		Other secondary products ⁷	(X)	14,700	(X)
WINES AND BRANDY INDUSTRY						Miscellaneous receipts.....	(X)	132,498	(X)
	Total shipments and receipts of the industry.....	(X)	² 368,281	(X)	99989	Resales.....	(X)	110,857	(X)
20840	Wine, brandy, and brandy spirits....	352,639	347,638	³ 5,001	93000	Contract and commission work.....	(X)	10,223	(X)
	Secondary products.....	(X)	6,874	(X)	99980	Other miscellaneous receipts.....	(X)	11,418	(X)
20874	Other flavoring agents, except chocolate sirup.....	(X)	4,056	(X)			All industries	Flavorings (SIC 2087)	Other industries
	Other secondary products.....	(X)	2,816	(X)					
	Miscellaneous receipts.....	(X)	13,769	(X)	FLAVORINGS				
99989	Resales.....	(X)	8,988	(X)		Total shipments and receipts of the industry.....	(X)	729,704	(X)
	Contract work and other miscellaneous receipts.....	(X)	4,781	(X)		Primary products.....	790,328	623,214	167,114
		All industries	Distilled liquors, except brandy (SIC 2085)	Other industries	20871	Flavoring extracts, emulsions, and other liquor flavors.....	99,310	53,814	⁸ 45,496
DISTILLED LIQUORS, EXCEPT BRANDY					20872	Beverage bases, except sirups and concentrated fruit juices.....	76,136	63,608	⁹ 12,528
	Total value of production and receipts of the industry.....	(X)	1,090,462	(X)	20873	Flavoring sirups, for use by soft drink bottlers.....	298,723	281,570	¹⁰ 17,153
	Primary products.....	959,932	953,840	⁴ 6,092	20874	Other flavoring agents, except chocolate sirups.....	299,097	207,594	¹¹ 91,503
20851	Distilled liquors, except brandy.	162,964	(D)	(D)	20870	Flavorings, n.s.k.....	17,062	16,628	434
20853	Bottled liquors.....	796,602	(D)	(D)		Secondary products.....	(X)	72,395	(X)
20850	Distilled liquors, except brandy, n.s.k.....	366	366	(X)	20860	Bottled and canned soft drinks....	(X)	15,503	(X)
	Secondary products.....	(X)	20,999	(X)	20998	Chocolate and cocoa products, except confectionery (made from purchased chocolate or cocoa)....	(X)	8,551	(X)
20840	Wine, brandy, and brandy spirits..	(X)	4,062	(X)		Other secondary products ¹²	(X)	48,341	(X)
	Other secondary products ⁵	(X)	16,937	(X)		Miscellaneous receipts.....	(X)	34,095	(X)
	Miscellaneous receipts.....	(X)	115,623	(X)	99989	Resales.....	(X)	32,466	(X)
99989	Resales.....	(X)	68,162	(X)	93000	Contract work.....	(X)	716	(X)
	Contract work and other miscellaneous receipts.....	(X)	47,461	(X)	99980	Other miscellaneous receipts.....	(X)	913	(X)

Note: Industry 2083 is not shown in this table to avoid disclosing figures for individual companies. The publishable detail for this industry is shown in table 5A.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.s.k. Not specified by kind.

¹Includes the following product class which totaled \$2 million or more but was withheld to avoid disclosing individual company figures—20830, Malt and malt byproducts.

²Contains extensive duplication because the products of some establishments are used as materials by other establishments classified in the same industry.

³The following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2085, Distilled Liquors, Except Brandy.

⁴The following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2818, Organic Chemicals, N.E.C.

⁵Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 20460, Wet corn milling; 28332, Other medicinal chemicals and botanical products, n.e.c., in bulk.

Footnotes continued on next page.

TABLE 5B. **Industry-Product Analysis—Shipments by Product Class and Industry:**
1963—Continued

Footnotes for Table 5B.—20G—Continued

⁶Includes \$31 million shipped by industry 2026, Fluid Milk; \$2 million shipped by industry 2032, Canned Specialties; \$42 million shipped by industry 2033, Canned Fruits and Vegetables; \$8 million shipped by industry 2037, Frozen Fruits and Vegetables; \$15 million shipped by industry 2087, Flavorings.

⁷Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures—20371, Frozen fruits, juices, and ades; 20871, Flavoring extracts, emulsions and other liquid flavors.

⁸Includes \$20 million shipped by industry 2099, Food Preparations, N.E.C.; \$2 million shipped by industry 2834, Pharmaceutical Preparations. In addition, the following industries had shipments which totaled \$2 million or more but were withheld to avoid disclosing individual company figures: 2035, Pickles, Sauces, Salad Dressings; 2045, Blended and Prepared Flour; 2086, Bottled and Canned Soft Drinks.

⁹The following industries had shipments which totaled \$2 million or more but were withheld to avoid disclosing individual company figures: 2037, Frozen Fruits and Vegetables; 2095, Roasted Coffee.

¹⁰Includes \$17 million shipped by industry 2086, Bottled and Canned Soft Drinks.

¹¹Includes \$15 million shipped by industry 2033, Canned Fruits and Vegetables; \$4 million shipped by industry 2084, Wines and Brandy; \$10 million shipped by industry 2086, Bottled and Canned Soft Drinks; \$12 million shipped by industry 2099, Food Preparations, N.E.C., In addition, the following industries had shipments which totaled \$2 million or more but were withheld to avoid disclosing individual company figures: 2034, Dehydrated Food Products; 2043, Cereal Preparations; 2046, Wet Corn Milling; 2071, Confectionery Products; 2834, Pharmaceutical Preparations.

¹²Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures—20999, Other food preparations, n.e.c.; 28442, Perfumes, toilet water, and colognes.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value, excluding excise tax (\$1,000)	Quantity	Value, excluding excise tax (\$1,000)
2082- --	MALT LIQUORS AND BREWING BYPRODUCTS, TOTAL.....	.....	(X)	2,282,017	(X)	1,972,078
	Beer and ale:					
	Case goods, cans:					
	Beer:					
20820 14	12 ounce can.....	1,000 bbl.....	22,927	694,106	22,152	666,398
20820 15	16 ounce can.....	.....do.....	3,892	110,747	2,438	72,994
20820 18	Other can sizes.....	.....do.....	1,852	59,860	405	13,503
20820 19	Ale.....	.....do.....	363	10,434	450	14,803
	Case goods, bottles:					
	Beer:					
	Returnable bottles:					
20820 22	Under 12 ounce bottles.....	.....do.....	4,378	112,804	3,792	99,741
20820 24	12 ounce bottles.....	.....do.....	23,177	523,440	26,304	559,181
20820 27	32 ounce bottles.....	.....do.....	4,233	89,381	5,230	109,766
20820 28	All other bottle sizes.....	.....do.....	2,218	39,366	899	18,239
	Nonreturnable bottles:					
20820 32	Under 12 ounce bottles.....	.....do.....	1,433	39,846	120	3,395
20820 34	12 ounce bottles.....	.....do.....	7,437	197,879	2,758	76,179
20820 37	32 ounce bottles.....	.....do.....	2,595	62,359	2,096	47,624
20820 38	All other bottle sizes.....	.....do.....	555	13,523	29	735
20820 41	Ale.....	.....do.....	1,030	23,584	1,406	31,765
	Barrels and kegs:					
	Beer:					
20820 60	Half barrel sizes.....	.....do.....	16,785	243,461	16,503	223,526
20820 62	Other barrel sizes.....	.....do.....	1,181	16,333		
20820 63	Ale.....	.....do.....	206	3,101	529	7,326
20820 71	Porter, stout and other fermented malt liquors (cans, bottles, barrels and kegs).....	.....do.....	(D)	(D)	105	2,887
20820 81	Bulk transfers of malt beverages to other establishments of this company.....	.....do.....	(D)	(D)	198	3,281
20820 91	Brewers' grain and other brewery products:					
	Malt extract.....	1,000 lbs.....	(D)	(D)	34,919	4,961
20820 93	Brewers' spent grains:					
	Dry.....	1,000 short tons.....	262	11,502	198	8,393
20820 95	Wet (dry weight equivalent or actual weight of dry grains employed in the manufacture).....	.....do.....	1,461	7,239	1,092	5,661
20820 00	Malt liquors and brewery byproducts, n.s.k.....	.....	(X)	3,847	(X)	1,720
			Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2083- --	MALT AND MALT BYPRODUCTS, TOTAL.....	1,000 lbs.....	3,585,090	185,087	3,570,151	184,878
20830 15	Barley, rye and wheat malt.....	.....do.....	3,244,912	178,919	3,008,314	175,294
20830 41	Malt sprouts (dry weight equivalent; screenings, chaff, and skimmings).....	.....do.....	329,621	5,623	561,837	9,584
20830 00	Malt and malt byproducts, n.s.k.....	.....do.....	170,557	545	-	-
			Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value, excluding excise tax (\$1,000)	Quantity	Value, excluding excise tax (\$1,000)
2084- --	WINES, BRANDY, AND BRANDY SPIRITS, TOTAL.....	.....	(X)	2352,639	(X)	2256,365
20840 11	Still table wines, 14% and under; including light sweet wines:					
	Light sweet grape wines.....	1,000 wine gal.	16,127	28,923	18,460	28,671

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value, excluding excise tax \$1,000	Quantity	Value, excluding excise tax \$1,000
	Still table wines, 14% and under; including light sweet wines—Continued					
20840 13	Other grape wines.....	1,000 wine gal.	51,564	56,246	31,697	29,735
20840 15	Fruit and berry wines.....	...do.....	2,601	4,884	2,351	4,310
	Still dessert wines, over 14%:					
20840 21	Grape wines, all types.....	...do.....	128,456	141,866	120,592	125,023
20840 25	Fruit and berry wines.....	...do.....	2,624	3,993	3,037	4,482
20840 31	Sparkling wines, natural and carbonated.....	...do.....	4,753	22,982	2,169	10,964
	Vermouth and other special natural wines:					
20840 41	Vermouth.....	...do.....	3,871	6,881	3,160	5,722
20840 45	Special natural wines other than vermouth.....	...do.....	14,371	20,831	2,351	5,722
20840 61	Beverage brandy.....	1,000 tax gal.	8,826	21,383	5,525	13,375
20840 71	Neutral fruit spirits and natural brandy.....	...do.....	7,628	10,829	4,731	5,620
20840 00	Wines, brandy, and brandy spirits, n.s.k.....	.....	(X)	33,821	(X)	28,463
			Value of production			
			1963		1958	
			Quantity	Value, excluding excise tax (\$1,000)	Quantity	Value, excluding excise tax (\$1,000)
2085- --	DISTILLED, RECTIFIED AND BLENDED LIQUORS, TOTAL.....	.....	(X)	959,932	(X)	809,897
20851 --	Distilled liquors, except brandy.....	.....	(X)	162,964	(X)	144,927
	Products of distilleries and industrial alcohol plants:					
	Whiskey (raw):					
20851 11	Bourbon.....	1,000 proof gal.....	91,214	83,194	102,772	85,109
20851 15	Rye.....	...do.....	5,099	4,235	5,845	4,314
20851 19	Other.....	...do.....	12,813	7,439	13,346	5,852
20851 31	Spirits (except fruit).....	...do.....	114,087	39,757	66,080	24,150
20851 49	Other distilled liquors, including gin.....	...do.....	20,663	8,193	21,826	8,793
20851 61	Distillers' dried grains, dark and light.....	1,000 short tons.....	275	14,123	237	11,857
20851 71	Distillers' dried solubles.....	...do.....	73	6,023	73	4,852
20853 --	Bottled liquors.....	.....	(X)	796,602	(X)	664,090
	Rectified products:					
	Whiskey:					
20853 12	Blends of whiskies.....	1,000 wine gal.	1,138	3,907	985	3,310
20853 15	Blends with neutral spirits.....	...do.....	573,808	5270,854	70,301	267,017
20853 19	Other whiskey.....	...do.....	(5)	(5)	2,264	6,265
20853 21	Gin.....	...do.....	1,017	2,182	1,656	3,566
20853 31	Cordials, liqueurs, cocktails, and similar compounds.....	...do.....	12,809	42,241	8,819	27,536
20853 33	Vodka.....	...do.....	6,444	14,693	4,199	7,648
20853 35	Other rectified products.....	...do.....	2,601	10,782	1,050	2,756
	Unrectified products:					
20853 51	Whiskey.....	...do.....	67,305	284,962	41,207	187,818
20853 55	Gin.....	...do.....	24,019	55,388	17,741	42,684
20853 57	Vodka.....	...do.....	13,768	52,441	10,761	41,943
20853 59	Other unrectified products.....	...do.....	2,758	8,052	668	1,690
	Bottled in bond:					
20853 63	Whiskey.....	1,000 proof gal.....	7,604	48,195	11,334	70,551
20853 81	Other.....	...do.....	764	2,885	292	1,067
20853 00	Bottled liquors, n.s.k.....	.....	(X)	20	(X)	239
20850 00	Distilled, rectified and blended liquors, n.s.k.....	.....	(X)	366	(X)	880

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2086- --	SOFT DRINKS AND CARBONATED WATERS, TOTAL.....	1,000 cases...	61,463,565	2,136,168	61,240,868	1,451,366
	Bottled carbonated and still soft drinks:					
	Carbonated, soft drinks, all sizes.....	...do.....	1,182,367	1,657,287	1,079,664	1,223,351
	Nondietetics:					
20860 X1	Drinks containing kola extract.....	.....	668,210	927,302	637,228	691,697
20860 X2	Orange.....	...do.....	56,192	76,243	65,019	73,958
20860 X3	Lemon, lime, and lemon and lime combination.....	...do.....	139,535	196,928	118,783	141,449
20860 X4	Root beer and sarsaparilla.....	...do.....	28,691	41,038	40,960	47,703
20860 X5	Ginger ale.....	...do.....	45,546	68,585	45,097	64,324
20860 X6	Grape.....	...do.....	26,262	35,284	22,443	25,335
20860 X7	Carbonated water and club soda.....	...do.....	19,628	30,750	19,863	29,024
20860 X8	Other carbonated flavors.....	...do.....	7108,748	7154,100	79,411	94,079
20860 X9	Dietetics, all flavors.....	...do.....	51,150	78,820		
20860 X0	Bottled soft drinks, not specified by flavor.....	...do.....	38,405	48,237	50,860	55,782
	Still soft drinks, all sizes (cases of 12 and 24).....	...do.....	7,338	10,007	8,910	11,242
20860 65	Orange.....	...do.....	2,963	4,082	4,632	5,956
20860 67	Other still flavors.....	...do.....	4,375	5,925	4,278	5,286
	Canned carbonated soft drinks (cases of 24 cans).....	...do.....	65,982	116,794	18,649	30,225
20860 73	Nondietetics.....	...do.....	56,963	101,043	18,649	30,225
20860 75	Dietetics.....	...do.....	9,019	15,751		
	Soft drinks in bulk (tanks, etc.).....	1,000 gal....	84,142	77,167	21,058	20,682
20860 83	Pre-mix soft drinks for vending machines.....	...do.....	78,559	70,949	21,058	20,682
20860 85	Post-mix soft drinks for vending machines, operated by producing company, excluding fountains (sirup converted to soft drink gallons).....	...do.....	5,583	6,218		
	Fruit drinks and ades (with added sugar, citric acid, etc.) ⁸	1,000 cases...	57,021	135,735	15,879	44,505
20860 91	40.1 ounce-60 ounce (No. 3 cyl.; cases of 12).....	...do.....	16,733	49,920	7,960	24,972
20860 93	Other sizes.....	...do.....	40,288	85,815	7,919	19,533
20860 00	Soft drinks, and fruit drinks and ades, n.s.k.....	...do.....	195,262	139,178	1103,727	121,361
	BOTTLED CARBONATED SOFT DRINKS, BY BOTTLED SIZES, TOTAL.....	1,000 cases...	1,180,309	1,657,287	1,079,664	1,223,351
	Bottled carbonated soft drinks 6 to 9 ounce sizes (cases of 24 bottles) ⁹.....	...do.....	411,755	523,535	527,586	542,850
	Nondietetics:					
20860 01	Drinks containing kola extract.....	...do.....	256,754	328,081	341,339	345,405
20860 02	Orange.....	...do.....	14,568	18,629	15,361	15,781
20860 03	Lemon, lime, and lemon and lime combination.....	...do.....	60,870	77,123	81,897	88,902
20860 04	Root beer and sarsaparilla.....	...do.....	6,843	8,606	10,217	9,990
20860 05	Ginger ale.....	...do.....	14,435	19,215	13,138	14,864
20860 06	Grape.....	...do.....	7,264	8,928	4,485	4,610
20860 07	Carbonated water and club soda.....	...do.....	7,066	9,448	6,608	8,073
20860 08	Other carbonated flavors.....	...do.....	27,591	35,117	36,637	37,062
20860 09	Dietetics, all flavors.....	...do.....	2,652	3,017		
20860 10	Flavor not specified ¹⁰.....	...do.....	13,712	15,371	17,904	18,163
	Bottled carbonated soft drinks 10 and 12 ounce sizes (cases of 24 bottles) ⁹.....	...do.....	519,733	720,928	232,184	246,672
	Nondietetics:					
20860 11	Drinks containing kola extract.....	...do.....	314,866	439,322	129,744	132,638
20860 12	Orange.....	...do.....	31,000	40,984	32,853	36,909
20860 13	Lemon, lime, and lemon and lime combination.....	...do.....	54,037	76,245	9,315	9,954
20860 14	Root beer and sarsaparilla.....	...do.....	14,150	19,954	10,559	11,619
20860 15	Ginger ale.....	...do.....	8,601	10,511	4,426	5,468
20860 16	Grape.....	...do.....	14,634	19,596	12,059	13,531
20860 17	Carbonated water and club soda.....	...do.....	3,013	4,984	859	1,040
20860 18	Other carbonated flavors.....	...do.....	44,906	62,369	16,344	18,611
20860 19	Dietetics, all flavors.....	...do.....	20,021	27,376		
20860 20	Flavor not specified ¹⁰.....	...do.....	14,505	19,587	16,025	16,902

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	Bottled carbonated soft drinks 16 ounce size (cases of 24 bottles) ⁹	1,000 cases...	120,673	200,631	218,361	277,767
	Nondietetics:					
20860 21	Drinks containing kola extract.....	..do.....	75,193	123,175	149,432	189,508
20860 22	Orange.....	..do.....	3,145	5,187	9,556	11,151
20860 23	Lemon, lime, and lemon and lime combination.....	..do.....	6,140	10,965	14,420	18,943
20860 24	Root beer and sarsaparilla.....	..do.....	1,770	2,949	13,354	16,267
20860 25	Ginger ale.....	..do.....	1,512	2,176	3,396	5,431
20860 26	Grape.....	..do.....	1,740	2,783	3,806	4,381
20860 27	Carbonated water and club soda.....	..do.....	518	601	2,611	3,885
20860 28	Other carbonated flavors.....	..do.....	3,822	6,342	12,084	16,921
20860 29	Dietetics, all flavors.....	..do.....	23,047	40,367		
20860 30	Flavor not specified ¹⁰.....	..do.....	3,786	6,086	9,702	11,280
	Bottled carbonated soft drinks 24 to 32 ounce sizes (cases of 12 bottles) ⁹.....	..do.....	119,895	197,717	99,020	153,193
	Nondietetics:					
20860 31	Drinks containing kola extract.....	..do.....	21,397	36,724	16,713	24,146
20860 32	Orange.....	..do.....	7,479	11,443	7,249	10,117
20860 33	Lemon, lime, and lemon and lime combination.....	..do.....	18,488	32,595	13,151	23,650
20860 34	Root beer and sarsaparilla.....	..do.....	5,928	9,529	6,830	9,827
20860 35	Ginger ale.....	..do.....	20,998	36,683	24,137	38,561
20860 36	Grape.....	..do.....	2,624	3,977	2,093	2,813
20860 37	Carbonated water and club soda.....	..do.....	9,031	15,717	9,785	16,026
20860 38	Other carbonated flavors.....	..do.....	22,118	35,796	14,346	21,485
20860 39	Dietetics, all flavors.....	..do.....	5,430	8,060		
20860 40	Flavor not specified ¹⁰.....	..do.....	6,402	7,193	4,716	6,568
	Bottled carbonated soft drinks, all other sizes ⁹.....	..do.....	110,311	14,476	112,513	2,869
20860 51	Nondietetics.....	..do.....	115,256	7,378	112,513	2,869
20860 53	Dietetics.....	..do.....	11974	1,368		
20860 55	Nondietetics or dietetics not specified ¹⁰.....	..do.....	4,081	5,730		
2087- --	FLAVORING EXTRACTS AND FLAVORING SIRUPS, TOTAL.....		(X)	790,328	(X)	523,019
20871 --	Flavoring extracts, emulsions, and other liquid flavors.....		(X)	99,310	(X)	71,660
	Natural or true:					
20871 11	In containers of 8 ounces or less.....	1,000 gal.....	1,500	19,009	1,038	15,039
20871 15	In containers of more than 8 ounces.....	..do.....	4,724	34,015	2,442	16,625
	Imitation:					
20871 51	In containers of 8 ounces or less.....	..do.....	844	4,495	878	5,825
20871 55	In containers of more than 8 ounces.....	..do.....	5,366	24,198	4,265	21,847
20871 00	Flavoring extracts, emulsions, and other liquid flavors, n.s.k.		(X)	17,593	(X)	12,324
20872 --	Liquid beverage bases (except sirup and concentrated fruit drink).	1,000 gal.....	31,974	76,136	24,575	59,230
20872 13	Containing kola extracts or flavoring.....	..do.....	11,559	27,787	4,789	11,484
20872 29	All other flavors.....	..do.....	20,166	47,756	19,786	47,746
20872 00	Liquid beverage bases, n.s.k.....	..do.....	1249	593	-	-
20873 --	Flavoring sirups for use by soft drink bottlers.....	..do.....	308,326	298,723	226,944	217,354
20873 13	Containing kola extracts or flavoring.....	..do.....	265,620	249,399	198,233	184,594
20873 39	All other flavors.....	..do.....	41,583	48,329	28,711	32,760
20873 00	Flavoring sirups for use by soft drink bottlers, n.s.k.....	..do.....	11,023	995	-	-
20874 --	Other flavoring agents, except chocolate sirups.....		(X)	299,097	(X)	162,765
20874 21	Flavoring concentrates, except beverage bases.....	1,000 lbs.....	19,374	9,416	13,250	4,580
	Flavoring powders:					
	Drink powders and tablets:					
20874 32	Effervescent.....	..do.....	(12)	(12)	45,181	27,393
20874 33	Noneffervescent.....	..do.....	(12)	(12)		
20874 39	Other flavoring powders.....	..do.....	1298,867	1279,585		

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
20874 --	Other flavoring agents, except chocolate sirups—Continued					
20874 41	Flavoring pastes.....	1,000 lbs.....	19,551	6,945	21,222	5,997
20874 59	Flavoring sirups for fountain, ice cream, home beverage use, all flavors.....	1,000 gal.....	87,943	136,610	53,500	78,553
20874 61	Fruit, crushed or whole, for fountain and ice cream use.....	...do.....	5,638	19,236	4,546	15,008
20874 71	Food colorings.....	(X)	(X)	9,321	(X)	9,414
20874 81	Concentrated fruit juice products (not frozen) ¹³	1,000 gal.....	5,524	16,487	4,671	14,007
20874 00	Other flavoring agents, except chocolate sirups, n.s.k.....	.....	(X)	21,497	(X)	7,813
20870 00	Flavoring extracts and flavoring sirups, n.s.k.....	.....	(X)	17,062	(X)	12,010

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.s.k. Not specified by kind.

¹Quantity estimated based on quantity value relationship reported for other products.

²Both 1963 and 1958 figures contain extensive duplication because products of some establishments are used as materials in other establishments in this industry.

³In 1958, separate data for natural wines other than vermouth were not collected separately. It is not clear if such products were reported in 1958.

⁴Includes shipments of bulk wine. While separate data on bulk shipments of wine were not collected, some companies reported this product. Bulk shipments of wine reported by these companies has been included in product code 2084000 and amount to 25.40 percent of the value shown.

⁵Product code 2085319 was combined with product code 2085315 to avoid disclosing figures for individual companies.

⁶Includes an estimate for the number of soft drinks sold in bulk assuming 1.5 gallons equals one case.

⁷Includes product code 2086051, Nondietetic bottled carbonated soft drinks, all other sizes.

⁸Includes fruit drinks distributed in glass, paperboard containers, and cans by dairies and canneries; excludes a substantial quantity packed on commission from material owned by others. While data on the production of fruit drink on commission are not available, the commission receipts for canning fruit drinks in 1963 amounted to \$3,247 thousand.

⁹The classifications by bottle size were revised from those used in 1958. Therefore, the 1963 and 1958 data are not comparable. In the table above, the 1963 data are for the indicated bottle sizes. The 1958 data relate to the bottle size shown below:

1963 bottle sizes

6 to 9 ounce
10 to 12 ounce
16 ounce
24 to 32 ounce
all other sizes

1958 bottle sizes

6 and 7 ounce
8, 9, and 10 ounce
12 and 16 ounce
20 to 32 ounce
larger than 32 ounce

The data for both 1958 and 1963 exclude soft drinks and fruit drinks and ades not specified by kind. The value of such drinks were \$121 million in 1958 and \$139 million in 1963.

¹⁰Represents data reported by small bottlers who were not requested to differentiate between dietetic and nondietetic or by flavor.

¹¹In both 1963 and 1958, although respondents were asked to report quantity data in gallons, a large number reported in cases. Therefore, for these products quantities, in cases, have been estimated based on the quantity-value relationship reported for other products.

¹²In 1963, data for product codes 2087432 and 2087433 are included in product code 2087439 in order to avoid disclosing data for individual companies.

¹³Information for frozen fruit and berry juices is included in the reported for industry 2037, Frozen Fruits and Vegetables.

**TABLE 6B. Product Classes—Indexes of Production and
Unit Value for Primary Products Shipped by
All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
208	Beverages.....1963..	136	108
	1958..	111	104
2082	Malt liquors and brewing byproducts.....1963..	119	93
	1958..	105	102
2083	Malt and malt byproducts.....1963..	105	90
	1958..	100	96
2084	Wines, brandy, and brandy spirits.....1963..	180	113
	1958..	143	103
2085	Distilled, rectified, and blended liquors.....1963..	138	100
	1958..	115	101
20851	Distilled liquors, except brandy.....1963..	113	101
	1958..	109	93
20853	Bottled liquors.....1963..	145	101
	1958..	116	103
2086	Soft drinks and carbonated waters.....1963..	147	134
	1958..	115	112
2087	Flavoring extracts and flavoring sirups.....1963..	158	107
	1958..	114	101
20871	Flavoring extracts, emulsions and other liquid flavors.....1963..	149	96
	1958..	107	102
20872	Liquid beverage bases (except sirup and concentrated fruit drink).....1963..	247	80
	1958..	190	81
20873	Flavoring sirups for use by soft drink bottlers..1963..	150	103
	1958..	111	101
20874	Other flavoring agents, except chocolate sirups..1963..	150	125
	1958..	104	107

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
20820	Malt liquors and brewing byproducts...\$1,000..	2,282,017	2,367,698	2,295,398	2,254,833	2,092,673	1,972,078	1,854,825	1,319,560
20830	Malt and malt byproducts:								
	Quantity.....1,000 lbs..	3,585,090	(NA)	(NA)	(NA)	(NA)	3,570,151	3,570,151	4,324,029
	Value.....\$1,000..	185,087	168,523	182,896	178,097	200,092	184,878	193,120	256,106
20840	Wines, brandy, and brandy spirits.....do....	² 352,639	² 331,904	² 303,595	² 281,418	² 271,929	² 259,365	² 175,396	² 167,528
2085-	Distilled liquors, except brandy ³.....do....	959,932	787,339	794,589	793,951	807,453	809,897	684,329	868,320
20851	Distilled liquors, except brandy ³.....do....	162,964	124,311	141,247	154,718	152,039	144,927	143,131	213,937
20853	Bottled liquors ³.....do....	796,602	662,395	652,632	638,134	653,569	664,090	540,231	654,383
20850	Distilled liquors, n.s.k. ³.....do....	366	(633)	(710)	(1,099)	(1,845)	880	967	(NA)
20860	Bottled and canned soft drinks:								
	Quantity.....1,000 cases..	1,462,007	1,527,966	1,500,524	1,432,720	1,370,341	1,240,868	⁴ 1,097,100	⁴ 911,507
	Value.....\$1,000..	2,136,168	1,949,141	1,836,507	1,740,956	1,646,452	1,451,366	⁴ 1,096,065	⁴ 750,538
2087-	Flavorings.....do....	790,328	681,191	625,332	584,772	578,059	523,019	464,166	326,953
20871	Flavoring extracts, emulsions, and other liquid flavors.....do....	99,310	85,678	91,726	91,479	85,163	71,660	65,182	39,461
20872	Beverage bases, except sirup and concentrated fruit juices:								
	Quantity.....1,000 gals..	31,974	(NA)	(NA)	(NA)	(NA)	24,575	12,905	10,142
	Value.....\$1,000..	76,136	82,875	74,128	65,955	67,041	59,230	38,330	48,488
20873	Flavoring sirups, for use by soft drink bottlers:								
	Quantity.....1,000 gals..	308,326	(NA)	(NA)	(NA)	(NA)	226,944	204,461	(NA)
	Value.....\$1,000..	298,723	275,128	249,860	238,193	233,226	217,354	194,177	(⁵)
20874	Other flavoring agents, except chocolate sirups.....do....	299,097	225,966	198,542	176,570	176,404	162,765	159,518	⁵ 223,704
20870	Flavorings, n.s.k.....do....	17,062	11,544	11,076	12,575	16,225	12,010	6,959	15,300

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Figure contain extensive duplication because the products of some establishments are used as material in other establishments in the same industry.

³Value of production rather than value of shipments.

⁴Excludes data on fruit drinks and ades, for 1954 and 1947 was included in industry 2033, Canned Fruits and Vegetables.

⁵1947 data for product class 20873, Flavoring sirup for use by soft drink bottlers, are included in product class 20874, Other flavoring agents, except chocolate sirups.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
DISTILLED LIQUORS, EXCEPT BRANDY (20851) ²			FLAVORING EXTRACTS, EMULSIONS, AND OTHER LIQUID FLAVORS (20871)—Continued			FLAVORING SIRUPS, FOR USE BY SOFT DRINK BOTTLERS (20873)—Continued		
United States, total.....	162,964	144,927	West North Central.....	4,737	3,591	East North Central.....	36,396	21,200
Middle Atlantic.....	23,299	11,150	Minnesota.....	1,184	(2)	Ohio.....	2,620	(3)
East North Central.....	35,611	45,557	Missouri.....	2,981	2,425	Illinois.....	32,463	18,534
West North Central.....	16,060		South Atlantic.....	15,637	9,147	West North Central.....	17,652	14,970
South.....	86,629	86,175	Maryland.....	7,867	5,375	South Atlantic.....	57,136	42,421
Kentucky.....	75,480	(3)	Georgia.....	2,457	(3)	East South Central.....	33,551	23,782
All other divisions.....	1,365	2,045	East South Central.....	2,135	(3)	West South Central.....	52,669	35,694
			Tennessee.....	1,667	(3)	West.....	26,393	(3)
BOTTLED LIQUORS (20853) ²			West South Central.....	2,855	2,304	California.....	22,136	(3)
United States, total.....	796,602	664,090	Texas.....	2,108	1,635			
New England.....	45,146	38,018	West.....	15,321	(3)	OTHER FLAVORING AGENTS EXCEPT CHOCOLATE SIRUPS (20874)		
Middle Atlantic.....	113,822	98,512	California.....	11,263	5,801	United States, total.....	299,097	162,765
Pennsylvania.....	60,612	66,761				New England.....	6,389	4,725
North Central.....	255,059	200,512	BEVERAGE BASES, EXCEPT SIRUPS AND CONCENTRATED FRUIT JUICES (20872)			Massachusetts.....	5,232	(3)
South.....	331,086	282,333	United States, total.....	76,136	59,230	Middle Atlantic.....	60,540	42,996
Kentucky.....	243,305	(3)	New England.....	1,163	(2)	New York.....	29,375	16,479
West.....	51,489	31,395	Middle Atlantic.....	4,826	9,199	New Jersey.....	24,298	18,863
			New York.....	1,945	2,657	Pennsylvania.....	6,867	7,654
FLAVORING EXTRACTS, EMULSIONS, AND OTHER LIQUID FLAVORS (20871)			East North Central.....	32,231	14,460	East North Central.....	117,189	50,916
United States, total.....	99,310	71,660	Illinois.....	30,998	12,952	Ohio.....	5,545	5,068
New England.....	5,585	5,492	West North Central.....	4,281	3,634	Illinois.....	88,991	33,941
Massachusetts.....	2,297	3,206	South.....	29,230	(3)	West North Central.....	20,080	9,747
Middle Atlantic.....	32,840	25,353	Maryland.....	1,351	1,301	Missouri.....	12,300	8,147
New York.....	14,249	18,571	Pacific.....	4,405	14,545	South Atlantic.....	29,956	19,525
New Jersey.....	15,479	5,251				Maryland.....	18,071	11,554
Pennsylvania.....	3,112	1,531	FLAVORING SIRUPS, FOR USE BY SOFT DRINK BOTTLERS (20873)			Virginia.....	1,539	1,102
East North Central.....	20,200	16,761	United States, total.....	298,723	217,354	Florida.....	1,462	(3)
Ohio.....	4,061	3,268	New England.....	3,280	3,732	East South Central.....	7,872	(3)
Illinois.....	11,326	9,845	Middle Atlantic.....	71,646	55,915	West South Central.....	16,607	10,274
Michigan.....	2,652	2,423				Texas.....	12,254	(3)
						West.....	40,464	23,940
						California.....	35,757	(3)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20851, Massachusetts, New York, New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Iowa, Kansas, Maryland, and Tennessee; 20853, Massachusetts, Connecticut, New York, New Jersey, Ohio, Indiana, Illinois, Michigan, Wisconsin, Missouri, Maryland, Virginia, Georgia, Florida, Tennessee, Louisiana, Oregon, and California; 20871, Connecticut, Indiana, Virginia, and Washington; 20872, New Jersey, Missouri, Georgia, Florida, Tennessee, and California; 20873, Connecticut, New York, New Jersey, Iowa, Missouri, Maryland, Georgia, Kentucky, Alabama, Arkansas, Louisiana, Texas, and Oregon; 20874, Michigan, Wisconsin, Minnesota, Nebraska, Georgia, Kentucky, Tennessee, Louisiana, Oregon, and Hawaii.

²Value of production rather than value of shipments.

³Shipments of \$1 million or more were reported but exact figures were withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2082.—MALT LIQUORS			
	Materials, ingredients, containers and supplies, total.....		(X)	994,599	(X)	845,761
011322	Corn (purchased as grain).....	1,000 bu....	20,192	35,346	12,207	24,058
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	274,414	2,259	401,769	3,084
208301	Malt.....	Cwt.....	27,513,484	157,782	26,141,662	165,776
011311	Barley.....	1,000 bu....	3,672	7,197	(X)	652,843
970099	All other materials, containers and supplies consumed.....		(X)	792,015		
			INDUSTRY 2083.—MALT			
	Materials, ingredients, containers and supplies, total.....		(X)	119,800	(X)	120,985
011311	Barley.....	1,000 bu....	79,090	113,345	78,345	116,117
208301	Malt.....	Cwt.....	509,402	2,677	(X)	4,868
970099	All other materials, containers and supplies consumed.....		(X)	3,778		
			INDUSTRY 2084.—WINES AND BRANDY			
	Materials, ingredients, containers and supplies, total.....		(X)	217,612	(X)	254,102
012241	Grapes.....	Tons.....	1,700,638	69,844	(X)	254,102
208401	Wines purchased for blending.....	1,000 wine gals.....	56,567	35,325		
970099	All other materials, containers and supplies consumed.....		(X)	112,443		
			INDUSTRY 2085.—DISTILLED LIQUORS, EXCEPT BRANDY			
	Materials, ingredients, containers and supplies, total.....		(X)	406,756	(X)	391,500
	Materials used in distilling:					
011321	Corn.....	1,000 bu....	32,140	42,248	28,887	39,266
011351	Rye.....	do.....	5,882	9,503	5,423	8,243
208301	Malt.....	Cwt.....	1,941,790	9,903	1,952,993	9,816
970001	All other materials, ingredients, containers and supplies used in distilling operations (cooperage, etc.).....		(X)	54,972	(X)	50,317
	Materials used in bottling:					
208511	Spirits.....	1,000 tax gals.....	134,659	50,013	71,884	35,157
208513	Aged whiskey.....	do.....	67,408	106,456	76,952	114,390
322101	Glass containers.....	Gross.....	10,457,165	85,398	(X)	132,968
970002	All other materials, ingredients, containers and supplies used in bottling operations (flavors, closures, etc.).....		(X)	44,824		
976000	Materials, n.s.k. ¹		(X)	3,439	(X)	1,343
			INDUSTRY 2086.—BOTTLED AND CANNED SOFT DRINKS			
	Materials, ingredients, containers and supplies, total.....		(X)	872,975	(X)	596,754
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	14,448,694	153,729	11,136,308	100,485
208731	Flavoring sirups.....	1,000 gals....	161,186	261,051	(X)	212,026
208701	Flavors other than sirups, including beverages bases.....		(X)	58,471		
970090	All other materials, ingredients, containers and supplies.....		(X)	265,336	(X)	284,243
976000	Materials, n.s.k. ¹		(X)	134,388		
			INDUSTRY 2087.—FLAVORINGS			
	Materials, ingredients, containers and supplies, total.....		(X)	305,653	(X)	230,233
206011	Sugar (cane and beet) in terms of sugar solids.....	Cwt.....	13,078,318	125,501	9,773,931	83,431
970099	All other materials, ingredients, containers and supplies.....		(X)	154,620	(X)	146,802
976000	Materials, n.s.k. ¹		(X)	25,532		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. **Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962**

Item	Malt liquors (SIC 2082)	Malt (SIC 2083)	Wines and brandy (SIC 2084)	Distilled liquor, except brandy (SIC 2085)	Bottled and canned soft drinks (SIC 2086)	Flavorings (SIC 2086)
Total cost of purchased fuels and electric energy.....\$1,000..	21,827	5,678	2,725	9,049	18,597	3,027
Total cost of purchased fuels.....do....	12,302	3,717	1,480	6,431	9,671	1,832
Bituminous coal, lignite, and anthracite:						
Quantity.....1,000 short tons..	522	8	-	731	16	(S)
Cost.....\$1,000..	3,535	82	-	4,393	218	(S)
Coke and breeze:						
Quantity.....1,000 short tons..	-	(S)	-	-	-	-
Cost.....\$1,000..	-	(S)	-	-	-	-
Fuel oil (distillate and residual):						
Quantity.....1,000 barrels of 42 gallons..	1,020	69	172	170	547	401
Cost.....\$1,000..	2,660	299	551	431	2,386	1,159
Gas (natural, manufactured, still, blast furnace, and coke oven):						
Quantity.....million cu.ft..	13,636	6,093	(S)	4,320	4,177	303
Cost.....\$1,000..	5,512	3,016	(S)	1,388	2,864	205
Other fuels.....do....	595	290	103	219	4,203	259
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	801	154	83	189	415	69
Cost.....\$1,000..	9,525	1,961	1,245	2,618	8,926	1,195
Generated less sold.....million kw.-hrs..	223	27	-	48	(S)	22
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	495	129	69	142	280	53
Prime movers, total.....do....	163	23	4	40	37	9
Driving generators.....do....	102	22	1	16	10	7
Not driving generators.....do....	61	1	3	24	27	2
Electric motors, total.....do....	396	118	65	121	243	60
Driven by purchased energy.....do....	332	106	65	102	243	43
Driven by energy generated at establishment.....do....	65	12	-	18	(Z)	17
Aggregate horsepower per 100 production workers.....	1,105	7,776	1,842	981	676	976

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2085—	DISTILLED LIQUOR, EXCEPT BRANDY										
	Entire industry.....	107	18,009	110,217	14,343	28,138	80,244	623,736	466,908	¹ 1,090,462	15,480
	Establishments with--										
	90% or more specialization..	103	17,162	104,581	13,788	26,905	77,345	611,693	441,074	¹ 1,052,697	12,077
20851	Distilled liquors, except brandy (primary product class of estab.)	25	2,915	17,437	2,180	4,474	11,901	33,275	73,471	¹ 106,530	6,086
	Establishments with--										
	90% or more specialization....	14	811	5,253	672	1,373	4,203	7,051	23,260	¹ 30,342	1,052
20853	Bottled liquors (primary product class of estab.).....	78	15,082	92,738	12,154	23,646	68,313	590,344	393,268	¹ 983,647	9,383
	Establishments with--										
	90% or more specialization....	55	6,766	40,798	5,319	10,499	29,159	253,653	164,344	¹ 418,167	4,507
	75-89% specialization.....	17	7,541	46,898	6,282	12,095	36,226	315,755	207,529	¹ 523,411	4,401
2087—	FLAVORINGS										
	Entire industry.....	520	9,083	56,576	4,986	10,235	25,121	400,173	334,036	729,704	12,311
	Establishments with--										
	90% or more specialization..	434	4,300	27,224	2,339	4,824	11,450	237,476	188,939	424,896	5,806
	75-89% specialization.....	35	2,159	13,849	1,131	2,383	6,002	87,355	92,153	178,129	1,991
20871	Flavoring extracts, emulsions, and other liquid flavors (primary product class of estab.).....	234	2,029	13,019	1,140	2,254	5,513	36,337	34,606	69,552	779
	Establishments with--										
	90% or more specialization....	181	840	5,191	448	885	2,037	14,878	16,374	31,191	361
	75-89% more specialization....	21	266	1,589	127	261	537	3,782	3,771	7,420	71
20872	Beverage bases, except sirups and concentrated fruit juices (primary product class of estab.)....	29	1,422	8,294	721	1,471	3,438	47,756	36,603	82,948	657
	Establishments with--										
	90% or more specialization....	13	146	995	57	111	243	3,358	2,987	6,377	63
20874	Other flavoring agents, except sirups (primary product class of estab.).....	109	3,244	20,158	1,836	3,703	8,904	79,346	78,106	156,328	2,252
	Establishments with--										
	90% or more specialization....	57	992	5,947	611	1,268	2,819	14,683	19,691	33,822	658
	75-89% specialization.....	12	551	3,276	306	583	1,254	24,000	4,867	25,513	152

¹Figures relate to value of production rather than value of shipments.

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G. H. I.		11111		1902		3		300			
J. K. L.		22222		1903		4		400			
M. N. O.		33333		1904		5		500			
P. Q. R.		44444		1905		6		600			
S. T. U.		55555		1906		7		700			
V. W. X.		66666		1907		8		800			
Y. Z. A.		77777		1908		9		900			
B. C. D.		88888		1909		10		1000			
E. F. G.		99999		1910		11		1100			
H. I. J.		00000		1911		12		1200			
K. L. M.		11111		1912		13		1300			
N. O. P.		22222		1913		14		1400			
Q. R. S.		33333		1914		15		1500			
T. U. V.		44444		1915		16		1600			
W. X. Y.		55555		1916		17		1700			
Z. A. B.		66666		1917		18		1800			
C. D. E.		77777		1918		19		1900			
F. G. H.		88888		1919		20		2000			
I. J. K.		99999		1920		21		2100			
L. M. N.		00000		1921		22		2200			
O. P. Q.		11111		1922		23		2300			
R. S. T.		22222		1923		24		2400			
U. V. W.		33333		1924		25		2500			
X. Y. Z.		44444		1925		26		2600			
A. B. C.		55555		1926		27		2700			
D. E. F.		66666		1927		28		2800			
G. H. I.		77777		1928		29		2900			
J. K. L.		88888		1929		30		3000			
M. N. O.		99999		1930		31		3100			
P. Q. R.		00000		1931		32		3200			
S. T. U.		11111		1932		33		3300			
V. W. X.		22222		1933		34		3400			
Y. Z. A.		33333		1934		35		3500			
B. C. D.		44444		1935		36		3600			
E. F. G.		55555		1936		37		3700			
H. I. J.		66666		1937		38		3800			
K. L. M.		77777		1938		39		3900			
N. O. P.		88888		1939		40		4000			
Q. R. S.		99999		1940		41		4100			
T. U. V.		00000		1941		42		4200			
W. X. Y.		11111		1942		43		4300			
Z. A. B.		22222		1943		44		4400			
C. D. E.		33333		1944		45		4500			
F. G. H.		44444		1945		46		4600			
I. J. K.		55555		1946		47		4700			
L. M. N.		66666		1947		48		4800			
O. P. Q.		77777		1948		49		4900			
R. S. T.		88888		1949		50		5000			
U. V. W.		99999		1950		51		5100			
X. Y. Z.		00000		1951		52		5200			
A. B. C.		11111		1952		53		5300			
D. E. F.		22222		1953		54		5400			
G. H. I.		33333		1954		55		5500			
J. K. L.		44444		1955		56		5600			
M. N. O.		55555		1956		57		5700			
P. Q. R.		66666		1957		58		5800			
S. T. U.		77777		1958		59		5900			
V. W. X.		88888		1959		60		6000			
Y. Z. A.		99999		1960		61		6100			
B. C. D.		00000		1961		62		6200			
E. F. G.		11111		1962		63		6300			
H. I. J.		22222		1963		64		6400			
K. L. M.		33333		1964		65		6500			
N. O. P.		44444		1965		66		6600			
Q. R. S.		55555		1966		67		6700			
T. U. V.		66666		1967		68		6800			
W. X. Y.		77777		1968		69		6900			
Z. A. B.		88888		1969		70		7000			
C. D. E.		99999		1970		71		7100			
F. G. H.		00000		1971		72		7200			
I. J. K.		11111		1972		73		7300			
L. M. N.		22222		1973		74		7400			
O. P. Q.		33333		1974		75		7500			

FATS AND OILS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2091—Cottonseed Oil Mills
- 2092—Soybean Oil Mills
- 2093—Vegetable Oil Mills, Except Cottonseed and Soybean
- 2094—Animal and Marine Fats and Oils, Including Grease and Tallow
- 2096—Shortening, Table Oils, Margarine and Other Edible Fats and Oils, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

This group of industries comprises establishments primarily engaged in extracting and refining vegetable or animal fats and oils and in producing margarine, shortening, cooking and salad oils. Mills engaged in extracting oils frequently engage in further processing such as refining (alkali or caustic treatment of oils), hydrogenating, blowing, blending, and fractionating of inedible oils. However, most refined oils (alkali or caustic treated) are produced by establishments primarily engaged in producing products which contain a large proportion of fats and oils, such as shortening, margarine, paint, soap, etc. Plants which produce refined oil for use in the same plant in shortening or margarine are classified in industry 2096; for use in medicinal chemicals in industry 2833, Medicinals and Botanicals; in soap in industry 2841, Soap and Other Detergents; in manufacturing sulfonated oils in industry 2843, Surface Active Agents; in paints in industry 2851, Paints and Allied Products; in distilling or refining essential oils in industry 2899, Chemical Preparations, N.E.C. Establishments primarily engaged in rendering lard or edible tallow are classified in industry 2011, Meat Slaughtering Plants.

The vegetable oil mill extraction process yields crude oil and byproduct cake and meal. The value of shipments of the byproducts represents a significant portion of the total shipments of products primary to each of the industries in this group, ranging from 62 percent for the products primary to industry 2092, Soybean Oil Mills, to 20 percent for industry 2093, Vegetable Oil Mills, N.E.C., in 1963. Because the vegetable oil crushing equipment may be used for many varieties of seeds or beans, it is also characteristic for many of these plants not to specialize exclusively in the crushing of a specific oil. Thus, some

cottonseed oil mills also crush peanuts or soybeans, and soybean oil mills may also crush flaxseed. Table 5A partially describes the extent of this diversification.

Monthly data relating to receipts of raw materials and quantities crushed are published by the Census Bureau in Current Industrial Reports Series M20J, Vegetable Oil Crushers. Monthly information regarding production of refined oils and the consumption of fats and oils by class of product appears in Current Industrial Reports Series M20K, Production, Consumption in Selected Products: Factory and Warehouse Stocks. For most of the products shown in table 6A, the production figures are in rather close agreement with those compiled and published each month in the Current Industrial Reports. Differences are attributable mainly to fiscal year reporting by a number of large companies in the 1963 Census of Manufactures, variations in reporting, and differences in coverage. For example, the figures reported in the census of manufactures relating to the production of refined coconut oil and processed linseed oil were considerably less than those reported in the monthly survey. The 1963 census did not request information on the production of these oils from soap and paint manufacturers who produce considerable quantities for use in the same plant. Information on the shipments of these oils was secured, however. Likewise, information reported on the production of tung oil and peanut oil was less than reported in the monthly survey since considerable quantities of these oils are produced at locations which are not included in the census of manufactures: farms, agricultural service establishments (peanut shellers), etc.

2091—COTTONSEED OIL MILLS

This industry comprises establishments primarily engaged in manufacturing cottonseed oil, and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2096. For a detailed list of primary products of industry 2091, refer to table 6A, product codes 2091111 to 2091000.

The specialization and coverage ratios for industry 2091 were over 89 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

Refined cottonseed oil production (including captive production by establishments which consume the refined oil in manufacturing edible oils and margarine) in 1963 totaled 1,617 million pounds. Of this total, 32 percent was for commercial sale, 3 percent for interplant transfer; most of the remainder was consumed in the same plant.

The production index for the primary products of the industry increased to 96 in 1963 from the 1958 level of 79. The unit value index for 1963 was 89 compared to 86 in 1958. Both indexes were computed on a basis of 1954 = 100.

2092—SOYBEAN OIL MILLS

This industry comprises establishments primarily engaged in manufacturing soybean oil, and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2096. For a detailed list of primary products of industry 2092, refer to table 6A, product codes 2092111 to 2092000.

The value of shipments of industry 2092, Soybean Oil Mills, totaled \$1,473 million. This amount included shipments of primary products (soybean oil, meal, and lecithin) valued at \$1,229 million, shipments of secondary products valued at \$145 million, and miscellaneous receipts (chiefly resales) at about \$99 million.

Shipments of soybean oil mill products by this industry represented 89 percent of its total product shipments. In 1958 this primary product specialization ratio was 87 percent. Secondary products shipped by industry 2092 in 1963 consisted mainly of prepared animal feeds, \$50-\$100 million.

Shipments of soybean oil mill products represented 95 percent of the soybean oil mill products, valued at \$1,294 million, shipped by all industries. This coverage ratio in 1958 was 94 percent. Other industries shipping soybean oil mill products consisted mainly of industry 2091, Cottonseed Oil Mills, \$26 million; industry 2093, Vegetable Oil Mills, N.E.C., \$2 million; and industry 2096, Shortening and Cooking Oils, \$25 million.

Aggregate output of refined soybean oil (including captive production by establishments which consume the refined oil in manufacturing edible oils and margarine) in 1963 was 3,915 million pounds. Of this total, 13 percent was for commercial sale, and most of the remainder was consumed in the producing plants.

The production index for the primary products of the industry increased to 204 in 1963 from the 1958 level of 156. The unit value index for 1963 was 84 compared to 77 in 1958. Both indexes were computed on a basis of 1954 = 100.

2093—VEGETABLE OIL MILLS, EXCEPT COTTONSEED AND SOYBEAN

This industry comprises establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except cottonseed and soybean. Establishments primarily engaged in refining vegetable oils into edible cooking oils are classified in industry 2096, and those refining these oils for medicinal purposes in industry 2833. For a detailed list of primary products of industry 2093, refer to table 6A, product codes 2093111 to 2093000.

The value of shipments of industry 2093, Vegetable Oil Mills, N.E.C., totaled \$234 million. This amount included shipments of primary products (vegetable oils and meals, n.e.c.) valued at \$163 million, shipments of secondary products valued at \$30 million, and miscellaneous receipts (chiefly resales) at \$41 million.

Industry 2093 shipments of primary products represented 84 percent of its total product shipments (primary and secondary). In 1958 this primary product specialization ratio was 80 percent.

Industry 2093 shipments of primary products (vegetable oils and cake and meal, n.e.c.) represented 83 percent of these products valued at \$197 million, shipped by all industries. This coverage ratio in 1958 was 93 percent.

The production index for the primary products of the industry increased to 90 in 1963 from the 1958 level of 80. The unit value index for 1963 was 82 compared to 91 in 1958. Both indexes were computed on a basis of 1954 = 100.

2094—ANIMAL AND MARINE FATS AND OILS, INCLUDING GREASE AND TALLOW

This industry comprises establishments primarily engaged in rendering inedible grease and tallow from animal fat, bone, and meat scraps, or in manufacturing animal oil, n.e.c., including fish oil and other marine animal oils, and byproduct meal. Establishments primarily engaged in refining marine animal oils for medicinal purposes are classified in industry 2833. Establishments primarily engaged in manufacturing fatty acids are classified in industry 2894. Establishments primarily engaged in manufacturing lard are classified in industry 2011. For a detailed list of products of industry 2094, refer to table 6A, product codes 2094112 to 2094000.

Value of shipments and other receipts of industry 2094, Animal and Marine Fats and Oils, totaled \$474 million. This amount included shipments of animal and marine oil mill products by this industry, valued at \$430 million, shipments of other products of all shipments valued at \$24 million, and miscellaneous receipts at \$19 million.

This industry's shipments of animal and marine oil mill products represented 94 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent.

Shipments of animal and marine oil mill products by this industry in 1963 represented 66 percent of all shipments of these products (\$643 million) by all industries. In 1958 the coverage ratio was 61 percent. Other industries shipping animal and marine oil products consisted mainly of industry 2011, Meat Slaughtering Plants, \$152 million; industry 2031, Canned and Cured Seafoods, \$8 million; and industry 2096, Shortening and Cooking Oils, \$12 million.

The production index for the primary products of the industry increased to 140 in 1963 from the 1958 level of 107. The unit value index for 1963 was 100 compared to 113 in 1958. Both indexes were computed on a basis of 1954 = 100.

2096—SHORTENING, TABLE OILS, MARGARINE AND OTHER EDIBLE FATS AND OILS,
NOT ELSEWHERE CLASSIFIED

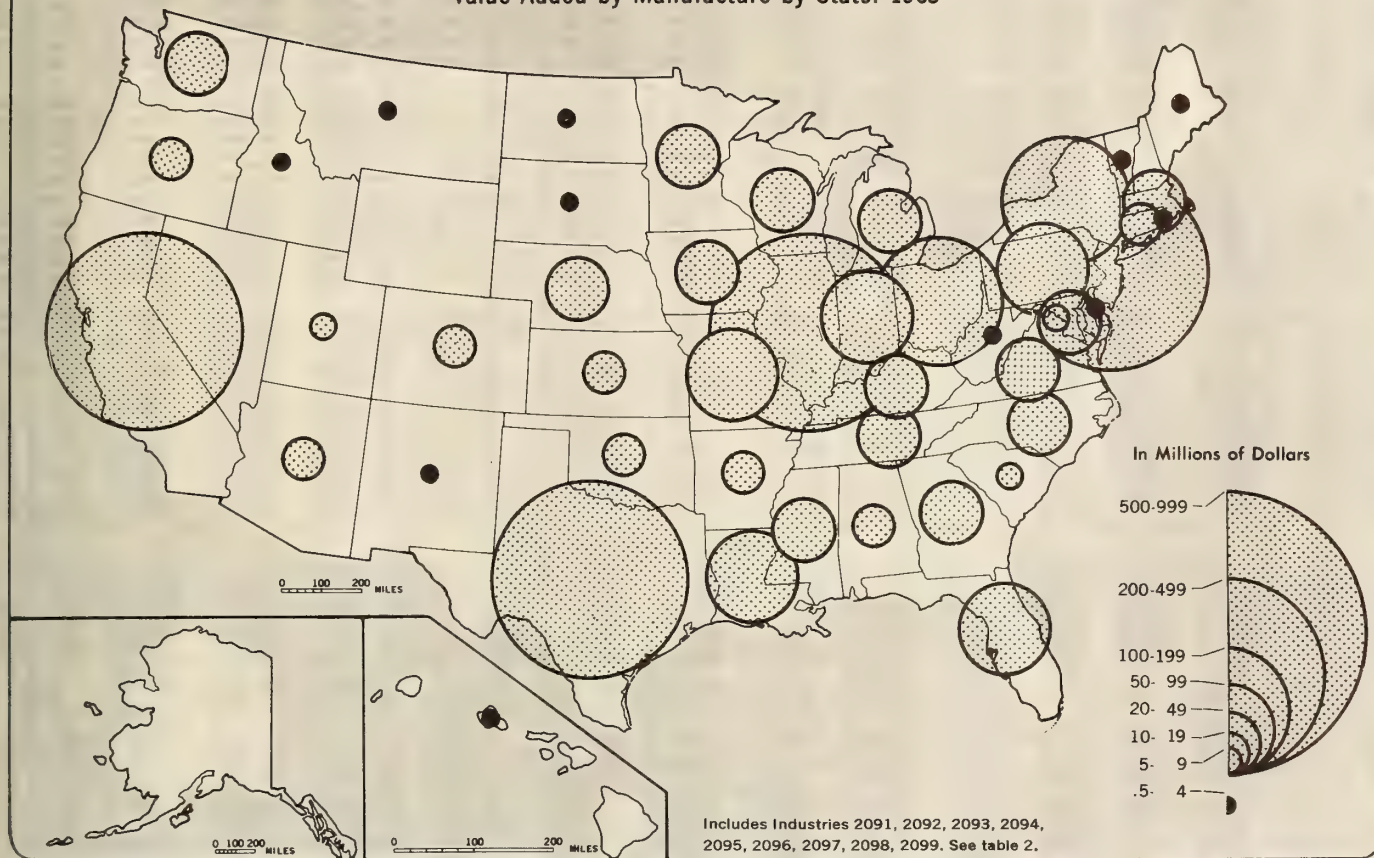
This industry comprises establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, n.e.c., by further processing of animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046. For a detailed list of primary products, refer to table 6A, product codes 2096112 to 2096201.

Value of shipments and other receipts of the Shortening and Cooking Oils Industry totaled \$1,324 million. This amount included shipments of margarine and shortening and cooking oil products (primary products) valued at \$1,092 million, shipments of other products (secondary products) valued at \$155 million, and miscellaneous receipts (mainly resales) at \$78 million.

The specialization and coverage ratios for industry 2096 were over 88 percent in 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 135 in 1963 from the 1958 level of 110. The unit value index for 1963 was 82 compared to 93 in 1958. Both indexes were computed on a basis of 1954 = 100.

MISCELLANEOUS FOODS AND KINDRED PRODUCTS: SIC 209 Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

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TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2091.—COTTONSEED OIL MILLS														
1963.....	115	188	153	8,372	38,173	6,569	16,556	26,014	100,815	464,670	555,188	12,475	89	91
1962 ¹	(NA)	(NA)	(NA)	8,391	34,974	6,610	16,354	23,535	76,746	415,207	511,745	25,955	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	8,152	33,995	6,421	16,219	22,358	89,376	398,818	478,384	6,019	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	8,599	33,271	6,817	16,663	21,838	78,151	360,386	443,265	4,950	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	8,877	33,623	6,972	17,292	22,088	66,417	360,672	429,342	4,984	(NA)	(NA)
1958.....	125	214	163	8,355	31,223	6,310	14,899	20,006	63,587	348,580	420,649	6,605	92	92
1957 ¹	(NA)	(NA)	(NA)	10,480	36,265	7,866	17,347	24,099	96,589	396,485	489,355	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	11,196	38,876	8,363	18,760	25,407	109,298	380,292	472,436	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	11,853	37,160	8,955	21,587	24,387	69,529	374,968	456,428	(S)	(NA)	(NA)
1954.....	145	286	144	13,665	43,103	11,082	27,080	29,831	111,734	487,726	592,298	11,680	96	93
1953 ¹	(NA)	(NA)	(NA)	14,430	43,599	11,736	29,981	30,847	121,333	534,310	655,643	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	14,488	41,706	11,741	31,581	30,011	95,079	485,427	580,506	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	14,150	38,694	11,556	30,010	27,500	115,515	460,301	575,816	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	15,231	39,073	12,795	33,608	28,652	110,373	361,018	471,391	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	15,533	36,991	12,959	35,218	27,753	84,896	378,062	462,958	(NA)	(NA)	(NA)
1947.....	172	315	(NA)	14,398	31,419	12,136	30,996	22,560	104,603	413,488	518,091	(NA)	90	90
1939.....	(NA)	447	(NA)	18,519	14,881	15,191	(NA)	8,939	32,712	138,764	171,476	(NA)	(NA)	(NA)
1937.....	(NA)	447	(NA)	19,369	14,182	16,583	(NA)	8,552	46,296	195,747	242,043	(NA)	(NA)	(NA)
1935.....	(NA)	458	(NA)	15,695	10,631	13,226	(NA)	5,912	27,335	160,552	187,887	(NA)	(NA)	(NA)
1933.....	(NA)	475	(NA)	16,473	9,001	14,242	(NA)	5,376	25,983	78,229	104,212	(NA)	(NA)	(NA)
1931.....	(NA)	504	(NA)	(NA)	(NA)	12,268	(NA)	8,335	34,182	147,165	181,347	(NA)	(NA)	(NA)
1929.....	(NA)	553	(NA)	19,005	17,936	15,825	(NA)	11,203	49,356	249,020	298,376	(NA)	(NA)	(NA)
1927.....	(NA)	547	(NA)	21,606	20,972	18,434	(NA)	14,259	56,300	220,038	276,338	(NA)	(NA)	(NA)
1925.....	(NA)	535	(NA)	19,156	17,630	16,215	(NA)	11,412	51,370	244,315	295,685	(NA)	(NA)	(NA)
1923.....	(NA)	511	(NA)	15,924	14,037	12,745	(NA)	7,908	28,873	197,515	226,388	(NA)	(NA)	(NA)
1921.....	(NA)	610	(NA)	19,656	19,686	16,163	(NA)	12,340	22,361	194,864	217,225	(NA)	(NA)	(NA)
1919.....	(NA)	711	(NA)	32,048	30,551	26,766	(NA)	20,615	86,053	495,192	581,245	(NA)	(NA)	(NA)
1914.....	(NA)	882	(NA)	26,867	14,409	21,810	(NA)	8,490	31,151	180,976	212,127	(NA)	(NA)	(NA)
1909.....	(NA)	817	(NA)	21,163	10,130	17,071	(NA)	5,835	28,035	119,833	147,868	(NA)	(NA)	(NA)
1904.....	(NA)	715	(NA)	18,769	7,900	15,540	(NA)	4,838	16,378	80,030	96,408	(NA)	(NA)	(NA)
1899.....	(NA)	369	(NA)	12,576	4,723	11,007	(NA)	3,143	13,561	45,166	58,727	(NA)	(NA)	(NA)
INDUSTRY 2092.—SOYBEAN OIL MILLS														
1963.....	68	102	71	6,478	39,893	4,568	10,057	25,715	152,143	1,334,575	1,473,385	10,238	89	95
1962 ¹	(NA)	(NA)	(NA)	7,270	41,284	5,062	11,043	26,385	147,734	1,199,862	1,345,720	14,154	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	7,719	43,412	5,403	11,810	27,266	166,100	1,138,758	1,284,062	14,799	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	7,728	42,281	5,571	12,310	27,024	131,600	1,001,542	1,132,731	13,798	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	8,136	42,736	6,065	13,505	28,754	147,455	1,008,016	1,146,901	26,552	(NA)	(NA)
1958.....	66	117	83	8,095	41,909	5,742	12,828	27,067	139,612	947,045	1,080,798	14,668	87	94
1954.....	55	88	69	6,922	29,453	5,447	11,624	20,679	107,218	767,713	877,408	8,479	88	96
1953 ¹	(NA)	(NA)	(NA)	5,804	24,380	4,455	9,864	17,356	70,912	554,752	625,664	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	7,655	28,289	5,951	13,591	20,745	113,012	693,792	806,804	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	6,829	22,795	5,334	12,263	17,036	114,445	482,570	597,015	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	6,264	20,141	4,708	10,766	14,184	90,725	435,843	526,568	(NA)	(NA)	(NA)
1947.....	105	133	(NA)	6,460	18,773	5,076	11,459	13,489	105,291	480,418	585,709	(NA)	(NA)	(NA)
1939 ²	(NA)	47	(NA)	2,010	2,851	1,481	(NA)	1,889	9,512	34,435	43,947	(NA)	(NA)	(NA)
1937 ³	(NA)	26	(NA)	(NA)	(NA)	871	(NA)	1,192	4,362	19,950	24,312	(NA)	(NA)	(NA)
INDUSTRY 2093.—VEGETABLE OIL MILLS, N.E.C. ⁴														
1963.....	39	47	22	1,952	11,501	1,507	3,189	8,094	42,692	194,352	234,168	1,561	84	83
1962 ¹	(NA)	(NA)	(NA)	1,769	9,865	1,357	2,955	7,012	34,285	273,952	308,648	1,219	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	1,858	9,555	1,424	2,898	6,784	42,228	289,652	327,624	517	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	1,939	9,944	1,478	2,977	6,874	34,142	294,339	331,661	1,106	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	2,235	12,610	1,806	3,908	9,658	46,349	311,296	357,708	1,686	(NA)	(NA)
1958.....	38	46	20	2,252	12,525	1,794	3,861	9,544	42,066	270,651	314,695	2,032	80	93
1954.....	(NA)	63	36	3,723	14,823	2,919	6,520	11,197	36,654	299,454	338,100	3,781	75	85
1947.....	(NA)	101	(NA)	6,613	17,892	5,641	13,020	13,501	119,752	406,652	526,404	(NA)	(NA)	(NA)
1939 ⁵	(NA)	63	(NA)	(NA)	(NA)	2,980	(NA)	4,092	15,237	71,997	87,234	(NA)	(NA)	(NA)
INDUSTRY 2094.—ANIMAL AND MARINE FATS AND OILS ⁶														
1963.....	516	615	211	14,276	78,305	10,260	22,714	51,254	193,326	280,393	473,993	13,659	94	66
1962 ¹	(NA)	(NA)	(NA)	13,256	74,215	9,797	21,164	49,959	168,249	231,996	400,577	20,550	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	12,604	68,976	9,368	20,474	46,526	163,996	219,023	376,306	15,347	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	13,680	69,894	10,037	21,770	46,919	129,080	190,253	317,975	13,923	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	14,023	67,007	10,552	21,849	45,874	140,259	222,680	353,131	19,246	(NA)	(NA)
1958 ¹	(NA)	617	210	14,575	67,869	10,908	23,628	46,373	151,595	238,452	389,298	12,745	93	61
1954.....	427	561	181	13,760	55,063	10,369	23,951	37,573	118,438	186,495	304,171	12,682	(NA)	(NA)
1947.....	473	627	(NA)	14,517	44,409	11,898	(NA)	33,146	135,205	212,842	346,231	(NA)	(NA)	(NA)
1939 ⁷	(NA)	396	(NA)	(NA)	(NA)	6,868	(NA)	8,002	26,511	52,623	79,134	(NA)	(NA)	(NA)
1937.....	(NA)	266	(NA)	6,078	9,022	5,200	(NA)	6,763	19,289	32,980	52,269	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
INDUSTRY 2094.—ANIMAL AND MARINE FATS AND OILS—Continued														
1935.....	(NA)	259	(NA)	5,713	7,701	4,761	(NA)	5,390	17,622	22,214	39,836	(NA)	(NA)	(NA)
1933.....	(NA)	201	(NA)	4,682	5,255	3,988	(NA)	4,099	12,097	14,141	26,238	(NA)	(NA)	(NA)
1931.....	(NA)	238	(NA)	(NA)	(NA)	4,067	(NA)	5,225	11,708	17,533	29,241	(NA)	(NA)	(NA)
1929.....	(NA)	297	(NA)	6,434	10,477	5,475	(NA)	7,862	21,466	40,142	61,608	(NA)	(NA)	(NA)
1927.....	(NA)	247	(NA)	6,102	10,213	5,052	(NA)	7,403	18,008	38,272	56,280	(NA)	(NA)	(NA)
1925.....	(NA)	263	(NA)	6,278	9,808	5,303	(NA)	7,508	17,729	33,713	51,442	(NA)	(NA)	(NA)
1923.....	(NA)	254	(NA)	6,244	9,198	5,248	(NA)	7,004	17,359	31,275	48,634	(NA)	(NA)	(NA)
1921.....	(NA)	265	(NA)	5,284	7,032	4,428	(NA)	5,429	9,419	17,787	27,206	(NA)	(NA)	(NA)
1919.....	(NA)	482	(NA)	7,822	9,959	6,647	(NA)	7,954	19,509	47,756	67,265	(NA)	(NA)	(NA)
1914.....	(NA)	369	(NA)	5,890	4,541	5,106	(NA)	3,512	7,840	17,061	24,901	(NA)	(NA)	(NA)
1909.....	(NA)	353	(NA)	5,140	3,620	4,357	(NA)	2,629	7,876	15,543	23,419	(NA)	(NA)	(NA)
1904.....	(NA)	300	(NA)	4,109	2,697	3,628	(NA)	2,114	6,446	12,369	18,815	(NA)	(NA)	(NA)
1899.....	(NA)	287	(NA)	2,296	1,333	2,040	(NA)	1,067	3,201	8,752	11,953	(NA)	(NA)	(NA)
INDUSTRY 2096.—SHORTENING AND COOKING OILS														
1963.....	65	115	86	13,511	88,606	8,880	19,001	54,767	264,501	1,061,949	1,324,357	19,490	88	89
1962 ¹	(NA)	(NA)	(NA)	(13,811)	(90,888)	(9,431)	(20,276)	(56,828)	(290,200)	(1,391,565)	(1,672,127)	(21,443)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	12,781	81,149	8,751	18,422	50,519	222,399	1,070,163	1,285,272	20,269	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,652	73,032	8,221	17,930	47,195	226,511	833,604	1,051,510	17,625	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	12,399	73,197	8,618	18,481	45,440	229,493	958,844	1,189,574	12,488	(NA)	(NA)
1958 ⁸	62	105	80	12,489	70,993	8,569	18,414	44,196	221,519	1,016,474	1,239,129	12,389	93	90
1954.....	(NA)	135	81	12,024	52,877	8,590	17,697	33,885	227,804	933,397	1,154,236	12,449	86	83
1953 ¹	(NA)	(NA)	(NA)	11,148	48,603	7,915	16,660	30,604	171,987	755,613	927,600	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	12,246	50,417	8,948	19,320	34,179	193,338	735,404	924,110	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	11,493	45,088	8,576	18,057	30,216	179,342	872,167	1,046,869	(NA)	(NA)	(NA)
1947.....	(NA)	127	(NA)	10,570	32,887	7,737	16,279	21,577	205,896	907,154	1,099,311	(NA)	(NA)	(NA)
1939 ⁹	(NA)	100	(NA)	(NA)	(NA)	5,897	(NA)	6,933	45,498	180,477	225,975	(NA)	(NA)	(NA)
1937.....	(NA)	64	(NA)	7,703	10,566	6,115	(NA)	7,258	48,688	235,370	284,061	(NA)	(NA)	(NA)
1935.....	(NA)	62	(NA)	7,410	8,794	6,041	(NA)	6,012	43,822	201,269	245,091	(NA)	(NA)	(NA)
1933.....	(NA)	65	(NA)	5,570	5,915	4,499	(NA)	4,072	22,135	76,461	98,596	(NA)	(NA)	(NA)
1931.....	(NA)	82	(NA)	(NA)	(NA)	4,735	(NA)	5,363	23,010	115,110	138,120	(NA)	(NA)	(NA)
1929.....	(NA)	81	(NA)	5,887	8,755	4,520	(NA)	5,645	31,154	169,921	201,075	(NA)	(NA)	(NA)
1927 ⁹	(NA)	69	(NA)	5,254	7,453	4,157	(NA)	4,882	23,526	164,224	187,750	(NA)	(NA)	(NA)
1925 ¹⁰	(NA)	64	(NA)	4,420	5,874	3,601	(NA)	4,117	22,814	127,044	149,860	(NA)	(NA)	(NA)
1923.....	(NA)	58	(NA)	4,198	5,562	3,168	(NA)	3,327	16,572	78,168	94,740	(NA)	(NA)	(NA)
1921.....	(NA)	69	(NA)	4,165	6,319	3,127	(NA)	3,784	13,527	59,138	72,665	(NA)	(NA)	(NA)
1919.....	(NA)	69	(NA)	7,939	8,827	5,241	(NA)	5,607	24,167	176,898	201,065	(NA)	(NA)	(NA)
1914 ¹¹	(NA)	37	(NA)	3,841	2,713	2,709	(NA)	1,349	14,047	48,695	62,742	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Figures for 1939 exclude data for two establishments primarily engaged in making soy flour to avoid disclosing their operations. These establishments are included in "Flour and Meal" for 1939.

³Soybean oil mills were formerly included with the discontinued industry "Oils, N.E.C." Separate figures are not available for years prior to 1937.

⁴The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: (old SIC) 2882, Linseed Oil Mills and (old SIC) 2884, Vegetable Oil Mills, N.E.C. The data for 1954 and earlier years for these two industries have been combined.

⁵Figures for years prior to 1939 are not available for this new industry since there was a change in the definition of the old SIC component 2884. Figures for linseed oil mills along (old SIC 2882) back to 1899 are available in the 1954 Census of Manufactures publications.

⁶A revision to the 1947 Standard Industrial Classification made in 1963 combined industry 2094, Grease and Tallow, and industry 2095, Animal and Marine Fats and Oils, Except Grease and Tallow, into industry 2094, Animal and Marine Fats and Oils. The data for 1962-1939 for these two industries have been combined.

⁷Data prior to 1939 data cover only (old SIC) 2904, Grease and Tallow.

⁸The 1957 Standard Industrial Classification combined into this industry two industries which were separate in the 1945 Standard Industrial Classification. These were: (old SIC) 2092, Shortening and Cooking Oils and (old SIC) 2093, Margarine. The data for years prior to 1958 have been combined.

⁹Figures for the Shortening and Cooking Oils Industry (old SIC 2092) are not completely comparable with those for earlier years. Value added for 1939, the new industry, comparable with earlier years would be \$44.2 million.

¹⁰Figures for 1914-1925 exclude data for establishments primarily engaged in the manufacture of vegetable oils, whereas 1927-1954 figures include such data.

¹¹Information for prior years is not available since "Shortening and Cooking Oils" was then included with "Food Preparations, NEC."

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2091.—COTTONSEED OIL MILLS													
Total.....	188	153	8,372	38,173	6,569	16,556	26,014	100,815	464,670	555,188	12,475	8,355	63,587
North East and North Central.....	7	3	127	521	97	239	336	1,004	7,628	8,633	24	106	799
South Atlantic.....	31	22	1,031	4,221	803	2,060	2,741	7,920	44,140	51,234	704	1,522	7,720
North Carolina.....	10	7	376	1,597	285	727	948	2,279	14,559	15,883	314	435	1,520
South Carolina.....	11	6	278	1,128	229	625	797	2,493	13,391	16,021	261	460	3,035
Georgia.....	10	9	377	1,496	289	708	996	3,148	16,190	19,330	129	627	3,165
East South Central.....	45	42	2,071	9,061	1,620	4,193	6,129	20,005	113,245	128,608	1,047	1,600	7,710
Tennessee.....	12	10	647	3,105	481	1,191	1,951	6,287	40,305	45,569	196	533	2,669
Alabama.....	12	11	438	1,738	350	884	1,197	3,677	16,173	19,741	177	384	1,368
Mississippi.....	21	21	986	4,218	789	2,118	2,981	10,041	56,767	63,298	674	683	3,673
West South Central.....	83	66	3,533	15,059	2,879	7,511	10,922	43,787	216,445	257,884	2,172	3,698	27,082
Arkansas.....	13	12	676	2,757	557	1,417	2,120	6,152	38,178	44,104	471	480	2,650
Texas.....	56	43	2,432	10,362	1,984	5,122	7,387	32,622	156,947	188,278	1,346	2,701	21,031
Mountain.....	10	10	577	2,885	436	1,081	1,953	9,387	30,254	38,352	912	1,429	20,276
Pacific.....	12	10	1,033	6,426	734	1,472	3,933	18,712	52,958	70,477	7,616		
California.....	12	10	1,033	6,426	734	1,472	3,933	18,712	52,958	70,477	7,616	902	15,220
INDUSTRY 2092.—SOYBEAN OIL MILLS													
Total.....	102	71	6,478	39,893	4,568	10,057	25,715	152,143	1,334,575	1,473,385	10,238	8,095	139,612
Middle Atlantic.....	3	-	11	64	8	12	35	195	283	476	(D)	(²)	(²)
East North Central.....	31	25	3,247	21,866	2,288	4,899	14,133	80,973	640,625	716,039	5,199	4,153	73,122
Illinois.....	21	16	2,205	15,251	1,579	3,401	9,872	64,834	443,625	499,969	3,727	2,687	49,533
West North Central.....	33	27	1,804	11,099	1,195	2,757	7,058	44,337	408,949	447,180	2,573	1,903	37,010
Minnesota.....	5	4	267	1,868	192	462	1,314	10,507	76,188	82,871	212	368	5,866
Iowa.....	18	15	906	5,837	612	1,396	3,716	24,721	225,953	248,881	1,518	970	21,963
Missouri.....	4	4	395	2,150	215	482	1,148	4,730	58,673	62,975	513	432	6,753
South Atlantic.....	8	5	341	1,609	263	569	997	7,583	59,900	65,783	509	245	2,277
East South Central.....	11	8	728	3,703	545	1,193	2,439	14,249	162,541	176,578	1,117	1,306	22,907
Tennessee.....	5	4	387	2,029	279	597	1,332	7,285	111,564	118,323	591	645	14,061
West South Central.....	7	5	280	1,179	221	519	834	3,834	58,777	62,882	794	394	2,690
West.....	9	1	67	373	48	108	219	972	3,500	4,447	(D)	(²)	(²)
INDUSTRY 2093.—VEGETABLE OIL MILLS, N.E.C.													
Total.....	47	22	1,952	11,501	1,507	3,189	8,094	42,692	194,352	234,168	1,561	2,252	42,066
North East and North Central.....	12	7	777	5,252	604	1,356	3,896	19,867	82,766	102,424	447	1,388	30,648
Minnesota.....	4	4	412	2,839	341	729	2,179	12,948	62,489	74,886	188	814	15,775
South.....	18	5	549	1,768	492	913	1,348	10,019	24,508	31,372	376	217	966
West.....	17	10	626	4,481	411	920	2,850	12,806	87,078	100,372	738	647	10,452
INDUSTRY 2094.—ANIMAL AND MARINE FATS AND OILS													
Total.....	615	211	14,276	78,305	10,260	22,714	51,254	193,326	280,393	473,993	13,659	14,575	151,595
Northeast.....	133	53	3,774	22,658	2,463	5,405	13,961	49,253	68,892	118,712	3,277	(²)	(²)
Maine.....	9	2	152	783	113	280	540	2,143	1,965	3,642	(D)	(²)	(²)
Massachusetts.....	15	7	561	3,273	295	649	1,639	6,492	9,852	16,379	421	506	1,552
New York.....	27	13	965	6,288	667	1,531	4,279	14,143	14,570	28,371	521	1,469	14,913
Pennsylvania.....	51	17	1,093	5,951	711	1,526	3,588	12,494	18,222	30,651	800	(²)	(²)
North Central.....	205	56	4,452	26,093	3,051	7,193	16,582	61,706	90,633	151,123	3,347	(²)	(²)
Ohio.....	21	7	692	4,579	384	929	2,373	10,311	15,823	25,816	542	(²)	(²)
Illinois.....	27	9	1,039	6,263	685	1,428	3,964	14,416	30,070	44,241	551	1,052	14,828
Michigan.....	11	4	500	3,358	368	872	2,398	8,013	7,115	15,017	237	596	6,698
Wisconsin.....	20	5	297	1,530	238	579	1,132	5,492	7,519	12,954	197	245	2,837
Minnesota.....	23	8	429	2,105	362	938	1,671	4,238	3,906	8,115	213	293	3,061
Iowa.....	30	4	371	1,985	251	621	1,179	5,253	7,027	12,202	381	471	4,120
Missouri.....	15	4	233	1,234	161	374	701	2,186	3,797	5,983	291	(²)	(²)
Nebraska.....	21	5	273	1,572	209	502	1,145	5,093	4,452	9,443	416	225	3,828
Kansas.....	9	2	125	696	75	182	358	1,736	3,855	5,448	133	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2094.—ANIMAL AND MARINE FATS AND OILS—Continued													
South Atlantic.....	79	37	2,105	9,074	1,567	3,434	5,685	22,784	37,629	61,628	2,621	(²)	(²)
Maryland.....	9	5	234	1,158	162	359	694	3,676	6,343	9,718	313	(²)	(²)
Virginia.....	12	9	489	2,081	367	819	1,265	4,766	8,281	13,418	437	(²)	(²)
North Carolina...	21	9	608	2,340	428	835	1,354	5,711	7,958	13,663	1,243	769	7,623
Georgia.....	12	5	257	1,139	196	426	690	2,877	5,858	8,762	125	(²)	(²)
East South Central.	33	14	755	2,764	608	1,035	1,908	7,467	14,446	21,945	474	(²)	(²)
Tennessee.....	10	3	174	701	133	293	495	1,385	4,458	5,864	95	(²)	(²)
Mississippi.....	8	5	324	946	278	321	672	3,095	5,302	8,470	109	(²)	(²)
West South Central.	63	31	1,515	6,205	1,225	2,826	4,461	19,312	23,292	42,474	1,755	(²)	(²)
Arkansas.....	6	5	182	768	117	296	445	3,869	2,656	6,509	59	(²)	(²)
Louisiana.....	12	8	498	1,858	464	976	1,578	7,510	7,301	14,935	399	(²)	(²)
Oklahoma.....	8	2	122	485	93	216	363	1,136	1,307	2,425	55	(²)	(²)
Texas.....	37	16	713	3,094	551	1,338	2,075	6,797	12,028	18,605	1,242	(²)	(²)
Mountain.....	27	3	295	1,774	217	513	1,165	4,305	5,552	9,937	889	1,720	19,057
Colorado.....	8	2	113	723	70	152	367	1,911	2,733	4,708	755		
Pacific.....	75	17	1,380	9,737	1,129	2,309	7,492	28,499	39,949	68,174	1,296	(²)	(²)
Washington.....	16	4	189	1,145	134	278	805	3,393	3,328	6,647	265	(²)	(²)
California.....	48	12	1,118	8,170	935	1,916	6,388	24,070	35,751	59,578	986	(²)	(²)
INDUSTRY 2096.—SHORTENING AND COOKING OILS													
Total.....	115	86	13,511	88,606	8,880	19,001	54,767	264,501	1,061,949	1,324,357	19,490	12,488	221,519
Northeast.....	22	15	3,032	19,439	1,877	3,947	11,972	47,991	189,123	236,259	6,542	2,332	46,020
New Jersey.....	11	9	2,514	15,407	1,527	3,187	9,431	39,614	137,425	176,307	6,197	1,726	30,926
East North Central.	27	21	4,138	29,458	2,789	6,103	19,168	95,066	341,039	438,333	5,563	4,039	89,689
Ohio.....	5	3	1,090	8,250	709	1,605	5,037	25,622	77,569	103,864	1,546	(²)	(²)
Illinois.....	16	14	2,063	14,467	1,355	2,865	8,929	41,144	213,175	255,805	2,133	2,130	39,372
West North Central.	5	4	393	2,935	252	544	1,836	8,721	30,804	38,375	345	353	4,890
South Atlantic.....	14	12	1,121	6,114	710	1,513	3,455	21,417	87,669	105,901	538	1,077	14,747
Georgia.....	7	7	670	3,641	462	969	2,374	13,038	59,648	69,731	364	693	7,927
East South Central.	6	6	1,312	8,809	865	1,910	4,963	21,454	152,811	175,457	1,515	1,564	18,037
West South Central.	17	16	2,177	12,714	1,444	3,046	7,060	41,122	167,730	209,627	1,285	1,912	31,180
Texas.....	12	11	1,572	9,687	1,041	2,119	5,275	31,362	114,111	145,215	825	1,456	24,755
West.....	24	12	1,338	9,137	943	1,938	6,313	28,730	92,773	120,405	3,702	1,212	16,956

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2091, Cottonseed Oil Mills: Middle Atlantic—New York, 1 (1-19); New Jersey, 1 (1-19); Pennsylvania, 1 (1-19); West North Central—Missouri, 4 (100-249); West South Central—Louisiana, 9 (250-499); Oklahoma, 5 (100-249); Mountain—New Mexico, 3 (20-99); Arizona, 7 (250-499).

SIC 2092, Soybean Oil Mills: Middle Atlantic—New York, 3 (1-19); East North Central—Ohio, 7 (250-499); Indiana, 3 (500-999); West North Central—Nebraska, 2 (20-99); Kansas, 4 (100-249); South Atlantic—Delaware, 1 (1-19); Virginia, 1 (20-99); North Carolina, 2 (20-99); South Carolina, 3 (100-249); Georgia, 1 (20-99); East South Central—Kentucky, 3 (100-249); Alabama, 1 (1-19); Mississippi, 2 (100-249); West South Central—Arkansas, 4 (250-499); Oklahoma, 1 (1-19); Texas, 2 (20-99); Mountain—Utah, 1 (1-19); Pacific—Washington, 1 (1-19); California, 6 (20-99); Hawaii, 1 (1-19).

SIC 2093, Vegetable Oil Mills, N.E.C.: Middle Atlantic—New York, 1 (1-19); New Jersey, 3 (100-249); East North Central—Ohio, 1 (20-99); Illinois, 1 (1-19); West North Central—Missouri, 1 (1-19); Nebraska, 1 (1-19); South Atlantic—Virginia, 2 (1-19); Georgia, 1 (20-99); Florida, 6 (227); East South Central—Alabama, 1 (100-249); Mississippi, 2 (20-99); West South Central—Louisiana, 3 (20-99); Texas, 3 (20-99); Mountain—Montana, 2 (20-99); Arizona, 1 (1-19); Pacific—California, 14 (500-999).

SIC 2094, Animal and Marine Fats and Oils: New England—New Hampshire, 1 (1-19); Vermont, 1 (20-99); Rhode Island, 4 (20-99); Connecticut, 3 (136); Middle Atlantic—New Jersey, 22 (740); East North Central—Indiana, 22 (250-499); West North Central—North Dakota, 3 (20-99); South Dakota, 3 (20-99); South Atlantic—Delaware, 4 (132); District of Columbia, 1 (20-99); West Virginia, 2 (1-19); South Carolina, 4 (20-99); Florida, 14 (287); East South Central—Kentucky, 5 (30-99); Alabama, 10 (161); Mountain—Montana, 5 (20-99); Idaho, 5 (20-99); Wyoming, 1 (1-19); Arizona, 3 (20-99); Utah, 5 (20-99); Pacific—Oregon, 9 (20-99); Alaska, 1 (1-19); Hawaii, 1 (1-19).

SIC 2096, Shortening and Cooking Oils: New England—Massachusetts, 2 (1-19); Rhode Island, 1 (20-99); Middle Atlantic—New York, 5 (250-499); Pennsylvania, 3 (100-249); East North Central—Indiana, 3 (687); Michigan, 3 (298); West North Central—Missouri, 3 (250-499); Nebraska, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Maryland, 1 (100-249); Virginia, 1 (20-99); North Carolina, 2 (100-249); South Carolina, 1 (20-99); Florida, 2 (1-19); East South Central—Kentucky, 1 (250-499); Tennessee, 4 (500-999); Alabama, 1 (100-249); West South Central—Arkansas, 1 (20-99); Louisiana, 3 (250-499); Oklahoma, 1 (100-249); Mountain—New Mexico, 1 (1-19); Pacific—Washington, 1 (20-99); Oregon, 1 (1-19); California, 21 (1,245).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Cottonseed oil mills (SIC 2091)	Soybean oil mills (SIC 2092)	Vegetable oil mills, n.e.c. (SIC 2093)	Animal and marine fats and oils (SIC 2094)	Shortening and cooking oils (SIC 2096)
Primary product specialization ratio ¹.....	.89	.89	.84	.94	.88
Coverage ratio ².....	.91	.95	.83	.66	.89
Establishments, total.....number..	188	102	47	615	115
With 1 to 19 employees.....do....	35	31	25	404	29
With 20 to 99 employees.....do....	140	58	16	190	39
With 100 employees or more.....do....	13	13	6	21	47
Proprietors and working partners.....do....	21	24	8	241	13
All employees (average for the year).....do....	8,372	6,478	1,952	14,276	13,511
Payroll (all employees), total for year.....\$1,000..	38,173	39,893	11,501	78,305	88,606
Production workers:					
Average for the year.....number..	6,569	4,568	1,507	10,260	8,880
March.....do....	7,167	4,640	1,584	9,650	9,098
May.....do....	5,208	4,532	1,467	10,387	8,664
August.....do....	5,323	4,360	1,301	10,630	8,839
November.....do....	8,577	4,742	1,676	10,373	8,919
Man-hours.....1,000..	16,556	10,057	3,189	22,714	19,001
January-March.....do....	4,585	2,560	809	5,347	4,785
April-June.....do....	2,985	2,462	742	5,760	4,643
July-September.....do....	3,436	2,352	786	5,837	4,654
October-December.....do....	5,550	2,683	852	5,770	4,919
Wages.....\$1,000..	26,014	25,715	8,094	51,254	54,767
Cost of materials, etc., total.....do....	464,670	1,334,575	194,352	280,393	1,061,949
Materials, parts, containers, and supplies consumed.....do....	401,656	1,232,685	158,529	251,901	980,939
Cost of resales.....do....	52,642	85,490	33,256	14,914	67,358
Fuels consumed.....do....	2,225	8,533	1,082	9,111	8,186
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	770	669	114	242	444
Cost.....\$1,000..	8,135	7,390	1,337	4,269	4,487
Generated less sold.....million kw.-hrs..	(D)	(D)	-	(D)	(D)
Contract work.....\$1,000..	12	477	148	198	979
Value of shipments (including resales), total.....do....	555,188	1,473,385	234,168	473,993	1,324,357
Value of resales.....do....	56,063	96,445	36,353	15,209	75,501
Value added by manufacture, adjusted.....do....	100,815	152,143	42,692	193,326	264,501
Manufacturers' inventories:					
Beginning of year, total.....do....	129,836	223,236	50,593	29,880	161,894
Finished products.....do....	25,628	42,577	28,427	24,265	44,982
Work-in-process.....do....	19,539	292	317	717	66,196
Materials, supplies, fuel, etc.....do....	84,669	180,367	21,849	4,898	50,716
End of year, total.....do....	153,027	278,955	52,244	29,900	165,949
Finished products.....do....	33,010	54,329	29,340	23,397	40,973
Work-in-process.....do....	22,454	1,873	2,280	1,311	72,298
Materials, supplies, fuel, etc.....do....	97,563	222,753	20,624	5,192	52,678
Expenditures for plant and equipment, total.....do....	12,931	10,766	4,499	14,482	19,759
New, total.....do....	12,475	10,238	1,561	13,659	19,490
New structures and additions to plant.....do....	2,314	1,763	286	2,398	3,919
New machinery and equipment.....do....	10,161	8,475	1,275	11,261	15,571
Used plant and equipment.....do....	456	528	2,938	823	269
Selected operating ratios:					
Payroll/Total employment.....	4,560	6,158	5,801	5,485	6,558
Production workers/Total employment.....	.78	.71	.76	.72	.66
Man-hours/Production workers.....	2,520	2,202	2,120	2,214	2,140
Production worker wages/Man-hours.....	1.57	2.56	2.50	2.26	2.88
Cost of materials and payrolls/Total value of shipments.....	.90	.92	.88	.74	.87
Cost of materials/Total value of shipments.....	.83	.90	.84	.58	.80
Adjusted value added/Total employment.....	12,495	26,239	21,217	13,997	19,751
Salaries and wages/Adjusted value added.....	.36	.23	.27	.39	.33

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2091.—COTTONSEED OIL MILLS											
Establishments.....number..	188	13	7	15	100	40	12	1	-	-	-
All employees:											
Total.....do....	8,372	26	50	226	3,368	2,642	2,060	(D)	-	-	-
Payroll.....\$1,000..	38,173	116	210	855	14,360	11,795	10,837	(D)	-	-	-
Value added, adjusted.....do....	100,815	395	62	5,492	35,896	30,939	28,031	(D)	-	-	-
Value of shipments.....do....	555,188	2,935	4,128	25,924	204,135	170,009	148,057	(D)	-	-	-
Capital expenditures, new...do....	12,475	14	17	82	4,497	2,139	5,726	(D)	-	-	-
INDUSTRY 2092.—SOYBEAN OIL MILLS											
Establishments.....number..	102	16	6	9	25	33	6	7	-	-	-
All employees:											
Total.....do....	6,478	27	43	137	930	2,281	848	2,212	-	-	-
Payroll.....\$1,000..	39,893	118	173	766	5,606	13,649	4,890	14,691	-	-	-
Value added, adjusted.....do....	152,143	398	2,722	5,594	20,702	65,412	14,159	43,156	-	-	-
Value of shipments.....do....	1,473,385	1,938	6,480	24,087	248,285	693,746	165,819	333,030	-	-	-
Capital expenditures, new...do....	10,238	46	35	320	753	4,320	1,025	3,739	-	-	-
INDUSTRY 2093.—VEGETABLE OIL MILLS, N.E.C.											
Establishments.....number..	47	12	4	9	9	7	6	-	-	-	-
All employees:											
Total.....do....	1,952	19	26	124	269	548	966	-	-	-	-
Payroll.....\$1,000..	11,501	137	96	668	1,509	3,401	5,690	-	-	-	-
Value added, adjusted.....do....	42,692	502	448	1,340	5,649	12,788	21,965	-	-	-	-
Value of shipments.....do....	234,168	1,077	598	7,262	27,785	87,364	110,082	-	-	-	-
Capital expenditures, new...do....	1,561	28	14	127	243	776	373	-	-	-	-
INDUSTRY 2094.—ANIMAL AND MARINE FATS AND OILS											
Establishments.....number..	615	130	113	161	140	50	19	2	-	-	-
All employees:											
Total.....do....	14,276	246	773	2,258	4,367	3,273	3,359	(D)	-	-	-
Payroll.....\$1,000..	78,305	1,444	3,807	12,209	22,852	18,318	19,675	(D)	-	-	-
Value added, adjusted.....do....	193,326	4,048	9,312	28,522	60,563	40,901	49,980	(D)	-	-	-
Value of shipments.....do....	473,993	9,068	20,851	71,482	160,729	97,299	114,564	(D)	-	-	-
Capital expenditures, new...do....	13,659	483	483	2,206	4,838	3,681	1,968	(D)	-	-	-
INDUSTRY 2096.—SHORTENING AND COOKING OILS											
Establishments.....number..	115	14	6	9	16	23	35	8	3	1	-
All employees:											
Total.....do....	13,511	18	39	124	596	1,621	5,896	2,552	2,665	(D)	-
Payroll.....\$1,000..	88,606	72	209	716	3,403	9,385	38,364	17,953	18,504	(D)	-
Value added, adjusted.....do....	264,501	411	1,200	1,660	13,983	31,939	115,928	48,558	50,822	(D)	-
Value of shipments.....do....	1,324,357	2,332	2,295	7,620	57,719	149,822	642,221	278,609	183,739	(D)	-
Capital expenditures, new...do....	19,490	14,617	42	587	259	1,630	6,243	1,970	4,142	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

¹Includes \$2-\$5 million for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2091	Cottonseed oil mills.....1963..	555,188	442,987	53,030	59,171	89	490,728	442,987	47,741	91
	1958..	420,649	346,238	31,843	42,568	92	377,282	346,238	31,044	92
2092	Soybean oil mills.....1963..	1,473,385	1,229,054	145,488	98,843	89	1,293,648	1,229,054	64,594	95
	1958..	1,080,798	865,840	128,508	86,450	87	919,691	865,840	53,851	94
2093	Vegetable oil mills, n.e.c.....1963..	234,168	162,658	30,154	41,356	84	196,821	162,658	34,163	83
	1958..	314,695	177,013	45,035	92,647	80	189,261	177,013	12,248	93
2094	Animal and marine fats and oils..1963..	473,993	430,399	24,497	19,097	94	642,866	430,399	212,467	66
	1958..	389,298	323,632	23,532	42,134	93	534,264	323,632	210,632	61
2096	Shortening and cooking oils.....1963..	1,324,357	1,091,769	154,832	77,736	88	1,230,665	1,091,769	138,896	89
	1958..	1,239,129	1,080,424	83,419	75,286	93	1,191,323	1,080,424	110,899	90

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Cottonseed oil mills (SIC 2091)	Soybean oil mills (SIC 2092)	Vegetable oil mills, n.e.c. (SIC 2093)	Shortening and cooking oils (SIC 2096)	Other industries
MISCELLANEOUS FOODS AND KINDRED PRODUCTS INDUSTRY							
	Total shipments and receipts of the industry.....	(X)	555,188	1,473,385	234,168	1,324,357	(X)
2091-	Cottonseed oil mills.....	490,728	442,987	(10-20)	(2-5)	24,406	1,477
20911	Crude cottonseed oil.....	174,055	167,266	4,935	(under 2)	(under 2)	599
20912	Refined cottonseed oil.....	65,739	(20-50)	(2-5)	(2-5)	22,267	(X)
20913	Cotton linters.....	37,738	36,147	1,139	(under 2)	(under 2)	(under 2)
20914	Cottonseed cake, and meal, and other by products.....	208,133	197,219	7,684	(under 2)	(under 2)	(under 2)
20910	Cottonseed oil mills, n.s.k.....	5,063	(over 2)	(X)	(X)	(X)	(under 2)
2092-	Soybean oil mills.....	1,293,648	25,647	1,229,054	2,193	24,516	12,238
20921	Soybean oil.....	458,857	9,161	(D)	(under 2)	21,309	8,632
20922	Other soybean oil mill products, including cake and meal.....	831,370	16,486	807,595	(under 2)	(over 2)	3,606
20920	Soybean oil mills, n.s.k.....	3,421	(X)	(D)	(X)	(under 2)	(X)
2093-	Vegetable oil mills, n.e.c.....	196,821	7,978	(2-5)	162,658	19,970	(over 2)
20931	Linseed oil.....	50,163	(X)	(under 2)	47,750	(X)	(under 2)
20932	Vegetable oils other than cottonseed, soybean, and linseed.....	105,217	6,333	(under 2)	75,935	19,970	(under 2)
20933	Other vegetable oil mill products, exc. cottonseed and soybean.....	39,485	1,645	(under 2)	37,017	(X)	(under 2)
20930	Vegetable oil mills, n.e.c., n.s.k.....	1,956	(X)	(X)	1,956	(X)	(X)
2096-	Shortening and cooking oils.....	1,230,665	(over 2)	25,428	(over 2)	1,091,769	86,010
20961	Shortening and cooking oils.....	907,428	(over 2)	25,428	(over 2)	800,835	(50-100)
20962	Margarine.....	323,237	(X)	(X)	(over 2)	290,934	(20-50)
	Other products.....	(X)	(10-20)	100,577	(over 2)	85,940	(X)
20115	Lard.....	(X)	(X)	(X)	(X)	(5-10)	(X)
20354	Salad dressing, mayonnaise and sandwich spread.....	(X)	(X)	(X)	(X)	19,229	(X)
20416	Grain mill products, n.e.c.....	(X)	(X)	(over 2)	(X)	(X)	(X)
20421	Poultry feeds (complete feeds and supplements).....	(X)	(under 2)	(over 2)	(X)	(under 2)	(X)
20422	Livestock feeds (complete feeds and supplements).....	(X)	4,153	44,621	(X)	(under 2)	(X)
20943	Animal and marine oil products, including foots.....	(X)	(under 2)	(under 2)	(under 2)	11,687	(X)
20993	Sweetening sirups and molasses.....	(X)	(X)	(X)	(X)	(2-5)	(X)
20994	Baking powder and yeast.....	(X)	(X)	(X)	(X)	(over 2)	(X)
20999	Other food preparations, n.e.c.....	(X)	(X)	(under 2)	(X)	10,322	(X)
28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....	(X)	(X)	(over 2)	(under 2)	(X)	(X)
28411	Alkaline detergents and acid type cleaners.....	(X)	(X)	(X)	(X)	(over 2)	(X)
29712	Mixed fertilizers and fertilizer material of organic origin.....	(X)	5,358	(X)	(X)	(X)	(X)
28992	Fatty acids.....	(X)	(X)	(X)	(X)	4,497	(X)
28993	Essential oils, fireworks, and pyrotechnics, chemical and chemical preparation, n.e.c.....	(X)	(X)	(X)	(under 2)	7,268	(X)
	Miscellaneous secondary products.....	(X)	(under 2)	5,508	(over 2)	11,457	(X)
	Miscellaneous receipts.....	(X)	59,171	98,843	41,356	77,736	(X)
93000	Commission and contract work.....	(X)	259	(X)	2,179	1,349	(X)
99989	Resale.....	(X)	56,063	96,445	36,353	75,501	(X)
99980	Other miscellaneous receipts.....	(X)	2,849	2,398	2,824	886	(X)
	List of other industries with over \$2 million shipments of each primary product class:						
20921	2042 Prepared animal feeds.....	(X)	(X)	(X)	(X)	(X)	(over 2)
20961	2011 Meat slaughtering plants.....	(X)	(X)	(X)	(X)	(X)	32,039
20961	2035 Pickles, sauces, salad dressings.....	(X)	(X)	(X)	(X)	(X)	(10-20)
20961	2071 Confectionery products.....	(X)	(X)	(X)	(X)	(X)	(over 2)
20962	2035 Pickles, sauces, salad dressings.....	(X)	(X)	(X)	(X)	(X)	(20-50)
GREASE AND TALLOW INDUSTRY							
	Total shipments and receipts of the industry.....	(X)		473,993		(X)	(X)
	Primary products.....		642,866	430,399	152,365		60,102
20941	Grease and inedible tallow.....		264,209	180,578	73,559		10,072
20942	Feed and fertilizer by products.....		246,667	162,852	75,843		7,972
20943	Animal and marine oil mill products, including foots.....		111,338	66,422	2,876		42,040
20940	Animal and marine fats and oils, n.s.k.....		20,652	20,547	87		18
		All industries	Animal and marine fats and oils (SIC 2094)		Meat slaughtering plants (SIC 2011)		Other industries

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Animal and marine fats and oils (SIC 2094)	Meat slaughtering plants (SIC 2011)	Other industries
GREASE AND TALLOW INDUSTRY—Continued					
	Secondary products.....	(X)	24,497	(X)	(X)
20110	Other meat packing products, except sausage casings.....	(X)	2,881	(X)	(X)
20119	Hides, skins and pelts.....	(X)	9,732	(X)	(X)
28415	Synthetic organic detergents, packaged.....	(X)	(over 2)	(X)	(X)
28911	Glues and adhesives and sizes.....	(X)	(over 2)	(X)	(X)
	Other secondary products.....	(X)	5,026	(X)	(X)
	Miscellaneous receipts.....	(X)	19,097	(X)	(X)
93000	Contract work.....	(X)	3,210	(X)	(X)
99989	Resale.....	(X)	15,209	(X)	(X)
99980	Other miscellaneous receipts.....	(X)	678	(X)	(X)
List of other industries with over \$2 million shipments of each primary product class:					
20941	2891 Glue and gelatin.....	(X)	(X)	(X)	4,899
20942	2042 Prepared animal feeds.....	(X)	(X)	(X)	2,635
20943	2031 Canned and cured seafoods.....	(X)	(X)	(X)	8,058
20943	2096 Shortening and cooking oils.....	(X)	(X)	(X)	11,687
20943	2841 Soaps and other detergents.....	(X)	(X)	(X)	(over 2)

Standard Notes: - Represents zero. (d) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product class code	Product	Unit of measure	Production for all purposes including further manufacture (quantity)	Total shipments including interplant transfers		Commercial shipments	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
				1963			
2091- --	COTTONSEED OIL MILL PRODUCTS, TOTAL.....		(X)	(X)	490,728	(X)	(NA)
20911 11	Cottonseed oil, crude.....	1,000 lbs.	1,941,259	1,696,226	174,055	1,680,457	158,204
20912 11	Cottonseed oil, refined ¹.....	...do....	1,616,643	561,284	65,739	515,559	60,777
20913 11	Linters, cotton.....	...do....	986,305	941,370	37,738	(X)	(NA)
20914 --	Cottonseed cake and meal and other byproducts.....		(X)	(X)	208,133	(X)	(NA)
20914 11	Cake and meal.....	Short tons	2,744,346	2,634,125	179,086	(X)	(NA)
20914 51	Hulls.....	...do....	1,339,363	1,372,028	24,104	(X)	(NA)
20914 98	Other cottonseed byproducts.....	...do....	(X)	(X)	4,943	(X)	(NA)
20910 00	Cottonseed oil mill products, n.s.k.....		(X)	(X)	5,063	(X)	(NA)
2092- --	SOYBEAN OIL MILL PRODUCTS, TOTAL.....		(X)	(X)	1,293,648	(X)	(NA)
20921 --	Soybean oil.....	1,000 lbs.	8,895,978	4,912,470	458,857	4,727,258	441,590
20921 11	Soybean oil, crude.....	...do....	4,959,295	4,294,978	394,083	4,178,852	383,685
20921 21	Soybean oil, refined ¹.....	...do....	3,914,679	589,568	62,327	526,150	55,615
20921 31	Soybean oil processed for inedible purposes ².....	...do....	470,577	23,941	2,447	22,256	2,290
20922 --	Soybean cake and meal and other products.....		(X)	(X)	831,370	(X)	(NA)
20922 11	Cake and meal.....	Short tons	10,462,940	10,668,027	802,124	9,341,825	702,771
20922 31	Soy flour and grits.....	1,000 lbs.	325,474	363,093	18,739	(X)	(NA)
20922 51	Lecithin.....	...do....	43,905	44,162	6,111	(X)	(NA)
20922 98	Other soybean byproducts.....	...do....	136,357	136,696	4,396	(X)	(NA)
20920 00	Soybean oil mill products, n.s.k.....		(X)	(X)	3,421	(X)	(NA)
				1958			
2091- --	COTTONSEED OIL MILL PRODUCTS, TOTAL.....		(X)	(X)	377,282	(X)	(NA)
20911 11	Cottonseed oil, crude.....	1,000 lbs.	1,435,475	1,239,382	162,726	1,007,860	126,467
20912 11	Cottonseed oil, refined ¹.....	...do....	1,186,504	427,211	47,722	405,402	44,531
20913 11	Linters, cotton.....	...do....	795,518	782,212	28,689	(X)	(NA)
20914 --	Cottonseed cake and meal and other byproducts.....		(X)	(X)	131,285	(X)	(NA)
20914 11	Cake and meal.....	Short tons	2,070,381	2,136,326	107,376	(X)	(NA)
20914 51	Hulls.....	...do....	939,939	912,513	12,385	(X)	(NA)
20914 98	Other cottonseed byproducts.....	...do....	(X)	(X)	11,524	(X)	(NA)
20910 00	Cottonseed oil mill products, n.s.k.....		(X)	(X)	6,860	(X)	(NA)
2092- --	SOYBEAN OIL MILL PRODUCTS, TOTAL.....		(X)	(X)	919,691	(X)	(NA)
20921 --	Soybean oil.....	1,000 lbs.	7,062,767	3,869,616	425,890	(X)	(NA)
20921 11	Soybean oil, crude.....	...do....	3,870,025	3,457,204	378,733	3,035,337	333,703
20921 21	Soybean oil, refined ¹.....	...do....	3,131,167	353,173	43,328	325,529	39,619
20921 31	Soybean oil processed for inedible purposes ².....	...do....	61,575	59,239	3,829	(X)	(NA)
20922 --	Soybean cake and meal and other products.....		(X)	(X)	487,406	(X)	(NA)
20922 11	Cake and meal.....	Short tons	7,909,130	8,092,967	467,271	7,400,207	421,849
20922 31	Soy flour and grits.....	1,000 lbs.	213,552	261,445	15,488	(X)	(NA)
20922 51	Lecithin.....	...do....	33,749	35,783	4,647	(X)	(NA)
20922 98	Other soybean byproducts.....	...do....	(NA)	(NA)	(NA)	(X)	(NA)
20920 00	Soybean oil mill products, n.s.k.....		(X)	(X)	6,395	(X)	(NA)
				1963			
2093- --	VEGETABLE OILS AND BYPRODUCTS, EXCEPT SOYBEAN AND COTTONSEED, TOTAL.....		(X)	(X)	196,821	(X)	(NA)
20931 --	Linseed oil.....	1,000 lbs.	(X)	421,455	50,163	363,458	42,159
20931 11	Linseed oil, crude.....	...do....	398,162	69,736	8,679	46,232	5,582
20931 31	Linseed oil, processed (refined, boiled, blown, heat treated or chemically modified).....	...do....	(³)	351,719	41,484	317,226	36,577

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product class code	Product	Unit of measure	Production for all purposes including further manufacture (quantity)	Total shipments including interplant transfers		Commercial shipments	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
				1963—Continued			
2093- --	VEGETABLE OILS AND BYPRODUCTS, EXCEPT SOYBEAN AND COTTONSEED—Continued						
20932 --	Vegetable oils (other than cottonseed, soybean, and linseed, total	.....	(X)	(X)	105,217	(X)	(NA)
20932 21	Coconut oil, crude.....	1,000 lbs.	350,772	259,276	28,286	171,842	18,385
20932 23	Coconut oil, refined ¹.....	..do....	4554,500	154,898	21,646	(X)	(NA)
20932 31	Safflower oil, crude.....	..do....	4116,100	65,988	9,181	58,670	8,387
20932 33	Safflower oil, refined ¹.....	..do....	476,900	42,825	6,039	38,495	5,531
	Other vegetable oils, including peanut oil, tung oil, etc.:						
20932 62	Crude ⁵.....	..do....	89,975	67,712	9,020	67,712	9,020
20932 67	Refined ¹.....	..do....	298,421	68,731	12,885	66,347	12,450
20932 71	Processed for inedible purposes (dehydrated castor oil etc.)..	..do....	67,856	66,506	16,343	37,870	12,194
20932 00	Vegetable oils (other than cottonseed, soybean, and linseed) n.s.k.....	.....	(X)	(X)	1,817	(X)	(NA)
20933 --	Other vegetable oil mill products, except cottonseed and soybean..	.....	(X)	(X)	39,485	(X)	(NA)
20933 11	Linseed cake and meal.....	Short tons	364,905	347,588	22,097	(X)	(NA)
20933 41	Coconut cake and meal.....	..do....	99,696	105,321	7,756	(X)	(NA)
20933 98	Other vegetable oil cake and meal.....	..do....	198,344	196,159	8,860	(X)	(NA)
20933 00	Other vegetable oil mill products, except cottonseed and soybean, n.s.k.....	.....	(X)	(X)	772	(X)	(NA)
20930 00	Vegetable oil mill products, n.s.k.....	.....	(X)	(X)	1,956	(X)	(NA)
				1958			
2093- --	VEGETABLE OILS AND BYPRODUCTS, EXCEPT SOYBEAN AND COTTONSEED, TOTAL.....	.....	(X)	(X)	189,261	(X)	(NA)
20931 --	Linseed oil.....	1,000 lbs.	(X)	445,870	63,191	373,274	52,031
20931 11	Linseed oil, crude.....	..do....	455,876	256,236	36,326	229,678	32,444
20931 31	Linseed oil, processed (refined, boiled, blown, heat treated or chemically modified).....	..do....	(³)	189,634	26,865	143,596	19,587
20932 --	Vegetable oils (other than cottonseed, soybean, and linseed, total	.....	(X)	(X)	82,739	(X)	(NA)
20932 21	Coconut oil, crude.....	1,000 lbs.	414,921	366,442	52,343	296,688	43,075
20932 23	Coconut oil, refined ¹.....	..do....	4434,457	63,321	9,830	(X)	(NA)
20932 31	Safflower oil, crude.....	.....	(X)	(⁶)	(⁶)	(X)	(NA)
20932 33	Safflower oil, refined ¹.....	.....	(X)	(⁶)	(⁶)	(X)	(NA)
	Other vegetable oils, including peanut oil, tung oil, etc.:						
20932 62	Crude ⁶.....	..do....	(X)	43,333	10,595	(X)	(NA)
20932 67	Refined ¹.....	..do....	(X)	47,798	6,365	(X)	(NA)
20932 71	Processed for inedible purposes, (dehydrated castor oil etc.)..	..do....	(X)	716,453	73,606	(X)	(NA)
20932 00	Vegetable oils (other than cottonseed, soybean, and linseed) n.s.k.....	.....	(X)	(X)	(X)	(X)	(NA)
20933 --	Other vegetable oil mill products, except cottonseed and soybean..	.....	(X)	(X)	43,331	(X)	(NA)
20933 11	Linseed cake and meal.....	Short tons	445,892	492,046	27,929	(X)	(NA)
20933 41	Coconut cake and meal.....	..do....	117,947	121,269	7,268	(X)	(NA)
20933 98	Other vegetable oil cake and meal.....	.....				
20933 00	Other vegetable oil mill products, except cottonseed and soybean, n.s.k.....	.....	(X)	(X)	8,134	(X)	(NA)
20930 00	Vegetable oil mill products, n.s.k.....	.....				

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers				
			1963		1958		
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	
2094--	ANIMAL AND MARINE FATS AND OILS, TOTAL ⁸.....	.....	(X)	642,866	(X)	534,264
20941 12	Grease and inedible tallow ⁹	1,000 lbs....	4,706,271	264,209	3,259,768	246,728	
20942 --	Feed and fertilizer byproducts.....	Short tons....	2,937,284	246,667	2,037,013	174,315	
	Tankage, including garbage tankage and livestock and poultry refuse tankage:						
20942 11	Wet.....	...do.....	} ¹⁰ 2,136,102	¹⁰ 176,095	¹⁰ 1,683,913	¹⁰ 143,801	
20942 14	Dry.....	...do.....					
20942 23	Meat meal.....	...do.....	296,393	24,975	169,709	12,175	
20942 33	Bone meal.....	...do.....					
20942 43	Other feed and fertilizer byproducts including dried blood, feather meal, etc.....	...do.....	484,967	40,966	129,314	13,710	
20942 00	Feed and fertilizer, n.s.k.....	...do.....	¹¹ 55,822	4,631	54,077	4,629	
20943 --	Animal and marine fats and oils, except grease and tallow.....	.....	(X)	111,338	(X)	104,313
20943 11	Foats, animal, vegetable and fish and acidulated scrap stock....	.....	(X)	29,965	(X)	22,878
	Animal oil mill products other than fatty acids:						
20943 41	Animal stearin, inedible.....	1,000 lbs....	54,837	4,294	47,135	4,328	
20943 49	All other animal oils, except fatty acids.....	...do.....	61,355	6,360	71,326	13,447	
	Marine animal oil products:						
20943 61	Fish and marine animal oil.....	.....	(X)	24,739	(X)	20,330
20943 66	Fish scrap and meal.....	.....	(X)	41,992	(X)	31,106
20943 71	Hydrogenated fish and marine animal oil, inedible.....	.....	(X)	1,239	} (X)	6,275
20943 98	Other marine oil mill products.....	.....	(X)	2,106		
20943 00	Animal oils, n.s.k.....	.....	(X)	643	(X)	5,949
20940 00	Animal and marine fats and oils, n.s.k.....	.....	(X)	20,652	(X)	¹² 8,908
Product class code	Product	Unit of measure	Production for all purposes including further manufacture (quantity)	Total shipments including interplant transfers		Commercial shipments	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
				1963			
2096--	SHORTENING, TABLE OILS, MARGARINE, AND OTHER EDIBLE FATS AND OILS, TOTAL.....	(X)	(X)	1,230,665	(X)	(NA)
20961 --	Shortening (baking and frying fats) and cooking oils.....	(X)	(X)	907,428	(X)	(NA)
	Shortening (baking and frying fats):						
20961 12	Consumer sizes (containers 3 lbs. or less).....	1,000 lbs.	771,560	768,138	145,683	(X)	(NA)
20961 17	Commercial sizes (containers of more than 3 lbs.).....	...do.....	1,868,534	1,861,653	261,190	(X)	(NA)
20961 18	Liquid shortening (all sizes).....	...do.....	30,145	57,510	5,997	(X)	(NA)
20961 21	Mono- and di-glycerides.....	...do.....	43,129	24,274	4,660	(X)	(NA)
	Hydrogenated oils other than baking and frying fats:						
20961 41	Vegetable.....	...do.....	1,126,730	1,060,897	134,395	967,905	121,502
20961 43	Animal.....	...do.....	86,463	62,206	6,938	61,616	6,876
	Salad or cooking oils, including olive oil (refined oils, bleached, deodorized, and/or winterized):						
20961 53	Consumer sizes (1 gallon or less).....	...do.....	585,069	624,450	105,985	597,367	102,353
20961 55	Commercial sizes (more than 1 gallon).....	...do.....	1,757,020	1,791,972	215,429	1,617,583	193,753
20961 71	Vegetable oil winter stearin.....	...do.....	88,592	57,124	6,644	48,672	5,623
20961 00	Shortening and cooking oils, n.s.k.....	(X)	(X)	20,507	(X)	(NA)
20962 01	Margarine.....	1,000 lbs.	1,770,160	1,851,867	323,237	(X)	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product class code	Product	Unit of measure	Production for all purposes including further manufacture (quantity)	Total shipments including interplant transfers		Commercial shipments	
				Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
				1958			
2096- --	SHORTENING, TABLE OILS, MARGARINE, AND OTHER EDIBLE FATS AND OILS, TOTAL.....		(X)	(X)	1,191,323	(X)	(NA)
20961 --	Shortening (baking and frying fats) and cooking oils.....		(X)	(X)	895,443	(X)	(NA)
20961 12	Shortening (baking and frying fats):						
20961 17	Consumer sizes (containers 3 lbs. or less).....	1,000 lbs.	(X)	789,059	188,257	(X)	(NA)
20961 18	Commercial sizes (containers of more than 3 lbs.).....	..do....	(X)	1,348,797	230,485		
20961 21	Liquid shortening (all sizes).....		(X)	(X)	(NA)	(X)	(NA)
20961 21	Mono- and di-glycerides.....	1,000 lbs.	(X)	35,182	9,275	(X)	(NA)
20961 41	Hydrogenated oils other than baking and frying fats:						
20961 43	Vegetable.....	..do....	(X)	970,974	141,824	885,231	128,879
20961 43	Animal.....	..do....	(X)	36,475	4,872	31,452	4,176
20961 53	Salad or cooking oils, including olive oil (refined oils, bleached, deodorized, and/or winterized):						
20961 55	Consumer sizes (1 gallon or less).....	..do....	(X)	1,927,784	302,070	1,871,216	293,196
20961 55	Commercial sizes (more than 1 gallon).....	..do....					
20961 71	Vegetable oil winter stearin.....	..do....	(X)	55,193	8,065	42,367	6,218
20961 00	Shortening and cooking oils, n.s.k.....		(X)	(X)	10,597	(X)	(NA)
20962 01	Margarine.....	1,000 lbs.	(X)	1,542,961	295,880	(X)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Oil treated by alkali or caustic wash. Shipments figures exclude amounts of refined oil which have been further processed at the refining establishments by bleaching, deodorizing, and/or winterizing. Such oils are classified as shortening or cooking oils and will be included in the report for industry 2096, Shortening and Cooking Oils.

²Includes acid refined, boiled, blown, heat treated, or chemically modified oil.

³Total production not available. In the census of manufactures, data are not collected for the production of refined oils from plants making soap, paint, or other inedible products where the refining was an integral part of the soap or paint making process.

⁴Total production figures are from the Current Industrial Report "Fats and Oils, Production, Consumption, and Factory Warehouse Stocks, Summary for 1963" (Series M20K(63)-13). See footnote 3.

⁵Includes castor oil No. 1 and No. 3 crude which was published separately in 1958 census.

⁶Included with other vegetable oils in 1958.

⁷Includes only dehydrated castor oil.

⁸Edible tallow will be shown in the report for industry 2011, Meat Slaughtering Plants.

⁹Includes some data reported by fat reproducers for 1963. This duplication amounts to a minimum of 200 million pounds valued at \$8,935 thousand.

¹⁰The data for these products have been combined because of reporting difficulties. There is also a substantial but unknown amount of duplication in these figures. They include not only the shipments of the primary producers (renderers) but also shipments reported by processors and blenders that purchase meat meal and tankage, process it and sell it as a meat meal and tankage.

¹¹Quantity estimated based on the overage quantity value relationship of other products of the industry.

¹²For 1958, this represented grease, inedible tallow and feed and fertilizer byproducts not specified by kind.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
209--	Miscellaneous foods and kindred products ¹.....1963..	144	81	209--	Miscellaneous foods and kindred products ¹ —Continued		
	1958..	117	89				
2091-	Cottonseed oil mill products.....1963..	96	89	2093-	Vegetable oils and byproducts, except soybean and cottonseed—Continued		
	1958..	79	86				
20911	Cottonseed oil, crude.....1963..	93	77	20932	Vegetable oils (other than cottonseed, soybean and linseed).....1963..	119	86
	1958..	71	95		1958..	87	99
20912	Cottonseed oil, refined.....1963..	103	77	20933	Other vegetable oil mill products, except cottonseed and soybean.....1963..	90	94
	1958..	91	74		1958..	94	82
20913	Linters, cotton.....1963..	88	87				
	1958..	73	80				
20914	Cottonseed cake and meal, and other byproducts.....1963..	98	107	2094-	Animal and marine fats and oils ².....1963..	140	100
	1958..	83	80		1958..	107	113
2092-	Soybean oil mill products.....1963..	204	84	20941	Grease and inedible tallow.....1963..	145	99
	1958..	156	77		1958..	114	119
20921	Soybean oil.....1963..	196	68	20942	Feed and fertilizer byproducts.....1963..	137	104
	1958..	151	81		1958..	96	107
20922	Soybean cake and meal and other products.....1963..	211	96	2096-	Shortening, table oils, margarine, and other edible fats and oils.....1963..	135	82
	1958..	158	75		1958..	110	93
2093-	Vegetable oils and byproducts, except soybean and cottonseed.....1963..	90	82	20961	Shortening (baking and frying fats) and cooking oils.....1963..	134	82
	1958..	80	91		1958..	109	93
20931	Linseed oil.....1963..	64	74	20962	Margarine.....1963..	140	84
	1958..	67	88		1958..	115	93

¹Adjusted to include the following products, all of which are presented in final report 20-I: Roasted Coffee (2095), Manufactured Ice (2097), Macaroni and Spaghetti (2098), and Food Preparations, N.E.C. (2099).

²Adjusted to include product class 20943 (animal and marine fats and oils, except grease and tallow) as well as products not specified by kind.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2091-	Cottonseed oil mills.....	490,728	456,076	440,428	418,771	391,295	377,282	559,551	513,285
20911	Crude cottonseed oil.....	174,055	175,969	170,598	160,319	159,540	162,726	240,593	240,479
20912	Refined cottonseed oil.....	65,739	60,533	55,141	43,589	42,255	47,722	70,996	72,484
20913	Cotton linters.....	37,738	(58,316)	(56,088)	49,737	41,847	28,689	48,939	55,846
20914	Cottonseed cake and meal, and other by-products.....	208,133	157,455	155,888	156,092	140,105	131,285	197,199	144,476
20910	Cottonseed oil mills, n.s.k.....	5,063	(3,804)	(2,712)	(9,034)	(7,548)	6,860	1,824	-
2092-	Soybean oil mills.....	1,293,648	1,091,591	988,935	962,699	994,811	919,691	762,850	700,773
20921	Soybean oil.....	458,857	421,819	407,627	401,625	420,171	425,890	349,545	373,966
20922	Other soybean oil mill products, including cake and meal.....	831,370	660,338	572,341	550,505	565,506	487,406	413,305	326,807
20920	Soybean oil mills, n.s.k.....	3,421	9,434	8,967	10,569	9,134	6,395	-	-
2093-	Vegetable oil mills, n.e.c.....	196,821	197,543	203,550	200,802	225,359	189,261	259,086	453,853
20931	Linseed oil.....	50,163	59,993	54,162	53,162	68,339	63,191	106,788	137,900
20932	Vegetable oils other than cottonseed, soybean, and linseed.....	105,217	(110,150)	(119,863)	120,509	124,993	82,739	95,810	255,117
20933	Other vegetable oil mill products, except cottonseed and soybean.....	39,485	(27,400)	(29,525)	27,131	32,027	43,331	56,488	60,836
20930	Vegetable oil mills, n.s.k.....	1,956							
2094-	Animal and marine fats and oils.....	642,866	543,405	535,945	456,153	490,536	534,264	444,053	625,057
20941	Grease and inedible tallow.....	264,209	230,411	252,201	219,040	227,159	246,728	182,570	354,176
20942	Feed and fertilizer byproducts.....	246,667	(193,117)	(171,368)	145,340	169,949	174,315	169,673	166,213
20943	Animal and marine products including foets.....	111,338	(109,872)	(102,922)	(82,007)	(83,269)	104,313	87,869	101,969
20940	Animal marine fats and oils, n.s.k.....	20,652	10,005	9,454	9,766	10,159	8,909	3,941	2,699
2096-	Shortening and cooking oils.....	1,230,665	1,264,056	1,199,804	991,560	1,049,201	1,191,323	1,166,742	981,886
20961	Shortening and cooking oils.....	907,428	930,326	863,881	715,116	780,293	895,443	888,258	744,794
20962	Margarine.....	323,237	333,730	335,923	276,444	268,908	295,880	278,484	237,092

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹			1963 ¹	
CRUDE COTTONSEED OIL (20911)			COTTONSEED CAKE, AND MEAL, AND OTHER BYPRODUCTS (20914)—Continued			VEGETABLE OILS, OTHER THAN COTTONSEED, SOYBEAN, AND LINSEED (20932)		
United States, total....	174,055	162,726	East South Central.....	47,871		United States, total....	105,217	
Northeast and North Central.	3,376	2,075	Tennessee.....	16,620		Middle Atlantic.....	18,722	
Missouri.....	3,376	(²)	Alabama.....	8,095		East North Central.....	3,463	
South Atlantic.....	13,175	12,949	Mississippi.....	23,156		West North Central.....	6,727	
North Carolina.....	3,625	3,193	West South Central.....	99,542		South Atlantic.....	3,987	
South Carolina.....	2,582	3,844	Arkansas.....	17,431		East South Central.....	4,582	
Georgia.....	6,968	5,912	Texas.....	70,847		West South Central.....	6,550	
East South Central.....	41,324	27,851	Mountain.....	13,766		Mountain.....	4,285	
Tennessee.....	10,519	9,737	Pacific.....	24,677		Pacific.....	56,901	
Alabama.....	7,336	5,094	California.....	24,677		California.....	56,901	
Mississippi.....	23,469	13,020				OTHER VEGETABLE OIL MILL PRODUCTS, EXCEPT COTTONSEED AND SOYBEAN (20933)		
West South Central.....	90,231	84,098	SOYBEAN OIL (20921)			United States, total....	39,485	
Arkansas.....	17,689	12,120	United States, total....	458,857		Northeast and North Central.	23,026	
Texas.....	63,054	64,155	Northeast.....	803		Minnesota.....	19,756	
Mountain.....	14,895	15,623	East North Central.....	224,301		South.....	3,444	
Pacific.....	11,054	20,130	Illinois.....	166,731		Mountain.....	1,027	
California.....	11,054	20,130	West North Central.....	126,256		Pacific.....	11,988	
REFINED COTTONSEED OIL (20912)			Iowa.....	74,672		California.....	11,988	
United States, total....		65,739	Missouri.....	20,757		GREASE AND INEDIBLE TALLOW (20941)		
South Atlantic.....		8,735	Kansas.....	15,463		United States, total....	264,209	246,728
West South Central.....		35,334	South Atlantic.....	21,005		New England.....	13,305	14,734
Pacific.....		12,591	North Carolina.....	6,109		Massachusetts.....	7,808	8,094
California.....		12,591	East South Central.....	63,799		Rhode Island.....	1,631	1,587
All other divisions.....		9,079	Tennessee.....	35,552		Middle Atlantic.....	44,651	50,403
COTTON LINTERS (20913)			Mississippi.....	9,947		New York.....	13,896	21,937
United States, total....		37,738	West South Central.....	20,909		New Jersey.....	12,673	16,276
South Atlantic.....		3,685	Arkansas.....	14,174		Pennsylvania.....	18,082	12,190
Georgia.....		2,061	Pacific.....	1,784		East North Central.....	59,523	60,563
East South Central.....		8,267	California.....	1,784		Ohio.....	13,083	15,094
Tennessee.....		2,689	OTHER SOYBEAN OIL MILL PRODUCTS, INCLUDING CAKE MEAL (20922)			Indiana.....	6,034	7,375
Alabama.....		1,434	United States, total....	831,370	487,406	Illinois.....	25,207	22,021
Mississippi.....		4,144	East North Central.....	381,812	257,189	Michigan.....	10,093	9,230
West South Central.....		16,299	Illinois.....	274,141	166,277	Wisconsin.....	5,106	6,843
Arkansas.....		3,078	West North Central.....	269,327	139,368	West North Central.....	46,330	47,285
Texas.....		11,341	Minnesota.....	55,081	32,947	Minnesota.....	7,825	9,844
Pacific.....		6,530	Iowa.....	144,348	77,870	Iowa.....	18,098	15,284
California.....		6,530	Missouri.....	37,853	18,781	Missouri.....	3,964	4,844
All other divisions.....		2,957	South Atlantic.....	39,784	10,448	Nebraska.....	8,275	8,887
Arizona.....		1,836	North Carolina.....	11,536	2,074	Kansas.....	5,787	5,431
COTTONSEED CAKE, AND MEAL, AND OTHER BYPRODUCTS (20914)			East South Central.....	100,963	63,546	South Atlantic.....	20,949	17,333
United States, total....		208,133	Tennessee.....	61,543	37,266	Maryland.....	3,070	2,638
North Central.....		3,785	West South Central.....	34,935	13,357	Virginia.....	4,286	3,669
South Atlantic.....		18,492	Arkansas.....	32,031	11,181	North Carolina.....	3,422	3,152
North Carolina.....		3,800	All other divisions.....	4,549	3,498	Georgia.....	3,773	3,269
South Carolina.....		4,832	LINSEED OIL (20931)			Florida.....	4,881	3,042
Georgia.....		9,860	United States, total....		50,163	East South Central.....	7,826	5,357
			Northeast.....		1,528	Tennessee.....	3,085	2,796
			North Central.....		46,309	Alabama.....	2,217	(²)
			West.....		2,326	Mississippi.....	1,625	(²)
						West South Central.....	14,854	12,534
						Arkansas.....	1,471	(²)
						Oklahoma.....	1,615	1,735
						Texas.....	10,887	8,061
						Mountain.....	8,352	7,585
						Idaho.....	1,075	(²)
						Colorado.....	4,249	4,332
						Arizona.....	1,361	(²)
						Pacific.....	48,419	30,934
						Washington.....	4,296	2,549
						California.....	42,132	27,081

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958			1958
FEED AND FERTILIZER BY-PRODUCTS (20942)			FEED AND FERTILIZER BY-PRODUCTS (20942)—Continued			SHORTENING AND COOKING OILS (20961)		
United States, total....	246,667	175,415	Mountain.....	7,585	4,910	United States, total....	907,428	895,443
Northeast.....	8,485	6,004	Montana.....	1,547	(Z)	Northeast.....	4,045	(Z)
Massachusetts.....	5,600	3,530	Colorado.....	3,721	2,340	Middle Atlantic.....	143,344	176,874
Middle Atlantic.....	28,501	18,650	Pacific.....	27,455	17,349	East North Central.....	283,813	281,497
New York.....	6,381	6,111	Washington.....	2,640	1,813	Illinois.....	192,081	188,443
New Jersey.....	7,323	5,084	California.....	20,479	14,670	Michigan.....	2,896	(Z)
Pennsylvania.....	14,797	7,455	ANIMAL AND MARINE OIL PRODUCTS, INCLUDING FOODS (20943)	1963 ¹		West North Central.....	50,755	29,818
East North Central.....	60,886	48,416	United States, total....	111,338		South Atlantic.....	55,099	57,050
Ohio.....	12,115	10,844	Northeast.....	4,972		Georgia.....	42,226	36,837
Indiana.....	7,883	5,672	Middle Atlantic.....	22,347		East South Central.....	145,706	146,242
Illinois.....	23,005	18,136	New York.....	6,118		West South Central.....	131,010	119,889
Michigan.....	4,787	5,548	New Jersey.....	14,375		Texas.....	89,545	86,258
Wisconsin.....	13,096	8,216	Pennsylvania.....	1,854		West.....	93,656	(²)
West North Central.....	56,109	42,796	East North Central.....	14,802		California.....	93,350	(²)
Minnesota.....	14,001	8,397	Illinois.....	5,135		MARGARINE (20962)		
Iowa.....	17,226	13,014	West North Central.....	2,637		United States, total....	323,237	295,880
Missouri.....	6,021	4,340	South Atlantic.....	21,334		Northeast.....	49,238	(²)
South Dakota.....	1,731	(²)	Maryland.....	4,582		East North Central.....	109,831	113,015
Nebraska.....	9,010	10,698	Virginia.....	6,747		Illinois.....	33,299	32,479
Kansas.....	7,930	4,244	North Carolina.....	3,898		West North Central.....	12,045	13,896
South Atlantic.....	26,899	17,815	East South Central.....	7,129		South Atlantic.....	46,629	33,031
Maryland.....	4,801	3,205	Mississippi.....	5,614		Georgia.....	25,937	21,036
Virginia.....	4,459	2,168	West South Central.....	21,562		East South Central.....	14,636	14,018
North Carolina.....	6,886	2,997	Louisiana.....	13,780		West South Central.....	40,137	41,734
South Carolina.....	1,173	(Z)	Texas.....	7,782		Texas.....	32,849	33,519
Georgia.....	6,267	6,396	West.....	16,555		West.....	50,721	(²)
Florida.....	2,797	2,235	California.....	14,305				
East South Central.....	13,027	6,491						
Kentucky.....	1,423	1,640						
Tennessee.....	6,403	2,399						
Alabama.....	3,353	1,766						
Mississippi.....	1,848	(Z)						
West South Central.....	17,720	12,984						
Arkansas.....	4,023	(Z)						
Louisiana.....	1,028	(Z)						
Oklahoma.....	2,953	1,607						
Texas.....	9,716	9,308						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. - (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20911, Louisiana, Oklahoma, New Mexico, and Arizona; 20912, New Jersey, North Carolina, South Carolina, Georgia, Tennessee, Louisiana, and Texas; 20913, Louisiana; 20914, Missouri, Louisiana, Oklahoma, New Mexico, and Arizona; 20921, Ohio, Indiana, Minnesota, Nebraska, Virginia, South Carolina, Georgia, Kentucky, Alabama, Louisiana, and Texas; 20922, New Jersey, Ohio, Indiana, Nebraska, Kansas, Virginia, South Carolina, Georgia, Kentucky, Mississippi, Texas, and California; 20931, New Jersey, Ohio, Minnesota, and California; 20932, New Jersey, Ohio, Minnesota, Missouri, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Montana, and Arizona; 20933, Ohio and Florida; 20941, Connecticut, South Dakota, and Oregon; 20942, Connecticut, Oregon, and Hawaii; 20943, Maine, Massachusetts, Ohio, Indiana, Nebraska, Delaware, and Tennessee; 20961, Massachusetts, Rhode Island, New York, New Jersey, Pennsylvania, Ohio, Indiana, Wisconsin, Minnesota, Iowa, Missouri, South Dakota, Nebraska, Kansas, Virginia, North Carolina, Kentucky, Tennessee, Alabama, Arkansas, Louisiana, and Oklahoma; 20962, New Jersey, Ohio, Indiana, Michigan, Missouri, Nebraska, Kansas, Maryland, Virginia, South Carolina, Tennessee, Alabama, Arkansas, Louisiana, Oklahoma, Washington, Oregon, and California.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963

Code	Material	Unit of measure	1963			
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2091.—COTTONSEED OIL MILLS		INDUSTRY 2092.—SOYBEAN OIL MILLS	
	Materials, ingredients, containers, and supplies, total ¹		(X)	401,656	(X)	1,232,685
011211	Cottonseed.....	Short tons.....	5,516,709	323,644	172,326	10,840
011381	Soybeans.....	..do.....	287,381	23,925	13,216,465	1,118,709
012287	Copra.....	..do.....	(X)	(X)	(X)	(X)
011911	Flaxseed.....	..do.....	(X)	(X)	(X)	(X)
201104	Tallow and stearin, edible.....	1,000 lbs.....	(X)	(X)	(X)	(2)
209111	Cottonseed oil, crude.....	..do.....	190,808	18,677	(X)	(2)
209121	Cottonseed oil, refined.....	..do.....	(X)	(2)	(X)	(X)
209211	Soybean oil, crude.....	..do.....	(X)	(X)	71,361	5,804
209212	Soybean oil, refined.....	..do.....	(X)	(X)	19,610	1,911
201151	Lard.....	..do.....	(X)	(X)	(X)	(X)
322101	Glass containers.....	..do.....	(X)	(X)	(X)	(X)
34003	Metal containers, excluding drums.....	..do.....	(X)	(2)	(X)	(2)
260091	Paper and paperboard containers.....	..do.....	(X)	453	(X)	1,204
970099	All other materials, ingredients, containers, and supplies consumed.....	..do.....	(X)	230,378	(X)	289,579
976000	Materials, ingredients, containers, and supplies, n.s.k. ³.....	..do.....	(X)	4,599	(X)	4,638
			INDUSTRY 2093.—VEGETABLE OIL MILLS, N.E.C.		INDUSTRY 2096.—SHORTENING AND COOKING OILS	
	Materials, ingredients, containers, and supplies, total ¹		(X)	158,529	(X)	980,939
011211	Cottonseed.....	..do.....	(X)	(2)	(X)	(2)
011381	Soybeans.....	..do.....	(X)	(2)	(X)	(2)
012287	Copra.....	Short tons.....	211,829	34,979	(X)	(X)
011911	Flaxseed.....	..do.....	482,449	49,297	(X)	(X)
201104	Tallow and stearin, edible.....	1,000 lbs.....	(X)	(2)	384,300	32,630
209111	Cottonseed oil, crude.....	..do.....	(X)	(2)	1,257,214	140,341
209121	Cottonseed oil, refined.....	..do.....	(X)	(2)	333,407	39,210
209211	Soybean oil, crude.....	..do.....	(X)	(2)	3,388,148	316,779
209212	Soybean oil, refined.....	..do.....	2,255	224	893,221	101,565
201151	Lard.....	..do.....	(X)	(2)	662,173	57,148
322101	Glass containers.....	Gross.....	(X)	(2)	2,040,599	17,488
34003	Metal containers, excluding drums.....	..do.....	(X)	1,097	(X)	38,047
260091	Paper and paperboard containers.....	..do.....	(X)	(2)	(X)	32,888
970099	All other materials, ingredients, containers, and supplies consumed.....	..do.....	(X)	270,398	(X)	191,500
976000	Materials, ingredients, containers, and supplies, n.s.k. ³.....	..do.....	(X)	2,534	(X)	13,343

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Data on materials consumed was not collected in the 1958 census.

²Not shown to avoid disclosing figures for individual companies; value figures included with code 970099, "All other materials."

³Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Cottonseed oil mills (SIC 2091)	Soybean oil mills (SIC 2092)	Vegetable oil mills, n.e.c. (SIC 2093)	Animal and marine fats and oils (SIC 2094)	Shortening and cooking oils (SIC 2096)
Total cost of purchased fuels and electric energy.....\$1,000..	10,028	14,230	2,509	15,548	11,463
Total cost of purchased fuels.....do....	2,180	7,469	1,102	11,434	7,684
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	(S)	429	11	257	298
Cost.....\$1,000..	(S)	2,818	107	2,254	1,998
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	7	-
Cost.....\$1,000..	-	-	-	194	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	(S)	150	(S)	772	560
Cost.....\$1,000..	(S)	566	(S)	2,612	1,455
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	4,927	9,913	1,439	10,529	11,310
Cost.....\$1,000..	1,844	3,602	625	3,705	3,705
Other fuels.....do....	154	483	108	2,669	526
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	748	633	118	245	351
Cost.....\$1,000..	7,848	6,761	1,407	4,114	3,779
Generated less sold.....million kw.-hrs..	-	(S)	-	(S)	35
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	440	272	66	252	167
Prime movers, total.....do....	22	20	3	21	30
Driving generators.....do....	2	7	(Z)	8	18
Not driving generators.....do....	20	13	3	13	12
Electric motors, total.....do....	418	263	62	236	150
Driven by purchased energy.....do....	418	252	62	231	137
Driven by energy generated at establishment.....do....	-	11	-	5	13
Aggregate horsepower per 100 production workers.....	6,657	5,373	4,864	2,976	1,771

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2091-	COTTONSEED OIL MILLS										
	Entire industry.....	188	8,372	38,173	6,569	16,556	26,014	100,815	464,670	555,188	12,475
	Establishments with—										
	90% or more specialization..	148	5,608	25,706	4,406	11,451	17,679	61,988	316,278	373,146	6,851
	75-89% specialization.....	22	1,350	5,883	1,045	2,499	4,115	18,245	69,912	82,710	1,984
20911	Crude cottonseed oil.....	47	2,504	11,477	1,997	5,044	7,998	33,235	135,406	163,531	(D)
20912	Refined cottonseed oil.....	7	598	3,549	393	853	1,919	10,208	51,121	61,082	(D)
20914	Cottonseed cake and meal, and other byproducts.....	120	5,190	22,851	4,115	10,502	15,886	56,550	274,744	326,289	6,425
2092-	SOYBEAN OIL MILLS										
	Entire industry.....	102	6,478	39,893	4,568	10,057	25,715	152,143	1,334,575	1,473,385	10,238
	Establishments with—										
	90% or more specialization..	78	3,552	22,261	2,519	5,513	14,613	86,654	848,642	927,563	4,730
	75-89% specialization.....	7	1,036	5,744	678	1,536	3,547	20,739	192,016	212,204	1,576
20922	Other soybean oil mill products, including cake and meal.....	84	6,343	38,995	4,468	9,836	25,080	141,160	1,302,160	1,435,375	9,849
2093-	VEGETABLE OIL MILLS, N.E.C.										
	Entire industry.....	47	1,952	11,501	1,507	3,189	8,094	42,692	194,352	234,168	1,561
	Establishments with—										
	90% or more specialization..	38	1,209	7,096	956	1,979	5,140	27,662	134,500	159,377	1,069
	75-89% specialization.....	4	256	1,651	188	452	1,249	6,847	13,131	19,960	(D)
20931	Linseed oil.....	8	572	3,945	462	991	2,926	17,070	72,392	88,818	242
20932	Vegetable oil other than cottonseed, soybean, and linseed.....	26	1,235	6,654	943	1,993	4,577	23,842	114,660	136,386	1,032
	Establishments with—										
	90% or more specialization....	11	135	571	117	248	410	1,712	3,999	5,908	80
	75-89% specialization.....	4	322	2,106	227	553	1,620	7,018	44,659	51,798	169
2094-	ANIMAL AND MARINE FATS AND OILS										
	Entire industry.....	615	14,276	78,305	10,260	22,714	51,254	193,326	280,393	473,993	13,659
	Establishments with—										
	90% or more specialization..	520	11,388	62,066	8,356	18,313	41,618	159,291	225,564	385,217	11,569
	75-89% specialization.....	64	2,072	11,765	1,304	2,943	6,798	23,160	39,165	62,720	1,493
20941	Grease and inedible tallow.....	214	7,190	44,390	4,694	10,587	26,973	107,453	134,843	241,045	5,294
	Establishments with—										
	90% or more specialization....	30	453	2,965	319	674	2,011	5,398	12,627	18,104	377
	75-89% specialization.....	31	1,065	6,861	803	1,730	4,669	19,809	33,668	53,456	579
20942	Feed and fertilizer byproducts....	219	4,292	21,349	3,172	7,448	14,397	52,185	88,099	139,160	4,457
	Establishments with—										
	90% or more specialization....	64	593	3,367	433	952	2,152	12,162	30,958	42,990	861
	75-89% specialization.....	35	863	3,668	699	1,621	2,734	9,909	20,107	29,317	894
20943	Animal and marine oil products, including fats.....	63	1,984	8,722	1,748	3,321	6,935	23,708	46,018	72,462	3,292
	Establishments with—										
	90% or more specialization....	48	1,579	6,182	1,424	2,562	5,002	20,084	31,829	54,586	2,801
	75-89% specialization.....	5	159	1,072	130	323	805	2,098	5,442	8,301	250
2096-	SHORTENING AND COOKING OILS										
	Entire industry.....	115	13,511	88,606	8,880	19,001	54,767	264,501	1,061,949	1,324,357	19,490
	Establishments with—										
	90% or more specialization..	79	8,341	55,753	5,526	11,882	33,854	162,550	703,718	862,062	8,901
	75-89% specialization.....	16	2,571	18,106	1,803	3,807	12,540	51,901	170,822	222,156	3,820
20961	Shortening and cooking oils.....	68	9,394	62,573	5,884	12,689	36,625	163,721	822,712	983,456	9,827
	Establishments with—										
	90% or more specialization....	34	3,675	25,604	2,454	5,340	15,766	74,495	388,504	458,262	5,254
	75-89% specialization.....	14	1,971	13,297	1,253	2,664	7,401	28,893	170,614	198,806	1,299

n.e.c. Not elsewhere classified.

(D) Withheld to avoid disclosing figures for individual companies.

TABLE 9A. Oilseed Crushing Capacity, by Method of Extraction and Geographic Areas: 1963 and 1958

(Statistics are based on reports by establishments which crushed seeds and/or beans during the census years)

Geographic area	Twenty-four hour rated capacity (short tons) ¹									
	Total		Hydraulic press		Continuous screw press		Solvent extraction		Prepress and solvent extraction	
	1963	1958	1963	1958	1963	1958	1963	1958	1963	1958
COTTONSEED										
United States, total.....	27,368	29,825	3,020	5,313	13,734	15,322	5,851	4,930	4,763	4,260
Southeast, total.....	4,087	5,143	(D)	1,772	3,249	3,011	(D)	(D)	(D)	(D)
Alabama-Georgia.....	2,378	(D)	(D)	974	2,035	1,581	-	(D)	(D)	(D)
North Carolina.....	899	1,046	(D)	582	580	464	(D)	-	-	-
South Carolina.....	810	(D)	(D)	216	634	966	(D)	-	-	(D)
Valley, total.....	8,808	9,981	1,393	1,896	3,335	4,350	2,465	(D)	1,615	(D)
Arkansas-Tennessee.....	4,665	(D)	645	520	1,505	2,618	1,580	1,625	935	(D)
Louisiana-Mississippi.....	4,143	(D)	748	1,376	1,830	1,732	885	(D)	680	(D)
Southwest, total.....	13,723	13,967	1,209	1,645	6,440	7,227	(D)	2,385	(D)	2,710
Arizona-California.....	4,919	4,282	895	830	920	2,272	(D)	(D)	(D)	(D)
Oklahoma-Texas.....	8,804	9,685	314	815	5,520	4,955	(D)	(D)	(D)	(D)
All other States.....	750	734	(D)	-	(D)	734	-	-	-	-
SOYBEANS										
United States, total.....	44,621	36,268	(D)	506	1,147	3,506	41,974	31,450	(D)	806
Central soybeans producing States, total ²	33,900	(D)	-	-	(D)	841	32,424	23,997	(D)	(D)
Illinois.....	12,331	9,397	-	-	201	284	12,130	9,113	-	-
Iowa.....	8,660	5,305	-	-	285	350	8,375	4,955	-	-
Ohio.....	(D)	3,079	-	-	-	-	(D)	3,079	-	-
Indiana.....	(D)	2,904	-	-	-	-	(D)	2,904	-	-
Minnesota.....	3,864	2,751	-	-	-	(D)	(D)	2,176	(D)	(D)
All other States.....	10,721	(D)	(D)	506	(D)	2,665	9,550	7,453	(D)	(D)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹In 1958, there is some duplication in capacity between soybeans and cottonseed since some mills crushed both and reported capacity of the equipment for both soybeans and cottonseeds. However, in 1963 mills crushed both soybeans and cottonseed on the same equipment, were instructed to report their capacity of their equipment as either soybean or cottonseed depending on which was the most important in their annual operation.

²In addition to States shown, includes Missouri, Kansas and Nebraska.

TABLE 9B. **Seeds or Beans Crushed and Oil Produced, by Method of Extraction and Geographic Areas: 1963**

Geographic area	Total		Hydraulic press		Continuous screw press		Solvent extraction		Prepress and solvent extraction	
	Quantity crushed (short tons)	Crude oil produced (1,000 lbs)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)	Quantity crushed (short tons)	Crude oil produced (1,000 lbs.)
	COTTONSEED									
United States, total.....	5,730,410	1,941,259	528,750	170,361	2,741,382	889,987	1,418,328	500,320	1,041,950	380,591
East, total.....	666,737	220,996	(D)	(D)	513,728	166,042	(D)	(D)	(D)	(D)
Alabama-Georgia.....	456,165	147,008	(D)	(D)	379,761	121,447	(D)	(D)	(D)	(D)
North Carolina.....	104,181	35,081	(D)	(D)	74,296	24,592	(D)	(D)	(D)	(D)
South Carolina.....	106,391	38,907	(D)	(D)	59,671	20,003	(D)	(D)	(D)	(D)
Valley, total.....	1,607,718	560,953	249,237	76,594	713,067	243,529	310,451	112,078	334,963	128,752
Arkansas-Tennessee.....	809,851	278,294	97,204	30,325	326,973	107,317	160,422	59,777	225,252	80,875
Louisiana-Mississippi.....	797,867	282,659	152,033	46,269	386,094	136,212	150,029	52,301	109,711	47,877
Southwest, total.....	3,167,418	1,060,642	230,165	76,344	(D)	(D)	871,781	303,662	(D)	(D)
Arizona-California.....	1,080,337	375,438	183,610	62,172	(D)	(D)	(D)	(D)	(D)	(D)
Oklahoma-Texas.....	2,087,081	685,204	46,555	14,172	1,157,756	362,132	(D)	(D)	(D)	(D)
All other States.....	288,537	98,668	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Standard Notes: - Represents zero.
applicable.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

MISCELLANEOUS FOOD PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2095—Roasted Coffee
- 2097—Manufactured Ice
- 2098—Macaroni, Spaghetti, Vermicelli, and Noodles
- 2099—Food Preparations, Not Elsewhere Classified

This group of industries comprises a part of SIC Group 209, Miscellaneous Food Preparations and Kindred Products. The other industries comprising this group are included in the report for Fats and Oils, as follows:

- 2091—Cottonseed Oil Mills
- 2092—Soybean Oil Mills
- 2093—Vegetable Oil Mills, Except Cottonseed and Soybean
- 2094—Animal and Marine Fats and Oils
- 2096—Shortening, Table Oils, Margarine and Other Edible Fats and Oils, Not Elsewhere Classified.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

2095--ROASTED COFFEE

This industry comprises establishments primarily engaged in the manufacture of roasted and concentrated coffee. The roasted coffee may be whole bean or ground. The concentrated coffee is produced in liquid or powdered form. For a detailed list of products in industry 2095, refer to table 6A, product codes 2095111 to 2095299.

The 1957 Standard Industrial Classification (SIC) Manual was amended prior to the 1963 Census of Manufactures to separately define the roasted coffee industry. In previous censuses, establishments primarily producing roasted or concentrated coffee were classified in industry 2099, Food Preparations, N.E.C.

The specialization and coverage ratio for industry 2095 were over 90 percent in 1963, indicating a high degree of comparability between industry statistics (table 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 149 in 1963 from the 1958 level of 128. The unit value index for 1963 was 58 compared to 75 in 1958. Both indexes were computed on a basis of 1954 = 100.

2097—MANUFACTURED ICE

This industry comprises establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813, and the harvesting and storage of natural ice for sale in trade industries. For a detailed list of products of industry 2097, refer to table 6A, product codes 2097011 to 2097000.

The specialization and coverage ratios for industry 2097 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry decreased to 51 in 1963 from the 1958 level of 75. The unit value index for 1963 was 134 compared to 116 in 1958. Both indexes were computed on a basis of 1954 = 100.

2098—MACARONI, SPAGHETTI, VERMICELLI, AND NOODLES

This industry comprises establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc., are classified in industry 2032. For a detailed list of products of industry 2098, refer to table 6A, product codes 2098011 to 2098000.

The specialization and coverage ratios for industry 2098 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1 to 4) and product statistics (table 6A).

The production index for the primary products of the industry increased to 126 in 1963 from the 1958 level of 110. The unit value index for 1963 was 108 compared to 100 in 1958. Both indexes were computed on a basis of 1954 = 100.

2099—FOOD PREPARATIONS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing prepared foods and miscellaneous specialties, such as baking powder, yeast, and other leavening compounds; desserts (ready-to-mix); sweetening syrups and molasses; vinegar and cider; chocolate and cocoa products, except confectionery, made from purchased chocolate; potato and corn chips, sticks, etc. (bagged or canned); and other food preparations not elsewhere classified. For a detailed list of products of industry 2099, refer to table 6A, product codes 2099113 to 2099000.

Prior to 1963, this industry included establishments engaged primarily in the production of roasted or concentrated coffee. However, for 1963, this activity was defined as a separate industry, SIC 2095, Roasted Coffee. As a result, 324 establishments with 17,175 employees and adjusted value added of \$616,407 thousand were transferred from industry 2099, Food Preparation, N.E.C., to industry 2095, Roasted Coffee.

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
INDUSTRY 2095.—ROASTED COFFEE ¹														
1963.....	261	324	133	17,175	111,429	10,112	20,499	55,596	616,407	1,256,589	1,868,058	23,459	90	99
1958.....	(NA)	380	(NA)	18,823	96,564	11,249	23,036	50,442	461,295	1,571,580	2,038,920	23,070	(NA)	(NA)
1954.....	(NA)	387	(NA)	16,770	70,557	11,257	22,130	37,652	340,661	1,666,608	2,007,275	(NA)	(NA)	(NA)
INDUSTRY 2097.—MANUFACTURED ICE														
1963.....	862	1,199	135	10,757	42,872	6,714	14,056	25,905	90,204	32,442	122,550	5,741	99	100
1962 ²	(NA)	(NA)	(NA)	12,594	47,598	7,312	15,502	26,809	103,358	33,302	136,627	3,609	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	13,189	48,288	7,477	15,809	26,965	101,757	37,597	138,983	3,186	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	13,551	49,008	7,797	16,372	28,024	100,114	37,694	137,701	2,406	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	13,292	49,441	8,625	18,320	30,107	105,923	38,910	145,304	3,317	(NA)	(NA)
1958.....	1,099	1,570	170	14,557	52,498	8,996	18,911	31,060	107,527	42,078	149,552	6,368	99	99
1954.....	1,430	1,963	252	20,854	61,811	12,880	27,975	35,593	123,833	46,647	170,674	7,761	100	97
1952 ²	(NA)	(NA)	(NA)	27,406	85,930	14,367	24,513	39,621	129,104	41,570	170,674	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	27,959	87,204	14,081	22,200	36,036	126,115	36,958	163,073	(NA)	(NA)	(NA)
1950.....	(NA)	(NA)	(NA)	35,824	97,947	18,320	38,541	48,449	136,083	45,078	181,161	(NA)	(NA)	(NA)
1947.....	2,206	3,432	(NA)	46,462	103,038	29,048	70,741	63,026	226,584	46,851	273,415	(NA)	100	98
1939.....	(NA)	3,975	(NA)	37,230	43,960	15,912	(NA)	17,692	104,156	26,010	130,166	(NA)	(NA)	(NA)
1937.....	(NA)	3,847	(NA)	24,721	32,671	18,705	(NA)	21,603	109,025	27,517	136,542	(NA)	(NA)	(NA)
1935.....	(NA)	3,850	(NA)	26,583	34,895	19,032	(NA)	20,635	100,337	28,048	128,385	(NA)	(NA)	(NA)
1933.....	(NA)	3,699	(NA)	26,952	31,563	21,332	(NA)	22,849	122,304	26,959	139,263	(NA)	(NA)	(NA)
1931.....	(NA)	4,111	(NA)	(NA)	(NA)	25,217	(NA)	33,656	156,949	35,078	192,027	(NA)	(NA)	(NA)
1929.....	(NA)	4,110	(NA)	39,549	59,220	32,184	(NA)	42,399	171,144	39,808	210,952	(NA)	(NA)	(NA)
1927.....	(NA)	3,159	(NA)	29,155	47,283	22,120	(NA)	32,611	143,979	40,816	184,795	(NA)	(NA)	(NA)
1925.....	(NA)	3,077	(NA)	31,682	49,075	24,915	(NA)	35,046	142,244	44,725	186,969	(NA)	(NA)	(NA)
1923.....	(NA)	3,097	(NA)	34,037	48,673	26,852	(NA)	35,040	117,998	46,664	164,662	(NA)	(NA)	(NA)
1921.....	(NA)	2,715	(NA)	30,347	44,567	24,066	(NA)	32,630	107,715	51,174	158,889	(NA)	(NA)	(NA)
1919.....	(NA)	2,867	(NA)	37,039	44,954	30,247	(NA)	34,002	94,127	42,878	137,005	(NA)	(NA)	(NA)
1914.....	(NA)	2,543	(NA)	28,431	20,546	23,011	(NA)	14,841	42,631	17,755	60,386	(NA)	(NA)	(NA)
1909.....	(NA)	2,004	(NA)	20,041	13,647	16,114	(NA)	9,779	31,636	11,317	42,953	(NA)	(NA)	(NA)
1904.....	(NA)	1,320	(NA)	12,433	7,550	10,101	(NA)	5,549	17,779	6,011	23,790	(NA)	(NA)	(NA)
1899.....	(NA)	787	(NA)	8,478	4,659	6,933	(NA)	3,424	10,535	3,340	13,875	(NA)	(NA)	(NA)
INDUSTRY 2098.—MACARONI AND SPAGHETTI														
1963.....	207	221	70	7,270	35,495	5,095	10,368	21,176	96,012	126,473	222,947	4,786	96	94
1962 ²	(NA)	(NA)	(NA)	6,670	31,815	4,773	9,362	18,454	82,578	118,603	200,781	9,999	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	6,859	32,395	5,010	10,235	19,138	79,702	119,598	199,571	4,518	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	6,729	29,963	4,891	9,618	17,358	76,314	118,357	194,516	5,123	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	6,780	28,935	4,854	9,316	16,188	73,506	119,333	192,266	4,678	(NA)	(NA)
1958.....	205	214	76	6,825	27,910	4,930	9,597	16,445	67,130	113,813	180,190	5,274	97	98
1957 ²	(NA)	(NA)	(NA)	7,593	28,842	5,788	10,652	17,229	70,908	101,425	170,820	5,152	97	99
1956 ²	(NA)	(NA)	(NA)	7,471	27,081	5,615	10,566	15,988	63,748	98,704	149,656	3,245	(NA)	(NA)
1954.....	226	233	84	7,058	24,278	5,276	10,216	14,465	52,568	102,570	154,830	2,469	98	95
1952 ²	(NA)	(NA)	(NA)	7,324	23,684	5,655	11,906	15,272	45,874	104,959	150,833	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	7,114	21,061	5,659	12,250	14,355	39,948	100,520	140,468	(NA)	(NA)	(NA)
1947.....	219	226	(NA)	8,043	18,763	6,628	14,171	13,134	42,049	70,045	112,094	(NA)	(NA)	(NA)
1939.....	(NA)	328	(NA)	8,140	9,351	6,013	(NA)	5,383	19,224	26,929	46,153	(NA)	(NA)	(NA)
1937.....	(NA)	319	(NA)	7,436	7,669	6,452	(NA)	5,719	17,523	32,836	50,359	(NA)	(NA)	(NA)
1935.....	(NA)	336	(NA)	6,979	7,271	6,005	(NA)	5,306	15,788	31,811	47,599	(NA)	(NA)	(NA)
1933.....	(NA)	296	(NA)	6,155	5,275	5,492	(NA)	4,265	15,597	20,385	35,892	(NA)	(NA)	(NA)
1931.....	(NA)	309	(NA)	(NA)	(NA)	4,764	(NA)	4,474	15,914	20,311	36,225	(NA)	(NA)	(NA)
1929.....	(NA)	353	(NA)	5,964	7,687	5,072	(NA)	5,384	19,738	27,336	47,074	(NA)	(NA)	(NA)
1927.....	(NA)	353	(NA)	5,459	7,167	4,587	(NA)	5,071	17,919	27,434	45,353	(NA)	(NA)	(NA)
1925.....	(NA)	327	(NA)	(NA)	(NA)	4,560	(NA)	5,026	15,998	27,491	43,489	(NA)	(NA)	(NA)
1923.....	(NA)	343	(NA)	4,915	5,972	4,098	(NA)	4,332	12,911	16,646	29,557	(NA)	(NA)	(NA)
1921.....	(NA)	409	(NA)	4,645	5,240	3,865	(NA)	3,749	11,049	19,964	31,013	(NA)	(NA)	(NA)
1919.....	(NA)	557	(NA)	5,539	5,875	4,543	(NA)	4,168	11,947	25,110	37,057	(NA)	(NA)	(NA)
1914 ³	(NA)	373	(NA)	4,184	2,389	3,534	(NA)	1,638	4,946	7,938	12,884	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2099.—FOOD PREPARATIONS, N.E.C.													
1963 ⁴	1,977	2,190	547	54,277	271,283	35,585	71,032	145,320	849,610	951,757	1,797,284	62,145	91	78
1958 ⁴ (excl. coffee, new SIC).....	(NA)	2,307	(NA)	49,169	205,919	34,495	67,544	117,745	604,722	797,385	1,393,174	31,121	(NA)	(NA)
1958 (incl. coffee, new SIC) ⁵	2,415	2,687	695	67,992	302,483	45,744	90,580	168,187	1,066,017	2,368,965	3,432,094	54,191	95	95
1958 (incl. coffee, old SIC) ⁵	(NA)	2,885	852	85,308	350,295	61,075	122,075	205,222	1,161,998	2,699,184	3,857,376	63,386	94	94
1954.....	2,357	2,598	702	71,339	250,039	52,203	102,853	145,789	835,400	2,604,097	3,442,847	38,140	94	86
1947 ⁶	(NA)	2,199	(NA)	59,599	142,522	45,391	(NA)	86,598	392,628	1,202,280	1,600,903	30,356	92	80

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing, or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Prior to 1963, coffee roasting was not classified as a separate industry. The 1957 Standard Industrial Classification (SIC) Manual was amended prior to the 1963 Census of Manufactures to separately define the Roasted Coffee Industry. In previous censuses, establishments primarily producing roasted coffee or concentrated coffee were classified in industry 2099, Food Preparations, N.E.C. For both the 1938 and 1954 Censuses of Manufactures, shipments of roasted and concentrated coffee were collected as a separate product class, and general statistics (employment, payroll, shipments, etc.) were tabulated for those plants classified in industry 2099 that were primarily producing coffee. These product class data were previously published in table 8 of the respective final census reports and are shown in table 1 of this report.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

³Prior to 1914 "Macaroni and Spaghetti" were included with Food Preparations, N.E.C., separate figures are not available.

⁴Prior to 1963, this industry included establishments engaged primarily in the production of roasted or concentrated coffee. However, for 1963, this activity was defined as a separate industry 2095, Roasted Coffee. The 1958 data for industry 2099, Food Preparations, N.E.C., was therefore revised to exclude coffee roasting establishments.

⁵A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1958 (including coffee, old SIC) and earlier figures are on the old SIC definition of the industry. The details of the revisions are described in the text of this industry in the 1958 Census volume. The resulting shifts in establishments, employment, and value added by manufacture are further described in table 1A of the 1958 volume.

⁶No comparable figures are available prior to 1947.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2095.—ROASTED COFFEE													
Total.....	324	133	17,175	111,429	10,112	20,499	55,596	616,407	1,256,589	1,868,058	23,459	(²)	(²)
New England.....	18	6	617	3,639	411	770	1,788	8,435	23,995	32,229	117	(²)	(²)
Massachusetts....	13	5	560	3,346	385	720	1,691	7,334	23,259	30,400	104	(²)	(²)
Middle Atlantic....	81	29	5,213	36,593	3,558	7,237	22,402	197,534	395,019	590,610	10,176	(²)	(²)
New Jersey.....	20	9	3,522	25,920	2,654	5,504	17,902	163,557	294,623	456,163	7,740	(²)	(²)
East North Central.	46	23	3,314	20,226	1,549	3,032	7,349	93,406	166,439	258,737	4,058	(²)	(²)
Ohio.....	15	9	1,132	6,971	411	764	1,670	13,523	45,972	60,150	366	(²)	(²)
Illinois.....	18	10	1,922	11,681	1,032	2,074	5,270	76,754	111,614	186,692	3,626	(²)	(²)
West North Central.	22	13	1,256	8,302	445	919	2,121	35,035	88,682	123,588	997	(²)	(²)
Missouri.....	11	8	926	6,557	254	536	1,343	18,139	45,225	63,479	926	(²)	(²)
South Atlantic....	45	14	1,122	6,414	651	1,280	2,951	46,604	98,499	145,056	418	(²)	(²)
District of Columbia.....	7	3	216	1,332	108	228	510	4,420	9,638	14,085	64	(²)	(²)
Florida.....	21	6	610	3,473	381	748	1,767	36,836	63,817	100,635	316	(²)	(²)
East South Central.	18	7	531	2,529	284	590	1,002	6,495	24,968	31,455	305	(²)	(²)
Tennessee.....	6	4	394	1,862	217	461	783	5,145	18,198	23,294	188	(²)	(²)
West South Central.	38	17	2,436	14,655	1,598	3,329	8,348	127,487	235,545	361,982	3,423	(²)	(²)
Louisiana.....	17	9	890	5,284	562	1,169	2,703	37,123	76,992	114,358	1,426	(²)	(²)
Texas.....	15	7	1,292	7,740	947	1,960	5,361	86,699	148,862	234,400	1,043	(²)	(²)
Mountain.....	5	1	74	429	28	57	118	718	1,448	2,181	14	(²)	(²)
Pacific.....	51	23	2,612	18,642	1,588	3,285	9,517	100,693	221,994	322,220	3,951	(²)	(²)
California.....	41	20	2,353	16,796	1,479	3,072	8,965	93,689	204,817	297,630	3,860	(²)	(²)
INDUSTRY 2097.—MANUFACTURED ICE													
Total.....	1,199	135	10,757	42,872	6,714	14,056	25,905	90,204	32,442	122,550	5,741	14,557	107,527
New England.....	45	3	332	1,280	236	477	888	3,245	873	4,135	111	302	2,842
Massachusetts....	22	2	181	675	145	286	539	2,335	486	2,834	79	153	1,642
Middle Atlantic....	101	13	942	4,427	698	1,527	3,249	9,860	2,817	12,633	360	1,338	12,277
New York.....	37	6	423	2,103	345	800	1,677	4,281	1,499	5,743	136	732	6,527
New Jersey.....	26	2	200	942	142	288	571	2,819	613	3,440	93	229	2,561
Pennsylvania.....	38	5	319	1,382	211	439	1,001	2,760	705	3,450	131	377	3,189
East North Central.	108	10	1,155	5,555	717	1,548	3,523	11,108	4,037	15,185	361	1,604	12,999
Ohio.....	26	2	265	1,248	136	302	627	2,507	904	3,427	78	363	3,124
Indiana.....	24	2	211	783	100	230	399	1,248	687	1,927	80	243	1,231
Michigan.....	10	1	106	663	60	125	291	1,210	211	1,458	33	208	2,060
West North Central.	84	12	854	3,618	613	1,315	2,531	7,398	2,139	9,540	477	1,264	9,500
Missouri.....	31	5	363	1,355	244	468	817	2,622	739	3,350	258	609	4,877
Kansas.....	25	4	224	923	170	404	727	2,180	588	2,776	74	322	2,086
South Atlantic....	296	36	2,556	8,104	1,584	3,256	4,892	16,770	8,323	25,075	1,532	3,489	21,493
Maryland.....	15	2	126	526	83	196	333	992	382	1,379	51	185	1,817
Virginia.....	20	4	265	887	133	264	445	1,510	688	2,199	74	386	2,276
North Carolina...	55	3	372	1,033	207	415	547	2,060	1,717	3,766	92	414	1,752
South Carolina...	30	4	231	679	149	299	395	1,249	1,163	2,413	112	338	973
Georgia.....	69	8	561	1,576	349	638	898	3,058	1,765	4,801	844	933	5,512
Florida.....	92	14	862	2,853	548	1,194	1,815	6,572	2,227	8,795	271	1,087	7,857
East South Central.	136	8	912	3,023	542	1,174	1,753	5,588	2,552	8,124	331	1,337	7,080
Kentucky.....	17	1	122	444	75	151	260	709	271	980	42	227	1,129
Tennessee.....	37	4	281	1,023	176	408	621	2,045	715	2,750	81	371	1,995
Alabama.....	43	1	293	903	151	309	461	1,564	955	2,519	118	399	2,187
Mississippi.....	39	2	216	653	140	306	411	1,270	611	1,875	90	340	1,769
West South Central.	288	25	2,277	7,673	1,212	2,688	3,991	15,340	5,995	21,368	912	2,969	18,116
Arkansas.....	48	5	361	1,014	165	362	458	2,009	1,140	3,150	174	379	1,973
Louisiana.....	53	4	419	1,382	281	642	972	2,498	1,061	3,579	168	533	3,228
Oklahoma.....	32	2	212	664	134	292	418	1,310	781	2,099	191	313	1,843
Texas.....	155	14	1,285	4,613	632	1,392	2,143	9,523	3,013	12,540	379	1,744	11,072
Mountain.....	47	11	585	2,605	380	784	1,638	5,667	1,782	7,407	310	771	6,965
Pacific.....	94	17	1,144	6,587	732	1,287	3,440	15,228	3,924	19,083	1,347	1,483	16,255
Washington.....	8	2	132	587	86	121	352	1,483	439	1,918	42	(³)	(³)
California.....	79	14	956	5,733	606	1,110	2,922	13,234	3,348	16,609	1,295	1,354	15,029

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2098.—MACARONI AND SPAGHETTI													
Total.....	221	70	7,270	35,495	5,095	10,368	21,176	96,012	126,473	222,947	4,786	6,825	67,130
New England.....	22	3	452	2,219	305	647	1,151	5,684	10,648	16,473	480	447	5,331
Middle Atlantic....	60	21	2,861	14,560	1,955	4,154	8,530	38,751	51,986	90,807	1,944	2,549	26,586
New York.....	37	12	1,587	7,813	1,068	2,331	4,763	18,224	25,319	43,588	818	1,487	13,189
New Jersey.....	8	3	620	3,786	401	861	2,043	9,938	14,560	24,552	793	531	7,713
Pennsylvania.....	15	6	654	2,961	486	962	1,724	10,589	12,107	22,667	333	531	5,684
East North Central.	42	15	1,214	4,891	977	1,843	3,563	14,197	17,871	32,209	598	1,269	10,480
Illinois.....	22	8	691	2,959	557	1,111	2,100	8,461	9,531	17,997	286	661	5,351
Michigan.....	8	3	150	475	119	219	313	1,168	1,654	2,904	171	(³)	(³)
West North Central.	16	7	821	4,237	520	1,069	2,243	11,907	15,478	27,381	569	863	8,105
South.....	19	8	645	2,660	472	956	1,700	6,997	8,180	15,265	619	651	5,391
Louisiana.....	5	3	197	636	147	270	391	1,318	1,650	2,984	201	225	1,100
West.....	62	16	1,277	6,928	866	1,699	3,989	18,476	22,310	40,812	576	1,046	11,237
California.....	40	10	843	4,960	567	1,118	2,797	14,110	16,828	30,986	409	742	8,095
Hawaii.....	12	2	111	297	78	150	223	512	509	1,022	19	(³)	(³)
INDUSTRY 2099.—FOOD PREPARATIONS, N.E.C.													
Total.....	2,190	547	54,277	271,283	35,585	71,032	145,320	849,610	951,757	1,797,284	62,145	(²)	(²)
New England.....	118	36	2,620	12,466	1,731	3,394	6,640	39,942	45,123	84,964	2,129	(²)	(²)
Maine.....	10	5	273	1,384	156	340	571	2,478	3,285	5,780	186	(²)	(²)
Massachusetts....	73	23	1,674	8,039	1,140	2,172	4,382	28,850	30,203	58,862	1,469	(²)	(²)
Connecticut.....	10	4	323	1,519	213	437	930	5,157	4,189	9,080	213	(²)	(²)
Middle Atlantic....	398	98	10,456	54,407	7,540	15,386	33,557	187,510	211,955	397,517	7,810	(²)	(²)
New York.....	196	45	4,381	23,053	3,375	7,035	15,696	89,784	93,010	184,122	2,836	(²)	(²)
New Jersey.....	62	22	2,321	13,906	1,501	2,984	7,801	55,364	59,005	111,553	1,437	(²)	(²)
Pennsylvania.....	140	31	3,754	17,448	2,664	5,367	10,060	42,362	59,940	101,842	3,537	(²)	(²)
East North Central.	454	137	13,350	72,855	8,877	17,962	39,679	236,662	251,956	487,734	12,253	(²)	(²)
Ohio.....	132	31	3,046	14,565	2,061	4,147	8,113	45,713	44,486	89,784	1,594	(²)	(²)
Indiana.....	49	18	1,444	7,126	1,038	2,074	3,813	18,133	25,887	43,923	2,395	(²)	(²)
Illinois.....	142	51	5,332	32,792	3,634	7,526	18,712	132,779	133,099	265,670	5,184	(²)	(²)
Michigan.....	80	25	2,210	11,576	1,313	2,560	5,340	21,788	29,799	51,413	2,200	(²)	(²)
Wisconsin.....	51	12	1,318	6,796	831	1,655	3,701	18,249	18,685	36,944	880	(²)	(²)
West North Central.	145	43	3,779	18,920	2,226	4,173	8,500	48,677	51,700	99,582	3,068	(²)	(²)
Minnesota.....	20	11	779	4,277	525	972	1,994	10,853	15,515	26,500	357	(²)	(²)
Iowa.....	28	9	727	3,600	387	792	1,434	9,451	9,169	18,238	495	(²)	(²)
Missouri.....	59	12	1,419	7,220	777	1,413	3,225	19,154	17,063	35,806	1,241	(²)	(²)
Nebraska.....	9	4	321	1,410	217	394	763	4,688	4,368	9,005	575	(²)	(²)
Kansas.....	22	4	413	1,920	240	451	821	3,589	4,708	8,266	271	(²)	(²)
South Atlantic.....	215	56	5,912	26,753	3,687	7,504	13,177	96,208	108,692	205,310	25,102	(²)	(²)
Maryland.....	26	10	1,248	5,567	813	1,652	3,087	23,253	27,219	50,361	(D)	(²)	(²)
Virginia.....	29	11	1,035	4,870	740	1,464	2,916	33,215	34,751	68,419	1,046	(²)	(²)
North Carolina....	45	14	859	3,321	429	866	1,210	7,195	9,428	16,646	(D)	(²)	(²)
Georgia.....	37	12	1,904	9,197	1,210	2,505	4,425	24,456	25,606	50,131	1,605	(²)	(²)
Florida.....	44	5	551	2,659	315	660	1,040	4,567	7,618	12,169	(D)	(²)	(²)
East South Central.	110	24	2,913	12,910	1,637	3,322	5,597	31,886	50,567	82,357	1,331	(²)	(²)
Kentucky.....	26	5	874	4,313	497	1,056	2,050	10,244	24,109	34,333	354	(²)	(²)
Tennessee.....	49	13	1,354	5,266	809	1,661	2,541	14,057	15,982	30,001	522	(²)	(²)
Alabama.....	26	6	645	3,203	305	562	948	7,273	9,907	17,146	432	(²)	(²)
West South Central.	259	59	5,451	22,791	3,544	7,298	12,424	66,474	85,863	151,988	4,022	(²)	(²)
Arkansas.....	17	3	267	883	188	339	538	2,312	2,870	5,179	80	(²)	(²)
Louisiana.....	43	12	977	4,113	549	1,107	2,004	8,900	15,120	23,679	722	(²)	(²)
Oklahoma.....	20	5	451	1,579	250	542	844	2,588	4,876	7,433	123	(²)	(²)
Texas.....	179	39	3,756	16,216	2,557	5,310	9,038	52,674	62,997	115,697	3,097	(²)	(²)
Mountain.....	123	21	1,754	7,092	1,244	2,165	3,869	17,889	19,750	37,861	872	(²)	(²)
Colorado.....	40	11	762	3,215	580	1,036	1,973	6,358	8,884	15,564	303	(²)	(²)
New Mexico.....	17	3	184	623	139	259	426	1,462	1,209	2,655	71	(²)	(²)
Arizona.....	31	3	292	1,055	197	347	537	2,571	4,113	6,646	123	(²)	(²)
Utah.....	14	3	318	1,418	190	285	537	5,674	3,383	8,982	290	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2099.—FOOD PREPARATIONS, N.E.C.—Continued												
Pacific.....	368	73	8,042	43,089	5,099	9,828	21,877	124,362	126,151	249,971	5,558	(²)	(²)
Washington.....	30	7	660	3,498	467	902	2,212	12,198	11,340	23,180	539	(²)	(²)
Oregon.....	16	6	434	1,921	291	481	1,010	5,988	6,331	12,305	299	(²)	(²)
California.....	276	57	6,606	36,651	4,093	7,995	18,028	103,626	105,722	209,223	4,509	(²)	(²)
Hawaii.....	46	3	342	1,019	248	450	627	2,550	2,758	5,263	211	(²)	(²)

n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2095, Roasted Coffee: New England—New Hampshire, 1 (1-19); Connecticut, 4 (20-99); New York, 38 (1,429); Pennsylvania, 2 (262); East North Central—Indiana, 1 (1-19); Michigan, 10 (247); Wisconsin, 2 (1-19); West North Central—Minnesota, 9 (100-249); Nebraska, 1 (20-99); Kansas, 1 (1-19); South Atlantic—Maryland, 6 (20-99); Virginia, 3 (128); North Carolina, 2 (20-99); South Carolina, 2 (1-19); Georgia, 4 (20-99); East South Central—Kentucky, 2 (1-19); Alabama, 6 (20-99); Mississippi, 4 (20-99); West South Central—Arkansas, 3 (1-19); Oklahoma, 3 (100-249); Mountain—Colorado, 2 (20-99); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 5 (20-99); Oregon, 4 (158); Hawaii, 1 (1-19).

SIC 2097, Manufactured Ice: New England—Maine, 5 (20-99); Vermont, 3 (1-19); Rhode Island, 8 (20-99); Connecticut, 7 (20-99); East North Central—Illinois, 39 (250-499); Wisconsin, 9 (20-99); West North Central—Minnesota, 5 (20-99); Iowa, 14 (100-249); North Dakota, 1 (1-19); South Dakota, 3 (20-99); Nebraska, 5 (20-99); South Atlantic—Delaware, 4 (20-99); District of Columbia, 3 (20-99); West Virginia, 8 (20-99); Mountain—Montana, 1 (1-19); Idaho, 3 (1-19); Wyoming, 4 (20-99); Colorado, 7 (146); New Mexico, 10 (20-99); Arizona, 15 (100-249); Utah, 5 (20-99); Nevada, 2 (20-99); Pacific—Oregon, 5 (1-19); Alaska, 1 (20-99); Hawaii, 1 (1-19).

SIC 2098, Macaroni and Spaghetti: New England—Massachusetts, 17 (250-499); Rhode Island, 1 (1-19); Connecticut, 4 (100-249); East North Central—Ohio, 8 (20-99); Indiana, 3 (183); Wisconsin, 1 (100-249); West North Central—Minnesota, 6 (215); Iowa, 2 (1-19); Missouri, 4 (100-249); Nebraska, 3 (302); Kansas, 1 (100-249); South Atlantic—Maryland, 2 (20-99); District of Columbia, 2 (1-19); Virginia, 1 (1-19); Florida, 2 (20-99); East South Central—Kentucky, 1 (100-249); Tennessee, 1 (100-249); West South Central—Texas, 5 (127); Mountain—Colorado, 2 (20-99); Utah, 1 (1-19); Pacific—Washington, 5 (176); Oregon, 2 (20-99).

SIC 2099, Food Preparations, n.e.c.: New England—New Hampshire, 8 (20-99); Vermont, 9 (145); Rhode Island, 8 (100-249); West North Central—North Dakota, 3 (20-99); South Dakota, 4 (20-99); South Atlantic—Delaware, 3 (20-99); District of Columbia, 3 (105); West Virginia, 7 (20-99); South Carolina, 21 (20-99); East South Central—Mississippi, 9 (20-99); Mountain—Montana, 9 (20-99); Idaho, 8 (20-99); Wyoming, 2 (1-19); Nevada, 2 (1-19).

²Comparable data for 1958 is not available because of revisions in the Standard Industrial Classification (see text and footnotes 1 and 3 in table 1).

³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Roasted coffee (SIC 2095)	Manufactured ice (SIC 2097)	Macaroni and spaghetti (SIC 2098)	Food preparations, n.e.c. (SIC 2099)
Primary product specialization ratio ¹.....	.90	99	.96	.91
Coverage ratio ².....	.99	1.00	.94	.78
Establishments, total.....number..	324	1,199	221	2,190
With 1 to 19 employees.....do....	191	1,064	151	1,643
With 20 to 99 employees.....do....	92	134	44	430
With 100 employees or more.....do....	41	1	26	117
Proprietors and working partners.....do....	86	653	144	1,288
All employees (average for the year).....do....	17,175	10,757	7,270	54,277
Payroll (all employees), total for year.....\$1,000..	111,429	42,872	35,495	271,283
Production workers:				
Average for the year.....number..	10,112	6,714	5,095	35,585
March.....do....	10,278	5,481	5,397	34,571
May.....do....	10,442	7,118	4,870	35,095
August.....do....	10,491	8,470	4,880	35,832
November.....do....	9,239	5,787	5,233	36,842
Man-hours.....1,000..	20,499	14,056	10,368	71,032
January-March.....do....	5,086	2,764	2,814	17,164
April-June.....do....	5,023	3,800	2,438	17,803
July-September.....do....	4,985	4,448	2,438	17,775
October-December.....do....	5,405	3,044	2,678	18,290
Wages.....\$1,000..	55,596	25,905	21,176	145,320
Cost of materials, etc., total.....do....	1,256,589	32,442	126,473	951,757
Materials, parts, containers, and supplies consumed.....do....	1,177,814	12,776	115,901	838,475
Cost of resales.....do....	71,677	6,916	7,832	92,485
Fuels consumed.....do....	3,226	1,233	777	8,859
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	207	743	93	373
Cost.....\$1,000..	2,649	11,312	1,417	6,192
Generated less sold.....million kw.-hrs..	(D)	5	-	40
Contract work.....\$1,000..	1,223	205	546	5,746
Value of shipments (including resales), total.....do....	1,868,058	122,550	222,947	1,797,284
Value of resales.....do....	113,826	11,441	9,892	115,125
Value added by manufacture, adjusted.....do....	616,407	90,204	96,012	849,610
Manufacturers' inventories:				
Beginning of year, total.....do....	139,638	2,776	15,792	173,402
Finished products.....do....	49,018	2,113	6,763	70,904
Work-in-process.....do....	8,346	19	870	5,932
Materials, supplies, fuel, etc.....do....	82,274	644	8,159	96,566
End of year, total.....do....	151,086	2,718	14,815	174,079
Finished products.....do....	54,484	2,213	6,527	73,789
Work-in-process.....do....	7,818	15	644	7,130
Materials, supplies, fuel, etc.....do....	88,784	490	7,644	93,160
Expenditures for plant and equipment, total.....do....	23,909	6,526	4,797	63,000
New, total.....do....	23,459	5,741	4,786	62,145
New structures and additions to plant.....do....	6,218	2,603	423	26,337
New machinery and equipment.....do....	17,241	3,138	4,363	35,808
Used plant and equipment.....do....	450	785	11	855
Selected operating ratios:				
Payroll/Total employment.....	6,488	3,985	4,882	4,998
Production workers/Total employment.....	.59	.62	.70	.65
Man-hours/Production workers.....	2,027	2,094	2,035	2,007
Production worker wages/Man-hours.....	2.71	1.84	2.04	2.05
Cost of materials and payrolls/Total value of shipments....	.73	.55	.73	.67
Cost of materials/Total value of shipments.....	.67	.24	.57	.52
Adjusted value added/Total employment.....	35,890	9,758	13,207	16,029
Salaries and wages/Adjusted value added.....	.18	.41	.37	.31

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2095.—ROASTED COFFEE											
Establishments.....number..	324	78	61	52	63	29	27	8	5	1	-
All employees:											
Total.....do....	17,175	185	410	778	2,008	2,048	4,583	2,722	4,441	(D)	-
Payroll.....\$1,000..	111,429	806	1,954	4,403	11,911	13,260	30,574	18,109	30,412	(D)	-
Value added, adjusted.....do....	616,407	3,288	5,581	11,940	52,463	63,154	127,517	119,138	233,326	(D)	-
Value of shipments.....do....	1,868,058	11,637	19,793	69,128	205,239	206,269	453,656	325,694	576,642	(D)	-
Capital expenditures, new...do....	23,459	54	154	330	1,428	5,278	5,818	2,944	7,453	(D)	-
INDUSTRY 2097.—MANUFACTURED ICE											
Establishments.....number..	1,199	517	315	232	118	16	1	-	-	-	-
All employees:											
Total.....do....	10,757	1,139	2,092	3,106	3,314	1,106	(D)	-	-	-	-
Payroll.....\$1,000..	42,872	3,752	7,691	12,168	14,180	5,081	(D)	-	-	-	-
Value added, adjusted.....do....	90,204	8,172	15,777	25,373	30,719	10,163	(D)	-	-	-	-
Value of shipments.....do....	122,550	13,254	23,179	34,642	38,388	13,087	(D)	-	-	-	-
Capital expenditures, new...do....	5,741	575	815	1,416	2,618	317	(D)	-	-	-	-
INDUSTRY 2098.—MACARONI AND SPAGHETTI											
Establishments.....number..	221	75	44	32	26	18	22	4	-	-	-
All employees:											
Total.....do....	7,270	167	302	480	845	1,239	3,029	1,208	-	-	-
Payroll.....\$1,000..	35,495	483	985	1,793	3,669	6,168	15,569	6,828	-	-	-
Value added, adjusted.....do....	96,012	1,197	2,042	3,982	9,346	14,998	41,028	23,419	-	-	-
Value of shipments.....do....	222,947	3,670	4,996	10,317	22,332	36,377	95,624	49,631	-	-	-
Capital expenditures, new...do....	4,786	84	133	168	481	1,134	1,889	897	-	-	-
INDUSTRY 2099.—FOOD PREPARATIONS, N.E.C.											
Establishments.....number..	2,190	842	415	386	309	121	87	24	6	-	-
All employees:											
Total.....do....	54,277	1,592	2,835	5,288	9,875	8,156	13,889	8,794	3,848	-	-
Payroll.....\$1,000..	271,283	4,994	10,863	20,236	44,933	40,596	76,699	51,191	21,771	-	-
Value added, adjusted.....do....	849,601	16,185	31,094	52,605	131,655	128,074	223,901	185,268	80,819	-	-
Value of shipments.....do....	1,797,284	36,776	69,491	126,235	296,325	268,588	468,394	371,916	159,559	-	-
Capital expenditures, new...do....	62,145	¹ 23,665	(D)	3,217	7,718	7,596	10,040	7,324	2,585	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation which constitute a small proportion of the total for the size class.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		((\$1,000))	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2095	Roasted coffee ¹.....1963.. 1958..	1,868,058 (¹)	1,584,433 (¹)	167,876 (¹)	115,749 (¹)	90 (¹)	1,602,699 (¹)	1,584,433 (¹)	18,266 (¹)	99 (¹)
2097	Manufactured ice.....1963.. 1958..	122,550 149,552	94,320 113,858	(²) 951	² 28,230 34,743	99 99	94,790 115,229	94,320 113,858	470 1,371	100 99
2098	Macaroni and spaghetti.....1963.. 1958..	222,947 180,190	203,299 162,033	7,710 4,538	11,938 13,619	96 97	215,901 165,257	203,299 162,033	12,602 3,224	94 98
2099	Food preparations, n.e.c.....1963.. 1958..	1,797,284 ¹ 3,432,094	1,528,410 ¹ 3,060,268	149,621 ¹ 150,317	119,253 ¹ 221,509	91 ¹ 95	1,962,038 ¹ 3,235,428	1,528,410 ¹ 3,060,268	433,628 ¹ 175,160	78 ¹ 95

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹In 1958, data for the roasted coffee industry was included in industry 2099, Food Preparations, N.E.C.

²Secondary products included with miscellaneous receipts.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Roasted coffee (SIC 2095)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Macaroni and spaghetti (SIC 2098)	Other industries
ROASTED COFFEE INDUSTRY					MACARONI AND SPAGHETTI INDUSTRY—Continued				
	Total shipments and receipts of the industry.....	(X)	1,868,058	(X)		Secondary products ⁵	(X)	7,710	(X)
	Primary products.....	1,602,699	1,584,433	18,266		Miscellaneous receipts.....	(X)	11,938	(X)
20951	Roasted coffee, whole bean or ground.....	1,206,392	1,192,696	¹ 13,696	99989	Resales.....	(X)	9,892	(X)
20952	Concentrated coffee.....	396,307	391,737	² 4,570		Other receipts including commission receipts.....	(X)	2,046	(X)
	Secondary products.....	(X)	167,876	(X)			All industries	Food preparations, n.e.c. (SIC 2099)	Other industries
20338	Jams, jellies, and preserves....	(X)	7,065	(X)		FOOD PREPARATIONS, N.E.C., INDUSTRY			
20354	Salad dressing, mayonnaise, and sandwich spreads.....	(X)	5,366	(X)		Total shipment and receipts of the industry.....	(X)	1,797,284	(X)
20991	Desserts (ready-to-mix).....	(X)	44,600	(X)		Primary products.....	1,962,038	1,528,410	433,628
20993	Sweetening syrup and molasses...	(X)	5,919	(X)	20991	Desserts (ready-to-mix).....	191,624	129,912	⁶ 61,712
20998	Chocolate and cocoa products, except confectionery (made from purchased chocolate or cocoa)...	(X)	3,385	(X)	20992	Chips (potato, corn, etc.).....	465,975	453,360	⁷ 12,615
20999	Other food preparations, n.e.c..	(X)	69,027	(X)	20993	Sweetening sirups and molasses...	136,513	73,272	⁸ 63,241
	Other secondary products ³	(X)	32,514	(X)	20994	Baking powder and yeast.....	80,769	72,225	⁹ 8,544
	Miscellaneous receipts.....	(X)	115,749	(X)	20996	Vinegar and cider.....	53,854	29,290	¹⁰ 24,564
93000	Commission work on materials owned by others.....	(X)	615	(X)	20998	Chocolate and cocoa products, except confectionery (made from purchased chocolate or cocoa)....	51,072	30,499	¹¹ 20,573
99989	Resales.....	(X)	113,826	(X)	20999	Other food preparations, n.e.c....	883,290	643,828	¹² 239,462
99980	Other miscellaneous receipts	(X)	1,308	(X)	20990	Miscellaneous food, n.s.k.....	98,941	96,024	2,917
		All industries	Manufactured ice (SIC 2097)	Other industries		Secondary products.....	(X)	149,621	(X)
MANUFACTURED ICE INDUSTRY					20231	Dry milk products.....	(X)	2,683	(X)
	Total shipments and receipts of the industry.....	(X)	122,550	(X)	20334	Canned fruit juices.....	(X)	2,227	(X)
20970	Manufactured ice.....	94,790	94,320	470	20342	Soup mixes (dried and dehydrated and freeze-dried).....	(X)	2,344	(X)
	Secondary products and miscellaneous receipts.....	(X)	28,230	(X)	20352	Pickles and other pickled products	(X)	2,479	(X)
93000	Commission work on materials owned by others.....	(X)	1,217	(X)	20353	Meat sauce (except tomato) and unfinished pickles.....	(X)	4,046	(X)
99989	Resales.....	(X)	11,441	(X)	20354	Salad dressing, mayonnaise and sandwich spreads.....	(X)	6,831	(X)
99980	Receipts from cold storage and other miscellaneous receipts....	(X)	15,572	(X)	20424	Other prepared animal feeds.....	(X)	2,003	(X)
		All industries	Macaroni and spaghetti (SIC 2098)	Other industries	20455	Prepared flour and flour mixes....	(X)	10,803	(X)
MACARONI AND SPAGHETTI INDUSTRY					20716	Salted nuts and other confectionery type products.....	(X)	18,299	(X)
	Total shipments and receipts of the industry.....	(X)	222,947	(X)	20721	Chocolate coatings.....	(X)	3,192	(X)
20980	Macaroni and noodle products.....	215,901	203,299	⁴ 12,602	20871	Flavoring extracts, emulsions and other liquid flavors.....	(X)	18,596	(X)
					20874	Other flavoring agents, except chocolate sirups.....	(X)	11,609	(X)
					20951	Roasted coffee, whole bean or ground.....	(X)	11,906	(X)
					20952	Concentrated coffee.....	(X)	3,558	(X)
						Other secondary products ¹³	(X)	49,045	(X)
						Miscellaneous receipts.....	(X)	119,253	(X)
					93000	Commission work on materials owned by others.....	(X)	1,645	(X)
					99989	Resales.....	(X)	115,125	(X)
						Other receipts.....	(X)	2,483	(X)

Standard Notes: - Represents zero. applicable.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

Footnotes continued on next page.

Footnotes for table 5B—20I—continued

¹Includes \$12 million shipped by industry 2099, Food Preparations, N.E.C.

²Includes \$4 million shipped by industry 2099, Food Preparations, N.E.C.

³Includes the following product classes which total \$2 or more but are withheld to avoid disclosing individual company figures: 20455, Prepared flour and flour mixes (made from flour not milled in same establishment); 20872, Beverage bases, except sirups and concentrated fruit juices, 28332, Other medicinal chemicals and botanical products, n.e.c., in bulk.

⁴Includes \$2 million or more shipped by industry 2032, Canned Specialties which were withheld to avoid disclosing individual company figures.

⁵Includes product class 20341, Dried and dehydrated fruits and vegetables and freeze dried products, except soups, which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.

⁶The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2072, Chocolate and Cocoa products; 2095, Roasted Coffee.

⁷The following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2051, Bread and Related Products.

⁸Includes \$3 million shipped by industry 2033, Canned Fruits and Vegetables; \$5 million shipped by industry 2035, Pickles, Sauces, and Salad Dressing; \$41 million shipped by industry 2046, Wet Corn Milling; \$6 million shipped by industry 2095, Roasted Coffee. In addition the following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2096, Shortening and Cooking Oils.

⁹The following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2096, Shortening and Cooking Oils.

¹⁰Includes \$14 million shipped by industry 2033, Canned Fruits and Vegetables, and \$5 million shipped by industry 2035, Pickles, Sauces, Salad Dressing. In addition, the following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2032, Canned Specialties.

¹¹Includes \$9 million shipped by industry 2087, Flavorings. In addition, the following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2046, Wet Corn Milling.

¹²Includes the following amounts: \$18 million shipped by industry 2033, Canned Fruits and Vegetables; \$25 million shipped by industry 2035, Pickles, Sauces, Salad Dressing; \$24 million shipped by industry 2045, Blended and Prepared Flour; \$19 million shipped by industry 2071, Confectionery Products; \$69 million shipped by industry 2095, Roasted Coffee; and \$10 million shipped by industry 2096, Shortening and Cooking Oils.

¹³Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 20138, Canned meats; 20430, Cereals, breakfast foods; 20460, Wet corn milling; 20522, Other "dry" bakery products, including ice cream cones; 20830, Malt and malt byproducts.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2095- --	ROASTED AND CONCENTRATED COFFEE, TOTAL.....	.....	(X)	1,602,699	(X)	1,768,243
20951 --	Roasted coffee, whole bean or ground.....	1,000 lbs.....	2,039,236	1,206,392	1,818,097	1,367,144
20951 11	Whole bean.....	..do.....	205,091	98,997	409,301	279,553
20951 15	Ground.....	..do.....	1,821,304	1,099,308	1,408,796	1,087,591
20951 99	Roasted coffee, n.s.k.....	..do.....	12,841	8,087	-	-
20952 --	Concentrated coffee.....	.....	(X)	396,307	(X)	401,099
20952 11	Liquid and frozen.....	1,000 gals.....	298	1,525	612	4,990
20952 15	Powdered.....	1,000 lbs.....	188,252	394,185	152,349	396,109
20952 99	Concentrated coffee, n.s.k.....	.....	(X)	597	-	-
2097- --	MANUFACTURED ICE, TOTAL.....	.....	(X)	94,790	(X)	115,229
20970 11	Canned or block ice.....	1,000 tons.....	6,554	54,246	10,043	71,836
20970 51	Cubed, crushed, or other processed ice.....	..do.....	1,002	16,382	1,223	16,889
20970 00	Manufactured ice, n.s.k.....	.....	(X)	24,162	(X)	26,504
2098- --	MACARONI, SPAGHETTI AND NOODLES, TOTAL.....	1,000 lbs.....	1,207,490	215,901	996,207	165,257
20980 11	Macaroni, spaghetti, vermicelli, and other macaroni products of all shapes, sizes and types, except canned.....	..do.....	994,488	167,700	796,208	125,254
20980 51	Noodle products of all shapes, sizes and types, except canned.....	..do.....	164,583	39,534	142,879	30,521
20980 00	Macaroni and spaghetti, n.s.k.....	..do.....	148,419	8,667	157,120	9,482
2099- --	FOOD PREPARATIONS, N.E.C., TOTAL.....	.....	(X)	1,962,038	(X)	1,467,185
20991 --	Desserts (ready-to-mix).....	1,000 lbs.....	513,850	191,624	410,782	138,763
20991 13	Cornstarch base: Consumer sizes (less than 1 lb.)..... Commercial sizes (1 lb. and over).....	..do..... ..do.....	95,015 28,456	35,988 9,757	} 159,349	55,714
20991 53	Gelatin base: Consumer sizes (less than 1 lb.)..... Commercial sizes (1 lb. and over).....	..do..... ..do.....	242,493 48,344	99,634 16,241		
20991 93	Other base: Consumer sizes (less than 1 lb.).....	..do.....	} 99,542	30,004	62,880	25,215
20991 95	Commercial sizes (1 lb. and over).....	..do.....				
20992 --	Chips, sticks, etc. (bagged or canned).....	..do.....	843,201	465,975	487,262	294,306
20992 13	Potato chips: Plain.....	..do..... ..do.....	573,173 39,271	328,786 26,230	} 2424,556	2263,326
20992 15	Flavored.....	..do.....				
20992 61	Corn chips.....	..do.....	148,800	63,299	62,706	30,980
20992 98	Other chips, sticks, etc. (potato sticks, bacon rinds, etc.)....	..do.....	62,990	37,171	(2)	(2)
20992 00	Chips, sticks, n.s.k.....	..do.....	118,967	10,489	(X)	(X)
20993 --	Sweetening sirups and molasses.....	..do.....	974,548	136,513	(X)	95,610
20993 11	Containing corn sirup.....	..do.....	567,649	70,693	435,388	50,403
20993 53	Not containing corn sirup (including maple sirup).....	..do.....	406,899	65,820	(NA)	45,207
20994 --	Baking powder and yeast.....	..do.....	(X)	80,769	(X)	83,049
20994 11	Baking powder: ³ Consumer sizes (less than 5 lbs.).....	..do..... ..do.....	30,906 54,145	6,998 6,501	38,396 21,680	6,571 3,110
20994 15	Commercial sizes (5 lbs. and over).....	..do.....				
20994 21	Compressed yeast: Consumer sizes (2 oz. or less).....	..do.....	} 292,536	59,278	{ 6,138 278,400	3,994 45,715
20994 25	Commercial sizes (over 2 oz.).....	..do.....				
20994 33	Active dry yeast: Consumer sizes (4 oz. or less).....	1,000 lbs. (dry basis).. ..do.....	}		{ (D) (D)	(D) (D)
20994 35	Commercial sizes (over 4 oz.).....	..do.....				
20994 51	Other yeast products (brewers, primary grown yeast, including torula extracts and other yeast products): For food purposes.....	..do..... ..do.....	17,676 32,561	4,956 2,312	} 62,792	5,940
20994 57	For feed purposes.....	..do.....				
20994 00	Baking powder and yeast, n.s.k.....	.....	(X)	724	(X)	(D)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2099- --	FOOD PREPARATIONS, N.E.C.—Continued					
20996 --	Vinegar and cider.....	1,000 gals....	161,286	53,854	(X)	44,209
20996 11	Cider.....	...do.....	7,741	4,832	17,426	5,273
	Vinegar, fermented:					
20996 52	Consumer sizes (1 gallon or less).....	...do.....	35,504	21,321	23,098	12,901
20996 53	Commercial sizes (more than 1 gallon).....	...do.....	34,951	6,534	23,212	4,550
	Vinegar, distilled:					
20996 54	Consumer sizes (1 gallon or less).....	...do.....	5,826	6,077	7,936	6,521
20996 56	Commercial sizes (more than 1 gallon).....	...do.....	52,508	8,606	37,359	6,472
20996 57	Vinegar stock.....	...do.....	11,624	2,098	14,802	2,366
20996 00	Vinegar and cider, n.s.k.....	...do.....	113,132	4,386	(X)	6,126
20998 --	Chocolate and cocoa products, except confectionery made from purchased chocolate ⁴	1,000 lbs....	194,187	51,072	(NA)	50,089
20999 --	Other food preparations, n.e.c.....	.....	(X)	883,290	(X)	684,213
20999 11	Cocunut, sweetened, creamed, and toasted.....	1,000 lbs....	(⁵)	(⁵)	31,224	14,550
20999 25	Blended honey (including churned).....	...do.....	57,723	14,792	32,882	8,092
	Spices:					
	Pepper, white and black:					
20999 31	Consumer sizes (less than 1 lb.).....	...do.....	24,167	22,392	} 28,298	19,862
20999 33	Commercial sizes (1 lb. and over).....	...do.....	18,418	8,275		
	Other spices, including seasoning and dry salad dressings:					
20999 38	Consumer sizes (less than 1 lb.).....	...do.....	65,606	67,903	} (NA)	90,357
20999 39	Commercial sizes (1 lb. and over).....	...do.....	117,449	54,162		
20999 45	Peanut butter.....	...do.....	382,024	140,568	331,413	129,765
20999 51	Pectin (100 grade, dry basis).....	...do.....	15,492	14,364	10,497	9,105
	Perishable prepared foods sold in bulk or packages (not frozen):					
20999 63	Salads.....	.....	(X)	25,777	(X)	16,091
20999 65	Sandwiches, made from bread.....	1,000 dozen...	7,411	18,617	⁶ 10,570	⁶ 18,200
20999 67	Julienne style potatoes, including french fried.....	1,000 lbs....	55,442	7,476	18,986	6,016
20999 68	Other perishable prepared foods, including meat and poultry pies, other cooked foods, popcorn (except candied), etc.....	.....	(X)	84,146	(⁷)	(⁷)
20999 66	Whipped topping, nonbutterfat base.....	1,000 quarts..	52,866	21,611	(⁷)	(⁷)
20999 81	Tea, packaged.....	1,000 lbs....	132,841	181,171	96,480	134,424
20999 85	Unpopped popcorn, in consumer packages.....	...do.....	87,679	9,379	(⁷)	(⁷)
20999 91	Cracker sandwiches, made from purchased crackers.....	...do.....	30,963	16,384	(⁷)	(⁷)
20999 92	Frosting mixes.....	...do.....	113,537	46,377	(⁷)	(⁷)
20999 00	Other food preparations, n.e.c., n.s.k.....	.....	(X)	249,896	(X)	237,751
20990 00	Miscellaneous foods, n.s.k.....	.....	(X)	98,941	(X)	76,946

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.
(X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Quantity estimated based on quantity-value relationship report for other products.

²In 1958, separate data for other chips, sticks, etc. were not collected. A review of the 1958 reports for some large producers of these products indicates that they probably reported these products with potato chips.

³Does not include the quantity of baking powder manufactured by wholesale grocers classified in Standard Industrial Classification Industry Group 5042, Groceries and Food Specialties; no statistics were obtained in either the 1958 or 1963 Census on the amount of baking powder manufacture in such establishments.

⁴Includes cooking and baking chocolate, powdered cocoa, and chocolate sirups made from purchased chocolate. Chocolate products made in establishments that grind cocoa beans are classified in industry 2072, Chocolate and Cocoa Products. Figures on total shipments of specific chocolate products regardless of where made are included in table 6A for industry 2072, Chocolate and Cocoa Products.

⁵For 1963, data for product code 2099911 are included with product code 2099900 in order to avoid disclosing data for individual companies.

⁶For 1958, data for product code 2099965 includes a small undetermined amount of cracker sandwiches made from purchased crackers, the bulk of which was probably included with product code 2099900. For 1963, data for cracker sandwiches made from purchased crackers were collected separately under product code 2099991.

⁷In 1958, separate data for these products were not collected. A review of the 1958 reports for some of the large producers indicated the 1958 data were probably included with product code 2099900.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
2095-	Roasted coffee.....1963..	149	58
	.....1958..	128	75
2097-	Manufactured ice.....1963..	51	134
	.....1958..	75	116
2098-	Macaroni and spaghetti.....1963..	126	108
	.....1958..	110	100
2099-	Food preparations, n.e.c.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
20991	Desserts (ready-to-mix).....1963..	128	121
	.....1958..	107	105
20992	Chips, sticks, etc. (bagged or canned).....1963..	245	103
	.....1958..	144	111
20993	Sweetening sirups and molasses.....1963..	147	118
	.....1958..	98	118
20994	Baking powder and yeast.....1963..	116	103
	.....1958..	116	106
20996	Vinegar and cider.....1963..	106	120
	.....1958..	103	109

n.e.c. Not elsewhere classified.

¹Not shown pending further review of data covering products classified in product class 20999, Other food preparations, n.e.c.

TABLE 6C. **Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963**

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2095-	Roasted coffee.....\$1,000..	1,602,699	1,633,831	1,653,842	1,730,649	1,654,836	1,768,243	1,886,736	755,125
20951	Roasted coffee, whole bean or ground:								
	Quantity.....1,000 pounds..	2,039,236	(NA)	(NA)	(NA)	(NA)	1,818,097	1,612,898	1,865,799
	Value.....\$1,000..	1,206,392	(NA)	(NA)	(NA)	(NA)	1,367,144	1,559,659	755,125
20952	Concentrated coffee.....do....	396,307	(NA)	(NA)	(NA)	(NA)	401,099	327,077	(NA)
20970	Manufactured ice.....do....	94,790	108,308	110,525	110,770	114,342	115,229	132,979	264,326
20980	Macaroni and noodle products:								
	Quantity.....1,000 pounds..	1,207,490	1,081,502	1,048,829	1,043,275	1,001,389	996,207	(NA)	(NA)
	Value.....\$1,000..	215,901	189,760	178,301	178,400	178,748	165,257	151,136	111,187
2099-	Food preparations, n.e.c.....do....	1,962,038	1,990,130	1,885,397	1,805,162	1,631,497	1,467,185	1,151,237	(NA)
20991	Desserts (ready-to-mix):								
	Quantity.....1,000 pounds..	513,850	(NA)	(NA)	(NA)	(NA)	410,782	380,966	291,568
	Value.....\$1,000..	191,624	156,210	142,114	150,369	148,134	138,763	123,116	79,638
20992	Chips (potato, corn, etc.):								
	Quantity.....1,000 pounds..	843,201	812,809	758,522	697,278	598,355	487,262	337,129	(NA)
	Value.....\$1,000..	465,975	472,312	424,014	380,714	340,464	294,306	183,334	(NA)
20993	Sweetening sirups and molasses:								
	Quantity.....1,000 pounds..	974,548	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	136,513	129,888	122,071	116,490	114,239	95,610	78,157	91,491
20994	Baking powder and yeast.....do....	80,769	86,998	86,359	85,285	86,020	83,049	70,264	63,638
20996	Vinegar and cider:								
	Quantity.....1,000 gallons..	161,286	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	53,854	69,221	64,886	56,545	48,397	44,209	41,495	21,116
20998	Chocolate and cocoa products, except confectionery (made from purchased chocolate or cocoa):								
	Quantity.....1,000 pounds..	194,187	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	51,072	(48,877)	(57,920)	(63,047)	62,205	50,089	47,374	(NA)
20999	Other food preparations, n.e.c.....do....	883,290	927,334	891,091	859,069	755,389	684,213	578,445	(NA)
20990	Miscellaneous foods, n.s.k.....do....	98,941	99,290	96,942	93,643	76,649	76,946	29,052	28,371

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments
	1963 ¹			1963 ¹	1958		1963 ¹
ROASTED COFFEE, WHOLE BEAN OR GROUND (20951)			CHIPS, STICKS, ETC. (BAGGED OR CANNED) (20992)—Con.			VINEGAR AND CIDER (20996)—Continued	
United States, total.....	1,206,392		East North Central.....	114,528	80,342	West North Central.....	4,286
New England.....	23,003		Ohio.....	37,387	25,281	Missouri.....	1,234
Massachusetts.....	21,209		Indiana.....	18,063	9,829	South Atlantic.....	6,024
Middle Atlantic.....	368,897		Illinois.....	25,982	17,174	Virginia.....	3,048
New York.....	99,400		Michigan.....	19,904	19,722	East South Central.....	1,467
New Jersey.....	257,321		Wisconsin.....	13,192	8,336	West South Central.....	2,984
Pennsylvania.....	12,176		West North Central.....	40,100	24,589	Texas.....	2,245
East North Central.....	128,168		Minnesota.....	9,250	6,895	West.....	13,071
Ohio.....	38,907		Iowa.....	6,913	3,122	Washington.....	1,240
Illinois.....	78,766		Missouri.....	13,830	7,532	California.....	11,271
West North Central.....	110,131		South Atlantic.....	49,813	29,980	CHOCOLATE AND COCOA PRODUCTS, EXCEPT CONFECTIONERY (MADE FROM PURCHASED CHOCOLATE OR COCOA) (20998)	
Missouri.....	55,560		Georgia.....	24,107	11,499	United States, total.....	51,072
South Atlantic.....	98,572		East South Central.....	22,684	11,809	New England.....	2,727
District of Columbia.....	12,141		Tennessee.....	12,913	5,854	Middle Atlantic.....	11,044
Virginia.....	4,693		West South Central.....	48,357	30,327	New York.....	5,953
Florida.....	58,656		Louisiana.....	4,195	(²)	New Jersey.....	2,716
East South Central.....	24,648		Texas.....	40,504	24,252	Pennsylvania.....	2,375
Tennessee.....	17,713		Mountain.....	19,823	11,903	East North Central.....	24,408
West South Central.....	229,381		Montana.....	1,096	(²)	Ohio.....	1,167
Texas.....	145,750		Colorado.....	9,287	4,309	Illinois.....	22,333
Mountain.....	1,744		Pacific.....	71,907	40,425	West North Central.....	4,441
Pacific.....	221,848		Oregon.....	6,273	(²)	South.....	3,224
California.....	199,470		California.....	58,364	33,058	West.....	5,228
CONCENTRATED COFFEE (20952)			SWEETENING SIRUPS AND MOLASSES (20993)			OTHER FOOD PREPARATIONS N.E.C. (20999)	
United States, total.....	396,307		United States, total.....	136,513	90,062	United States, total.....	883,290
Northeast.....	190,193		Northeast.....	34,452	(²)	New England.....	43,098
New York.....	15,312		New York.....	8,406	(²)	Massachusetts.....	33,621
New Jersey.....	173,447		West North Central.....	61,075	30,240	Vermont.....	1,849
North Central.....	17,481		Illinois.....	39,537	(²)	Connecticut.....	6,830
South.....	138,839		South Atlantic.....	5,111	6,451	Middle Atlantic.....	178,698
West.....	49,794		East South Central.....	4,859	5,157	New York.....	83,550
DESSERTS (READY TO MIX) (20991)			West South Central.....	15,687	14,812	New Jersey.....	57,889
United States, total.....	191,624	138,763	Louisiana.....	9,764	10,079	Pennsylvania.....	37,259
Northeast.....	101,468	(²)	Mountain.....	1,028	(²)	East North Central.....	227,808
New York.....	49,524	32,212	Pacific.....	14,301	4,857	Ohio.....	60,666
East North Central.....	67,164	46,615	California.....	10,874	(²)	Indiana.....	21,905
Illinois.....	61,828	42,867	BAKING POWDER AND YEAST (20994)			Illinois.....	110,999
Wisconsin.....	1,176	(²)	United States, total.....	80,769	83,049	Michigan.....	22,270
Pacific.....	21,904	15,426	Northeast.....	24,804	28,981	Wisconsin.....	11,968
All other divisions.....	1,088	(²)	West North Central.....	39,427	40,586	West North Central.....	34,401
CHIPS, STICKS, ETC. (BAGGED OR CANNED) (20992)			South and West.....	16,538	(²)	Minnesota.....	11,426
United States, total.....	465,975	294,306	VINEGAR AND CIDER (20996)			Iowa.....	11,954
New England.....	21,658	12,758	United States, total.....		53,854	Missouri.....	5,963
Massachusetts.....	16,263	(²)	New England.....		1,441	Kansas.....	2,476
Middle Atlantic.....	77,105	52,176	Middle Atlantic.....		12,795	South Atlantic.....	147,907
Pennsylvania.....	54,466	37,601	New York.....		6,239	Maryland.....	32,407
			East North Central.....		11,786	Virginia.....	68,278
			Indiana.....		1,990	North Carolina.....	6,979
			Illinois.....		2,466	Georgia.....	27,946
			Michigan.....		6,280	Florida.....	11,269
						East South Central.....	40,528
						Kentucky.....	22,721
						Tennessee.....	9,071

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
	1963 ¹		1963 ¹		1963 ¹
OTHER FOOD PREPARATIONS N.E.C. (20999)—Continued		OTHER FOOD PREPARATIONS N.E.C. (20999)—Continued		OTHER FOOD PREPARATIONS N.E.C. (20999)—Continued	
West South Central.....	78,706	Mountain.....	6,316	Pacific.....	125,828
Louisiana.....	10,464	Idaho.....	1,308	Washington.....	5,326
Oklahoma.....	2,591	Colorado.....	1,971	Oregon.....	2,307
Texas.....	64,914	Arizona.....	1,284	California.....	116,677
		Utah.....	1,128	Hawaii.....	1,518

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

n.e.c. Not elsewhere classified.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 20951, Connecticut, Michigan, Minnesota, Nebraska, Kansas, Maryland, South Carolina, Georgia, Kentucky, Alabama, Oklahoma, Colorado, Washington, and Oregon; 20952, Pennsylvania, Illinois, Minnesota, Nebraska, Florida, Tennessee, Louisiana, Texas, and California; 20991, Massachusetts, New Jersey, Ohio, Indiana, and California; 20992, Maine, Rhode Island, New York, New Jersey, Nebraska, Kansas, Delaware, Maryland, District of Columbia, Virginia, North Carolina, Florida, Kentucky, Alabama, Arkansas, Oklahoma, Arizona, Utah, Washington, and Hawaii; 20993, Vermont, Massachusetts, New Jersey, Indiana, Missouri, Maryland, North Carolina, Georgia, Alabama, Oklahoma, Texas, and Washington; 20994, Rhode Island, New York, New Jersey, Illinois, Wisconsin, Missouri, Texas, Washington, and California; 20996, New Jersey, Pennsylvania, and Iowa; 20998, Connecticut, Minnesota, Washington, and California; and 20999, Nebraska and Alabama.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2095.—ROASTED COFFEE ¹			
	Materials, containers, and supplies, total.....		(X)	1,177,814	(¹)	(¹)
012285	Green coffee.....	Cwt.....	27,246,937	932,071	(¹)	(¹)
322101	Glass containers.....	Gross.....	3,352,627	21,417	(¹)	(¹)
970099	All other materials, ingredients, containers and supplies consumed, including materials n.s.k.....		(X)	224,326	(¹)	(¹)
			INDUSTRY 2097.—MANUFACTURED ICE ²			
			INDUSTRY 2098.—MACARONI AND SPAGHETTI			
	Materials, containers, and supplies, total.....		(X)	115,901	(X)	100,483
204115	Semolina and durum flour.....	Cwt.....	9,881,595	63,240	8,161,459	52,977
204119	Farina and other wheat flour.....	do.....	990,684	6,332	907,001	5,389
970099	All other materials, ingredients, containers and supplies consumed, including materials n.s.k.....		(X)	46,329	(X)	42,117
			INDUSTRY 2099.—FOOD PREPARATIONS, N.E.C. ¹			
	Materials, containers, and supplies, total.....		(X)	838,475	(X)	¹ 2,189
012301	Fresh vegetables.....	Tons.....	1,145,180	64,574	(³)	(³)
012011	Fresh fruits.....	do.....	(X)	3,236	(³)	(³)
011921	Peanuts, in shell.....	1,000 lbs.....	34,787	6,396	(³)	(³)
204602	Corn sirup and corn starch.....	do.....	171,997	10,774	(³)	(³)
203612	Fats and oils, all types (purchased as such).....	do.....	379,415	52,729	179,305	30,685
204101	Wheat flour.....	Cwt.....	1,735,240	9,127	1,336,688	7,777
206011	Sugar (cane and beet) in terms of sugar solids.....	do.....	5,304,863	52,399	4,548,045	40,011
012285	Green coffee.....	do.....	290,565	9,520	24,758,454	1,243,553
322101	Glass containers.....	Gross.....	5,258,714	33,879	(³)	(³)
970099	All other materials, ingredients, containers and supplies consumed.....		(X)	465,000	}	(X) 867,292
976000	Materials, n.s.k. ⁴		(X)	130,841		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹In 1958, data for 1963 industries 2095, Roasted Coffee and 2099, Food Preparations, N.E.C. were tabulated as one industry, industry 2099, Food Preparations, N.E.C. Data for 1958 for these industries is shown combined in industry 2099, Food Preparations, N.E.C.

²No material data was collected in either 1963 or 1958 for the manufactured ice industry.

³Included in codes 970099 and 976000 "all other materials."

⁴Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials were not requested and (b) total cost of materials for those establishments which failed to report cost of individual materials on "standard form."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Roasted coffee ¹ (SIC 2095)	Manufactured ice (SIC 2097)	Macaroni and spaghetti ¹ (SIC 2098)	Food preparations, n.e.c. (SIC 2099)
Total cost of purchased fuels and electric energy.....\$1,000..	(NA)	9,865	1,787	24,094
Total cost of purchased fuels.....do....	(NA)	1,315	582	13,130
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	(NA)	(S)	15	217
Cost.....\$1,000..	(NA)	(S)	145	1,745
Coke and breeze:				
Quantity.....1,000 short tons..	(NA)	-	-	-
Cost.....\$1,000..	(NA)	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42' gallons..	(NA)	48	60	762
Cost.....\$1,000..	(NA)	219	172	2,742
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	(NA)	(S)	504	15,009
Cost.....\$1,000..	(NA)	(S)	217	7,049
Other fuels.....do....	(NA)	197	(S)	1,594
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	(NA)	687	80	636
Cost.....\$1,000..	(NA)	8,550	1,205	10,964
Generated less sold.....million kw.-hrs..	(NA)	(S)	-	24
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	(NA)	374	69	374
Prime movers, total.....do....	(NA)	38	2	50
Driving generators.....do....	(NA)	5	1	20
Not driving generators.....do....	(NA)	33	1	30
Electric motors, total.....do....	(NA)	337	68	333
Driven by purchased energy.....do....	(NA)	336	68	324
Driven by energy generated at establishment.....do....	(NA)	1	-	9
Aggregate horsepower per 100 production workers.....	(NA)	5,115	1,446	714

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.
(X) Not applicable.
(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.
n.e.c. Not elsewhere classified.

¹In 1962, data for industry 2095 Roasted Coffee was included in industry 2099 Food Preparations, N.E.C.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2095	ROASTED COFFEE										
	Entire industry.....	324	17,175	111,429	10,112	20,499	55,596	616,407	1,256,589	1,868,058	23,459
	Establishments with—										
	90% or more specialization..	269	10,789	72,864	6,253	12,850	35,116	389,836	871,128	1,257,758	17,475
	75-89% specialization.....	23	1,904	12,826	1,091	2,276	6,363	76,733	151,445	227,127	3,482
20951	Roasted coffee, whole bean or ground (primary product class of estab.).....	281	14,800	96,206	8,302	16,681	44,577	496,256	1,087,543	1,581,429	15,382
	Establishments with—										
	90% or more specialization..	219	6,766	43,935	3,215	6,302	14,700	153,280	494,923	647,811	3,112
	75-89% specialization.....	28	1,644	11,012	921	1,951	5,221	48,550	112,312	159,580	2,611
2099	FOOD PREPARATIONS, N.E.C.										
	Entire industry.....	2,190	54,277	271,283	35,585	71,032	145,320	849,610	951,757	1,797,284	62,145
	Establishments with—										
	90% or more specialization..	1,962	41,262	198,897	27,537	54,931	109,555	635,143	693,360	1,323,301	32,218
	75-89% specialization.....	72	5,178	29,160	3,012	6,000	14,206	97,064	104,498	202,375	2,390
20991	Desserts (ready-to-mix) (primary product class of estab.).....	23	2,158	13,430	1,524	3,159	8,448	110,310	86,080	193,501	1,830
	Establishments with—										
	90% or more specialization..	9	165	1,198	98	180	465	6,910	4,951	11,935	122
20992	Chips (potato, corn, etc.) (primary product class of estab.).....	394	24,021	123,292	14,503	29,699	57,254	272,121	307,304	580,918	17,738
	Establishments with—										
	90% or more specialization..	326	17,112	86,135	10,608	21,444	40,625	180,945	211,534	393,067	12,941
	75-89% specialization.....	39	2,839	15,187	1,601	3,175	6,331	35,954	36,794	72,779	2,018
20993	Sweetening sirups and molasses (primary product class of estab.)	43	1,261	6,075	731	1,422	2,763	14,101	35,480	49,830	930
	Establishments with—										
	90% or more specialization..	35	752	3,610	391	787	1,538	9,692	21,713	31,308	526
20994	Baking powder and yeast (primary product class of estab.).....	28	1,789	12,409	1,131	2,712	9,170	49,783	25,891	75,509	2,451
20996	Vinegar and cider (primary product class of estab.).....	83	1,071	4,667	836	1,718	3,242	12,313	19,093	31,005	822
	Establishments with—										
	90% or more specialization..	70	788	3,234	613	1,240	2,317	8,842	13,419	22,133	591
20998	Chocolate and cocoa products, except confectionery (made from purchased chocolate or cocoa) (primary product class of estab.)	30	1,038	6,936	581	1,199	2,952	20,283	23,419	43,906	386
	Establishments with—										
	90% or more specialization..	4	332	2,067	176	365	911	7,050	5,113	12,303	120
20999	Other food preparation, n.e.c. (primary product class of estab.)	707	18,148	89,791	12,851	24,821	51,837	315,602	402,107	716,320	14,564
	Establishments with—										
	90% or more specialization..	564	10,815	49,363	7,977	15,051	28,984	182,980	222,530	404,342	9,105
	75-89% specialization.....	57	3,545	19,066	2,415	4,816	11,370	68,152	93,878	162,655	1,312

n.e.c. Not elsewhere classified.

Tobacco Manufactures

21A Tobacco products

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in Major Group 28, Chemicals and Allied Products.

TOBACCO MANUFACTURES: MAJOR GROUP 21

Value Added by Manufacture by State: 1963

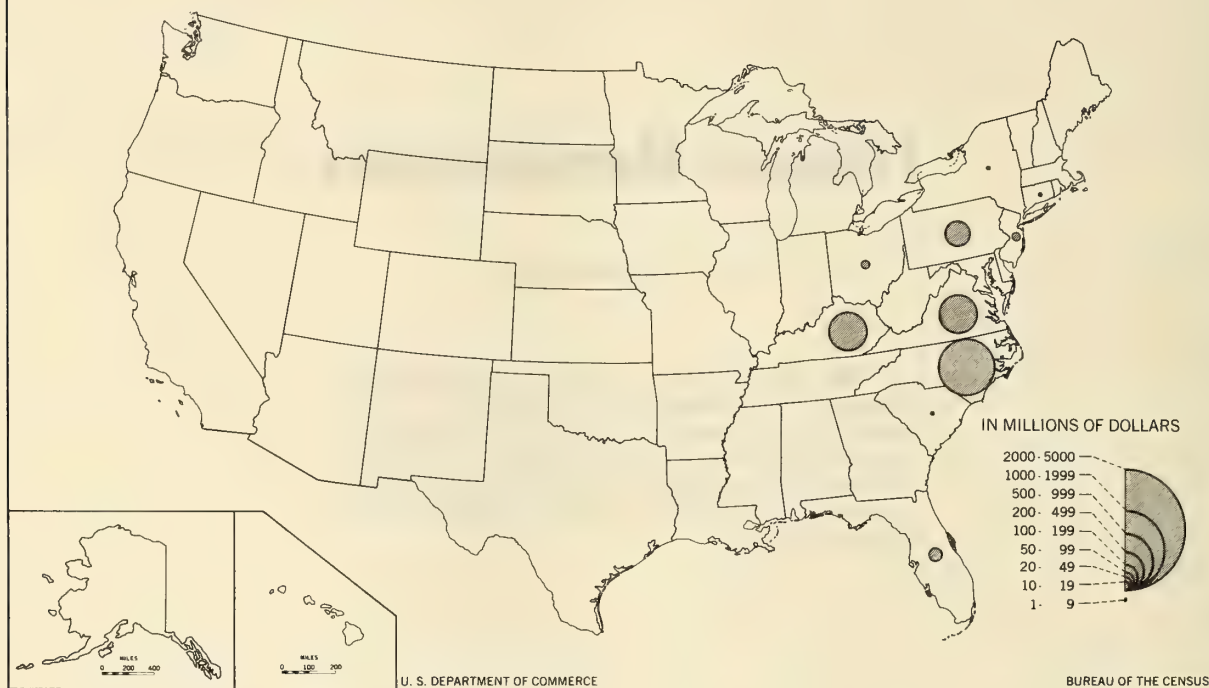


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted ²	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963	454	258	83 841	381 306	68 579	132 035	271 496	1 680 594	2 836 288	4 519 954	53 843
1958	558	301	91 988	341 714	76 306	146 992	247 842	1 413 460	(NA)	3 867 515	48 391
1954	(NA)	(NA)	100 466	291 890	87 073	162 988	219 736	1 004 054	(NA)	(NA)	28 018
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963	60	27	6 511	50 808	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958	54	21	7 521	47 064	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954	(NA)	(NA)	5 603	32 201	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	394	231	77 330	330 498	68 579	132 035	271 496	1 680 594	2 836 288	4 519 954	53 843
1958	504	280	84 467	294 650	76 306	146 992	247 842	1 413 460	3 867 515	(X)	48 391
1954	627	291	94 863	259 689	87 073	162 988	219 736	1 004 054	(X)	(X)	28 018
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962	(NA)	(NA)	75 966	328 084	67 212	133 864	265 398	1 641 981	2 894 022	4 532 996	49 203
1961	(NA)	(NA)	77 456	316 497	68 950	135 040	257 845	1 589 948	2 900 248	4 488 088	49 057
1960	(NA)	(NA)	81 247	312 526	72 805	141 666	258 337	1 545 509	(NA)	(NA)	47 084
1959	(NA)	(NA)	83 116	304 155	74 462	145 114	254 454	1 480 423	(NA)	(NA)	52 986
1957	(NA)	(NA)	88 086	284 065	80 555	150 632	240 185	1 245 968	(NA)	(NA)	42 028
1956	(NA)	(NA)	92 604	278 752	84 957	156 332	237 067	1 173 175	(NA)	(NA)	46 956
1955	(NA)	(NA)	96 240	270 929	88 266	165 704	229 896	1 082 975	(NA)	(NA)	27 092
1953	(NA)	(NA)	95 442	253 411	87 176	165 704	213 310	987 073	(NA)	(NA)	29 420
1952	(S)	(NA)	93 175	240 732	85 461	162 779	201 679	867 590	(NA)	(NA)	22 338
1951	(S)	(NA)	93 753	230 179	85 836	161 831	192 252	856 440	(NA)	(NA)	17 992
1950	(S)	(NA)	92 561	212 536	84 576	159 682	177 313	806 118	(NA)	(NA)	17 654
1949	(NA)	(NA)	100 729	207 780	92 820	173 898	174 439	778 563	(NA)	(NA)	22 341
1947	1 086	(NA)	111 782	205 838	103 289	198 323	175 318	641 356	(NA)	(NA)	35 645
1939	765	(NA)	86 035	86 772	87 525	(NA)	68 500	350 152	(NA)	(NA)	(NA)
1937	852	(NA)	97 851	82 376	92 158	(NA)	70 291	325 060	(NA)	(NA)	(NA)
1935	890	(NA)	95 589	71 329	90 543	(NA)	59 447	284 375	(NA)	(NA)	(NA)
1933	804	(NA)	90 790	59 344	87 325	(NA)	50 933	249 987	(NA)	(NA)	(NA)
1931	1 228	(NA)	(NA)	(NA)	99 769	(NA)	69 411	370 348	(NA)	(NA)	(NA)
1929	1 788	(NA)	126 303	117 625	116 119	(NA)	94 578	(?)	(NA)	(NA)	(NA)
1927	2 156	(NA)	140 902	128 571	129 229	(NA)	105 250	(?)	(NA)	(NA)	(NA)
1925	2 623	(NA)	142 672	133 931	132 132	(NA)	111 558	(?)	(NA)	(NA)	(NA)
1923	3 672	(NA)	162 076	151 165	146 337	(NA)	120 463	(?)	(NA)	(NA)	(NA)
1921	4 372	(NA)	164 669	147 548	149 985	(NA)	120 903	(?)	(NA)	(NA)	(NA)
1919	10 291	(NA)	172 776	153 299	157 097	(NA)	123 988	(?)	(NA)	(NA)	(NA)
1914	13 951	(NA)	195 694	99 980	173 872	(NA)	77 856	(?)	(NA)	(NA)	(NA)
1909	15 822	(NA)	180 003	86 134	166 810	(NA)	69 355	(?)	(NA)	(NA)	(NA)
1904	16 827	(NA)	169 641	71 439	159 406	(NA)	62 639	(?)	(NA)	(NA)	(NA)
1899	14 959	(NA)	140 362	56 568	132 526	(NA)	47 975	(?)	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See Introduction, "Value Added by Manufacture."

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative offices and auxiliary units are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these units are not available for the years 1955 to 1957, 1959 to 1962, and prior to 1949.

⁶These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁷The figures for value added by manufacture are omitted because they include Internal Revenue taxes.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
21	TOBACCO MANUFACTURES, TOTAL	394	231	77 330	330 498	68 579	132 035	271 496	1 680 594	53 843	84 467	1 413 460
	NORTHEAST	135	59	11 370	39 332	10 350	19 656	33 011	125 579	(D)	16 290	115 786
	NEW ENGLAND	16	7	317	1 353	290	545	1 089	2 742	(D)	794	5 084
	MASSACHUSETTS	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	303	1 712
	RHODE ISLAND	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	CONNECTICUT	9	6	266	1 161	245	461	928	2 186	94	(D)	(D)
	MIDDLE ATLANTIC	119	52	11 053	37 979	10 060	19 111	31 922	122 837	1 682	15 496	110 702
	NEW YORK	33	4	330	973	293	536	814	2 935	68	588	3 626
	NEW JERSEY	5	4	1 199	4 989	1 054	2 029	4 035	18 240	247	1 829	17 167
	PENNSYLVANIA	81	44	9 524	32 017	8 713	16 546	27 073	101 662	1 367	13 079	89 909
	NORTH CENTRAL	41	14	2 714	11 032	2 266	4 218	8 168	41 650	1 809	3 756	40 154
	EAST NORTH CENTRAL	37	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OHIO	12	8	1 118	4 060	947	1 802	3 153	12 975	(D)	1 495	11 318
	INDIANA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ILLINOIS	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MICHIGAN	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WISCONSIN	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	80	362
	WEST NORTH CENTRAL	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MISSOURI	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH	210	157	63 196	279 916	55 919	108 078	230 149	1 514 212	50 254	64 378	1 257 316
	SOUTH ATLANTIC	151	113	50 914	221 912	44 878	85 062	180 886	1 213 437	40 554	51 422	994 910
	MARYLAND	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	32	29	13 740	62 548	11 892	21 922	49 361	308 014	14 278	13 404	265 346
	WEST VIRGINIA	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	848	7 390
	NORTH CAROLINA	58	52	29 187	133 852	25 745	50 360	111 067	849 989	24 980	(D)	(D)
	SOUTH CAROLINA	5	4	1 442	4 328	1 320	2 124	3 458	8 787	496	1 343	8 388
	GEORGIA	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	FLORIDA	50	24	5 435	17 077	4 933	8 894	13 924	35 303	733	7 635	41 340
	EAST SOUTH CENTRAL	54	42	11 867	56 799	10 666	22 311	48 267	296 600	9 629	12 040	257 254
	KENTUCKY	34	27	10 017	50 540	8 981	19 233	43 334	273 146	9 104	10 284	235 384
	TENNESSEE	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1 153	17 704
	ALABAMA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	603	4 166
	WEST SOUTH CENTRAL	5	2	415	1 205	375	705	996	4 175	71	916	5 152
	LOUISIANA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WEST	8	(D)	50	218	44	83	168	369	1	43	204
	PACIFIC	8	(D)	50	218	44	83	168	369	1	43	204
	CALIFORNIA	8	(D)	50	218	44	83	168	369	1	43	204
211	CIGARETTES, TOTAL ¹	14	14	35 568	183 046	31 966	62 986	158 847	1 310 325	29 651	33 832	1 058 554
212	CIGARS, TOTAL ¹	193	82	20 731	68 108	18 965	35 044	57 790	192 998	4 246	29 350	183 140
213	CHEWING AND SMOKING TOBACCO, TOTAL ¹	51	25	4 058	18 207	3 101	5 670	11 603	73 975	927	6 348	86 188
214	TOBACCO STEMMING AND REDRYING, TOTAL ¹	136	110	16 973	61 137	14 547	28 335	43 256	103 296	19 019	14 937	85 578

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
¹This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3. Detailed Statistics: 1963

Item	Tobacco manufactures (SIC 21)	Cigarettes (SIC 211)	Cigars (SIC 212)	Chewing and smoking tobacco (SIC 213)	Tobacco stemming and redrying (SIC 214)
ESTABLISHMENTS, TOTAL NUMBER . .	394	14	193	51	136
WITH 1 TO 19 EMPLOYEES DO. .	163	-	111	26	26
WITH 20 TO 99 EMPLOYEES DO. .	106	-	33	11	62
WITH 100 EMPLOYEES OR MORE DO. .	125	14	49	14	48
PROPRIETORS AND WORKING PARTNERS DO. .	149	-	125	15	9
ALL EMPLOYEES (AVERAGE FOR THE YEAR) DO. .	77 330	35 568	20 731	4 058	16 973
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000. .	330 498	183 046	68 108	18 207	61 137
PRODUCTION WORKERS:					
AVERAGE FOR THE YEAR ¹ NUMBER . .	68 579	31 966	18 965	3 101	14 547
MARCH DO. .	63 902	31 982	18 871	3 100	9 949
MAY DO. .	59 505	31 459	18 654	3 045	6 347
AUGUST DO. .	74 289	32 182	18 806	3 186	20 115
NOVEMBER DO. .	76 817	32 204	19 594	3 089	21 930
MAN-HOURS 1,000. .	132 035	62 986	35 044	5 670	28 335
JANUARY-MARCH DO. .	30 898	14 960	8 730	1 376	5 832
APRIL-JUNE DO. .	29 725	16 360	8 888	1 467	3 010
JULY-SEPTEMBER DO. .	34 029	15 899	8 411	1 382	8 337
OCTOBER-DECEMBER DO. .	37 383	15 767	9 015	1 445	11 156
WAGES \$1,000. .	271 496	158 847	57 790	11 603	43 256
COST OF MATERIALS, ETC., TOTAL ¹ DO. .	2 836 288	1 343 353	165 985	65 855	1 261 095
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO. .	2 646 158	1 330 478	162 984	62 640	1 090 056
COST OF RESALES DO. .	168 116	1 359	1 272	2 474	163 011
FUELS CONSUMED DO. .	5 958	3 260	377	422	1 899
ELECTRIC ENERGY:					
PURCHASED:					
QUANTITY MILLION KW.-HRS. .	511	308	70	15	118
COST \$1,000. .	6 161	2 955	1 031	277	1 898
GENERATED LESS SOLD MILLION KW.-HRS. .	3 144	(D)	(D)	(D)	-
CONTRACT WORK \$1,000. .	9 895	5 301	321	42	4 231
VALUE OF SHIPMENTS (INCLUDING RESALES), TOTAL ¹ DO. .	4 519 954	2 655 346	358 463	139 543	1 366 602
VALUE OF RESALES DO. .	172 222	1 610	1 553	2 659	166 400
VALUE ADDED BY MANUFACTURE, ADJUSTED DO. .	1 680 594	1 310 325	192 998	73 975	103 296
MANUFACTURERS' INVENTORIES:					
BEGINNING OF YEAR, TOTAL DO. .	2 500 521	1 267 241	61 441	37 885	1 133 954
FINISHED PRODUCTS DO. .	113 317	22 575	21 862	5 792	63 088
WORK-IN-PROCESS DO. .	27 807	13 594	2 347	5 586	6 280
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	2 359 367	1 231 072	37 232	26 477	1 064 586
END OF YEAR, TOTAL DO. .	2 406 503	1 226 519	61 783	41 491	1 076 710
FINISHED PRODUCTS DO. .	107 614	22 162	19 828	5 748	59 876
WORK-IN-PROCESS DO. .	24 735	11 926	2 867	5 873	4 069
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	2 274 154	1 192 431	39 088	29 870	1 012 765
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO. .	56 695	30 111	5 681	1 026	19 877
NEW, TOTAL DO. .	53 843	29 651	4 246	927	19 019
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	12 100	3 215	1 747	225	6 913
NEW MACHINERY AND EQUIPMENT DO. .	41 743	26 436	2 499	702	12 106
USED PLANT AND EQUIPMENT DO. .	2 852	460	1 435	99	858
SELECTED OPERATING RATIOS:					
PAYROLL/TOTAL EMPLOYMENT	4 274	5 146	3 285	4 487	3 485
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.89	.90	.91	.76	.86
MAN-HOURS/PRODUCTION WORKERS	1 925	1 970	1 848	1 828	1 948
PRODUCTION WORKER WAGES/MAN-HOURS	2.06	2.52	1.65	2.05	1.53
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.70	.57	.65	.60	.97
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS . . . . .	.63	.51	.46	.47	.92
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	21 733	36 840	9 306	18 229	6 120
SALARIES AND WAGES/ADJUSTED VALUE ADDED . . . . .	.20	.14	.35	.25	.59

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

TOBACCO PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title (1957 Edition)

- 2111—Cigarettes
- 2121—Cigars
- 2131—Tobacco (Chewing and Smoking) and Snuff
- 2141—Tobacco Stemming and Redrying

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products, and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry made as secondary products by establishments classified in other industries.

All tobacco products produced by manufacturing establishments are produced at establishments classified in this major group of industries. The principal companies operating establishments in this major group produce tobacco products of more than one of the tobacco industries. However, for the most part, tobacco products are made at separate establishments of these companies which specialize in the products of a particular industry. Consequently, there is a relatively high degree of primary product specialization within each tobacco industry.

All tobacco products manufactured for sale in this country are subject to a manufacturers' excise tax, except for stemmed and/or redried leaf tobacco which, although classified as "manufactured" tobacco products in the census, are not defined as "manufactured" tobacco products for taxation purposes. In reporting to the census of manufactures, respondents were instructed to report the gross value of each product, f.o.b. plant, exclusive of excise tax. The costs reported for materials consumed also excluded any excise taxes paid on these materials. This corresponds to the reporting methods followed in the 1958 census.

In the 1963 and 1958 censuses, production rather than shipments data were secured from tobacco manufacturers, because some large manufacturers could not provide accurate information on the value of shipments from their factories. Since most of the products of industry 2141, Tobacco Stemming and Redrying, are consumed as raw materials in one of the other tobacco industries, there is duplication in the aggregate value of production for the major group.

The number of establishments shown in this report for the tobacco group falls below the corresponding number shown in the reports of the Commissioner of Internal Revenue. The difference is due to the following causes: (1) Under the licensing system of the Internal Revenue Service, the same establishment may apply for and report under more than one license—whereas for census purposes such an establishment generally would make only one report; (2) A considerable number of establishments licensed to manufacture tobacco products sold all the tobacco products produced at retail (particularly in the cigar and smoking tobacco industries) and, therefore, were not covered by the Census of Manufactures. (See Introduction.); (3) A number of manufacturers of cigarette making and tobacco processing machinery are licensed to manufacture tobacco products, which they do only on an experimental basis.

As a result of (2) above, the quantities of cigarettes, cigars, chewing and smoking tobacco and snuff, as shown in this report, vary slightly from the corresponding quantities published by the Internal Revenue Service. Although all of these products produced by manufacturing establishments are included in the Census statistics, the small amounts produced at retail or wholesale establishments are excluded. Another circumstance that causes variance from the quantities published by the Internal Revenue Service is the reporting to the Census Bureau by some establishments on a fiscal rather than a calendar year basis.

2111—CIGARETTES

This industry comprises establishments primarily engaged in the manufacture of cigarettes. For a detailed list of products primary to industry 2111, refer to table 6A, product codes 2111015 to 2111055.

The specialization and coverage ratios for industry 2111 were over 90 percent in both 1963 and 1958, indicating a very high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6). The production index for the primary products of the industry increased to 144 in 1963 from the 1958 level of 108. The unit value index for 1963 was 110 compared to 108 in 1958. Both indexes were computed on a basis of 1954 = 100.

2121—CIGARS

This industry comprises establishments primarily engaged in the manufacture of cigars. Retail stores producing cigars are classified in trade industries. For a detailed list of products primary to industry 2121, refer to table 6A, product codes 2121013 to 2121000.

The specialization and coverage ratios for industry 2121 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). The production index for the primary products of the industry increased to 111 in 1963 from the 1958 level of 108. The unit value index for 1963 was 95 compared to 98 in 1958. Both indexes were computed on a basis of 1954 = 100.

2131—TOBACCO (CHEWING AND SMOKING) AND SNUFF

This industry comprises establishments primarily engaged in the manufacture of chewing and smoking tobacco and snuff. For a detailed list of primary products of industry 2131, refer to table 6A, product codes 2131011 to 2131000.

The value of production of industry 2131, Chewing and Smoking Tobacco, was \$140 million in 1963. This included production of primary products (chewing and smoking

tobacco and snuff) valued at close to \$132 million, production of secondary products (cigarettes and stemmed and/or redried leaf tobacco) valued at \$4 million, and miscellaneous receipts of \$3 million.

Industry 2131 production of chewing and smoking tobacco and snuff (primary products) in 1963 represented 97 percent of its total production of all manufactured products (primary and secondary). In 1958, this primary product specialization ratio was 98 percent.

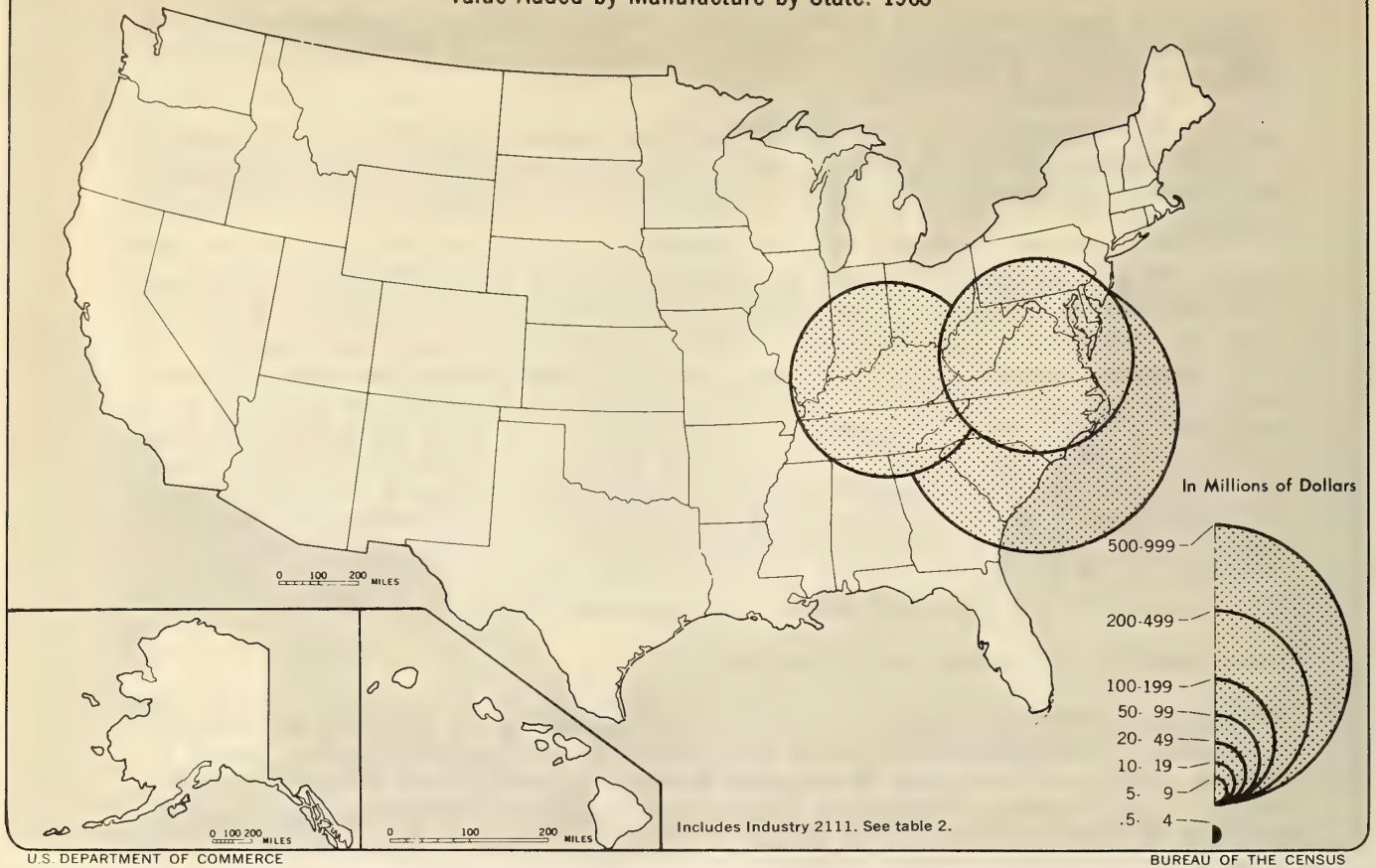
Industry 2131 production of chewing and smoking tobacco and snuff in 1963 represented 61 percent of the chewing and smoking tobacco and snuff, valued at \$218 million, produced by all manufacturing industries. In 1958 this coverage ratio was 88 percent. In 1958, separate establishment reports were received from chewing and smoking departments and cigarette departments of cigarette plants, even though these activities were conducted at one location. However, in 1963 the activities of these chewing and smoking departments have been included in the overall report of the cigarette establishments. The chief industry producing chewing and smoking tobacco and snuff in 1963 was industry 2111, Cigarettes. Small quantities were also produced by establishments classified in industry 2121, Cigars. The production index for the primary products of the industry decreased to 91 in 1963 from the 1958 level of 93. The unit value index for 1963 was 137 compared to 119 in 1958. Both indexes were computed on a basis of 1954 = 100.

2141—TOBACCO STEMMING AND REDRYING

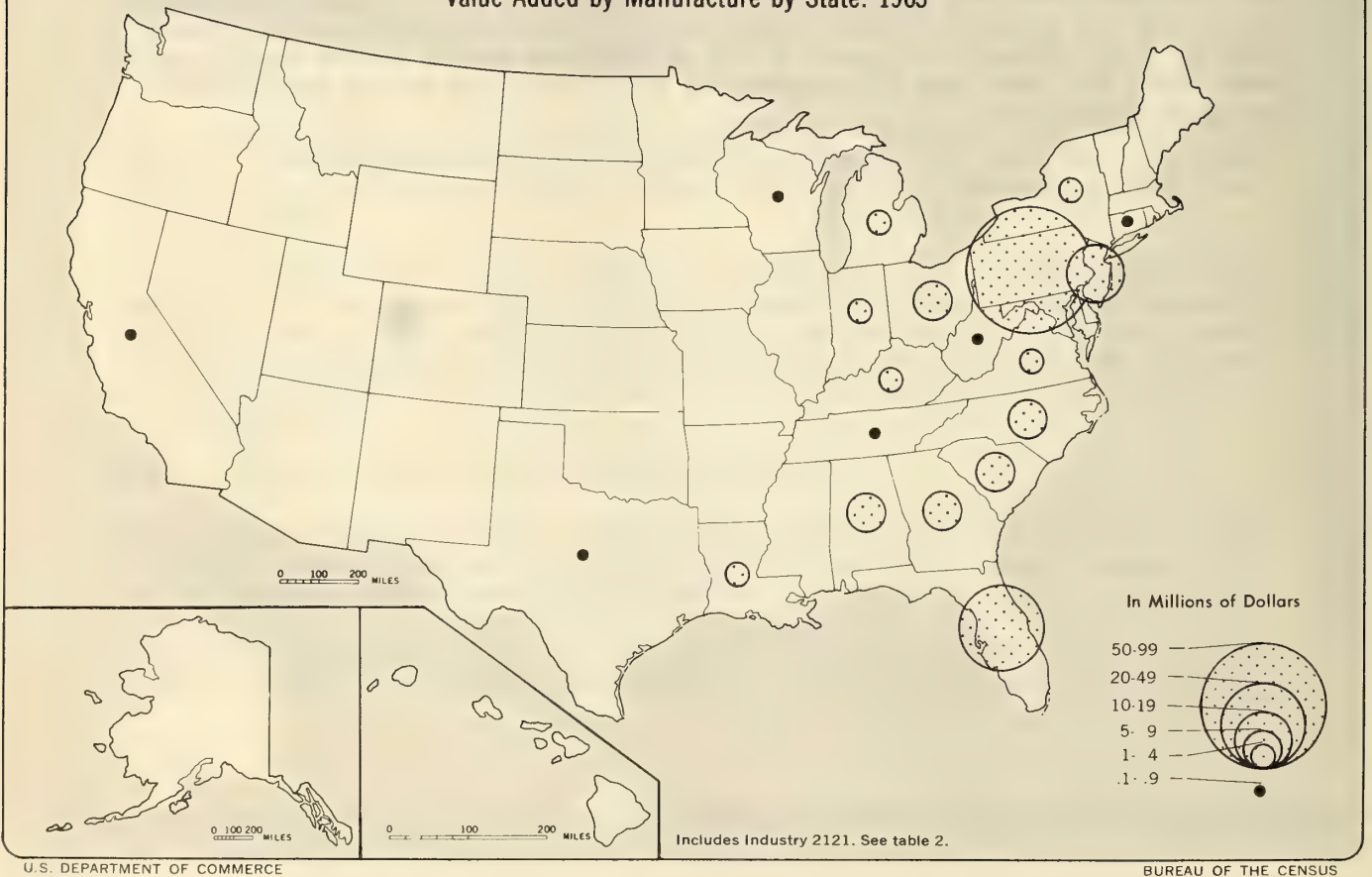
This industry comprises establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco are not included in this industry. Leaf tobacco warehouses which may be engaged in stemming tobacco are not included in this industry. For a list of products primary to industry 2141, refer to table 6A, product codes 2141111 to 2141200.

The specialization and coverage ratios for industry 2141 were over 90 percent in both 1963 and 1958, indicating a high degree of comparability between industry statistics (tables 1-4) and product statistics (table 6A). The production index for the primary products of the industry increased to 106 in 1963 from the 1958 level of 88. The unit value index for 1963 was 111 compared to 109 in 1958. Both indexes were computed on a basis of 1954 = 100.

CIGARETTES: SIC 211 **Value Added by Manufacture by State: 1963**



CIGARS: SIC 212 **Value Added by Manufacture by State: 1963**



CHEWING AND SMOKING TOBACCO: SIC 213

Value Added by Manufacture by State: 1963

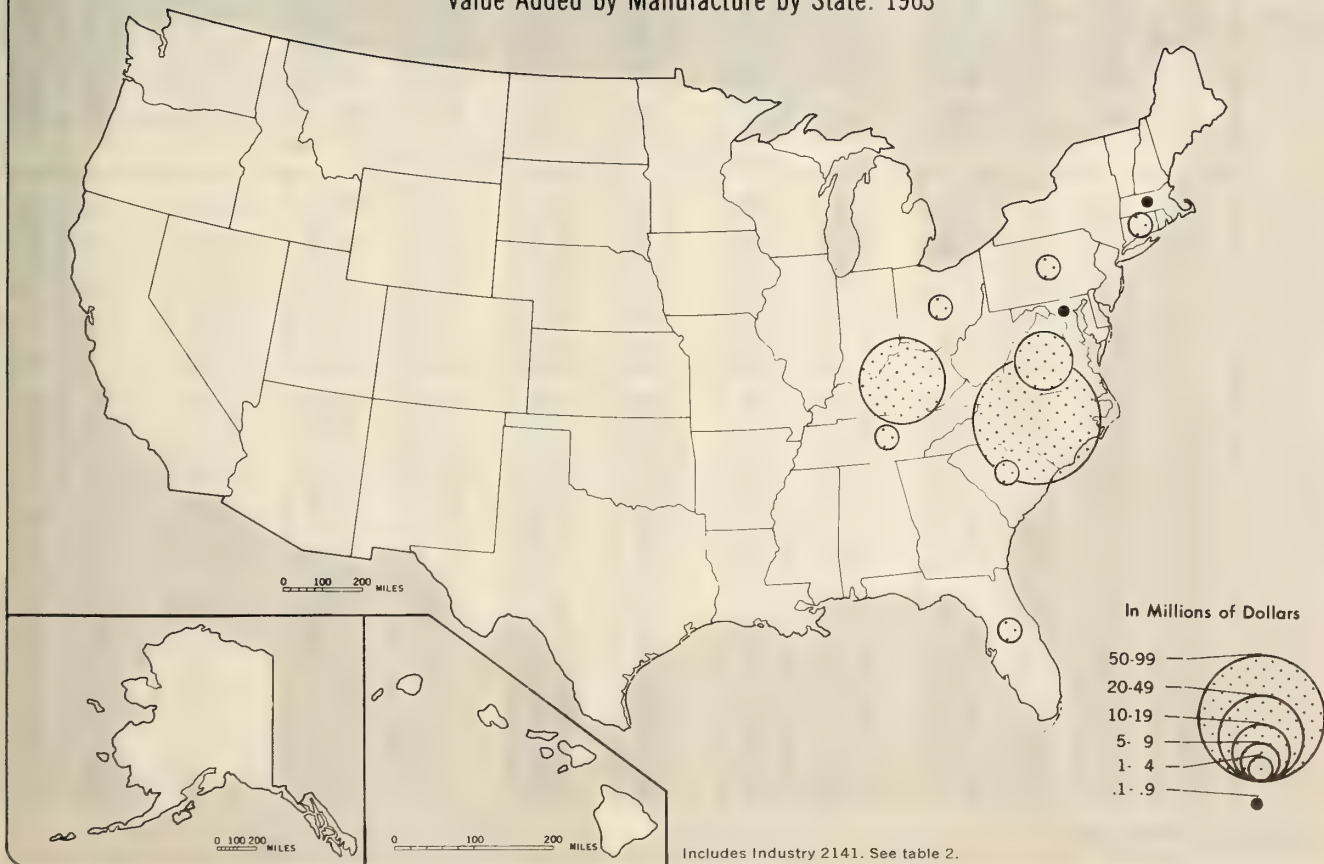


U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TOBACCO STEMMING AND REDRYING: SIC 214

Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of production	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(number)	(number)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(per- cent)	(per- cent)
INDUSTRY 2111.—CIGARETTES														
1963.....	7	14	14	35,568	183,046	31,966	62,986	158,847	1,310,325	1,343,353	2,655,346	29,651	97	100
1962 ¹	(NA)	(NA)	(NA)	r35,434	r179,214	31,747	62,635	152,614	1,248,402	1,303,129	2,548,269	34,730	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	r36,102	r171,640	32,579	63,605	147,816	1,220,896	1,275,426	2,495,831	29,705	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	r36,513	r165,607	33,169	64,158	143,333	1,156,261	1,243,909	2,398,694	32,306	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	r36,769	r159,725	33,427	65,129	139,852	1,115,364	1,200,498	2,315,963	27,776	(NA)	(NA)
1958.....	12	19	16	33,832	142,413	31,037	60,567	125,765	1,058,554	1,102,233	2,159,987	20,490	99	100
1957 ¹	(NA)	(NA)	(NA)	32,075	129,891	29,648	58,050	114,429	904,773	1,064,398	1,968,771	31,526	99	100
1956 ¹	(NA)	(NA)	(NA)	30,971	118,868	28,728	56,642	105,480	832,228	986,203	1,819,868	35,009	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	30,765	112,825	28,496	56,604	100,074	753,109	972,206	1,721,573	18,003	(NA)	(NA)
1954 ³	12	³ 19	18	29,987	103,779	27,694	53,643	91,067	676,593	964,797	1,642,190	20,362	99	100
1953 ¹	(NA)	(NA)	(NA)	30,414	98,144	27,905	53,181	85,450	661,575	1,005,247	1,666,822	16,959	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	29,342	90,921	26,689	51,685	78,329	543,596	1,003,983	1,547,579	14,210	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	27,794	82,708	25,449	49,360	71,861	541,452	940,260	1,481,712	11,322	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	27,743	75,546	25,420	48,590	65,306	493,049	860,038	1,353,087	10,616	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	28,459	72,005	26,234	49,208	62,724	466,458	831,046	1,297,504	13,585	(NA)	(NA)
1947.....	19	28	(NA)	27,674	63,204	25,553	49,196	54,986	368,417	763,474	1,131,891	16,546	96	100
1939.....	(NA)	35	(NA)	30,803	33,668	27,426	(NA)	26,068	226,679	268,815	495,494	(NA)	(NA)	(NA)
1937.....	(NA)	34	(NA)	27,655	27,885	26,149	(NA)	24,182	197,405	260,031	457,436	(NA)	(NA)	(NA)
1933.....	(NA)	27	(NA)	23,816	18,191	22,544	(NA)	13,835	134,216	147,350	281,566	(NA)	(NA)	(NA)
1929.....	(NA)	49	(NA)	(NA)	(NA)	21,142	(NA)	18,401	(⁴)	218,424	(⁴)	(NA)	(NA)	(NA)
INDUSTRY 2121.—CIGARS														
1963.....	164	193	82	20,731	68,108	18,965	35,044	57,790	192,998	165,985	358,463	4,246	100	100
1962 ¹	(NA)	(NA)	(NA)	22,161	71,352	20,174	37,257	59,092	198,758	170,041	368,923	3,627	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	23,415	73,170	21,301	39,763	60,675	186,827	172,281	359,326	3,217	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	26,319	79,270	24,204	44,827	66,587	197,210	180,936	378,191	4,093	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	28,374	81,231	26,029	48,541	68,912	199,748	179,762	381,197	6,114	(NA)	(NA)
1958.....	247	283	114	29,350	81,882	27,048	49,894	70,077	183,140	172,888	355,048	7,050	100	100
1957 ¹	(NA)	(NA)	(NA)	33,040	84,714	30,806	55,595	74,094	190,156	166,815	355,995	6,119	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	34,785	86,826	32,469	58,201	75,992	196,626	164,545	361,333	6,610	(NA)	(NA)
1954 ¹	375	410	129	38,494	89,259	36,076	65,720	78,455	168,366	176,791	342,285	2,884	99	100
1953 ¹	(NA)	(NA)	(NA)	40,614	92,576	37,868	69,450	80,208	184,299	200,025	384,324	2,016	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	40,165	88,112	37,976	68,137	76,509	163,574	181,286	344,860	1,916	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	40,694	85,101	38,314	67,755	73,403	160,747	172,890	333,637	2,365	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	40,625	78,507	38,281	66,559	67,052	146,707	164,732	311,439	2,622	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	43,924	76,118	41,404	75,069	65,818	137,318	171,668	308,986	2,389	(NA)	(NA)
1947.....	765	822	(NA)	47,068	76,344	44,512	84,008	68,402	143,145	168,256	311,401	4,449	99	100
1939.....	(NA)	598	(NA)	54,262	41,141	50,897	(NA)	34,240	81,505	67,086	148,591	(NA)	(NA)	(NA)
1937.....	(NA)	693	(NA)	58,910	43,200	55,879	(NA)	37,522	81,896	74,482	156,378	(NA)	(NA)	(NA)
1933 ⁵	(NA)	665	(NA)	56,195	32,862	54,558	(NA)	30,061	66,783	63,990	130,773	(NA)	(NA)	(NA)
1929.....	(NA)	1,587	(NA)	(NA)	(NA)	84,166	(NA)	67,222	(⁴)	138,354	(⁴)	(NA)	(NA)	(NA)
INDUSTRY 2131.—CHEWING AND SMOKING TOBACCO														
1963.....	45	51	25	4,058	18,207	3,101	5,670	11,603	73,975	65,855	139,543	927	97	61
1962 ¹	(NA)	(NA)	(NA)	4,649	22,313	3,509	6,580	12,958	76,221	71,540	147,125	792	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	4,654	22,112	3,618	6,729	13,138	76,104	68,419	144,666	1,192	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	4,398	18,518	3,371	6,432	12,367	72,082	65,526	137,155	2,149	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	4,617	18,219	3,607	6,899	12,464	72,507	61,934	134,334	1,355	(NA)	(NA)
1958.....	52	58	28	6,348	23,693	5,319	9,967	17,470	86,188	89,638	175,770	1,079	98	88
1957 ¹	(NA)	(NA)	(NA)	6,386	23,445	5,413	9,916	17,301	83,375	79,003	161,831	1,020	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	6,967	24,062	5,919	10,742	17,866	76,785	75,361	152,296	1,003	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	7,475	23,915	6,340	11,432	17,708	79,677	79,895	158,994	1,037	(NA)	(NA)
1954.....	58	65	28	7,535	23,372	6,444	11,729	17,229	79,619	83,953	164,277	1,205	96	89
1953 ¹	(NA)	(NA)	(NA)	(NA)	19,988	(NA)	(NA)	15,336	65,049	70,454	135,503	1,356	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	7,764	21,844	6,666	12,259	16,261	77,025	82,349	159,374	2,022	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	8,466	22,912	7,183	13,083	16,784	68,723	87,706	156,429	1,511	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	8,656	21,721	7,632	14,405	17,122	64,071	83,532	147,603	1,165	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	9,537	22,296	8,432	15,622	17,472	64,443	87,935	152,378	2,185	(NA)	(NA)
1947.....	65	73	(NA)	11,139	22,676	9,725	19,630	17,616	57,571	82,571	140,142	2,519	98	86
1939.....	(NA)	132	(NA)	10,970	11,963	9,202	(NA)	8,193	41,968	47,021	88,989	(NA)	(NA)	(NA)
1937.....	(NA)	125	(NA)	11,286	11,291	10,130	(NA)	8,587	45,759	51,475	97,234	(NA)	(NA)	(NA)
1935.....	(NA)	115	(NA)	11,057	10,446	10,077	(NA)	7,629	45,547	52,208	97,755	(NA)	(NA)	(NA)
1933.....	(NA)	112	(NA)	10,779	8,291	10,223	(NA)	7,037	48,988	46,913	95,901	(NA)	(NA)	(NA)
1931.....	(NA)	125	(NA)	(NA)	(NA)	11,441	(NA)	8,673	57,955	66,873	124,828	(NA)	(NA)	(NA)
1929.....	(NA)	152	(NA)	11,864	12,237	10,811	(NA)	8,955	(⁴)	72,494	(⁴)	(NA)	(NA)	(NA)
1927.....	(NA)	159	(NA)	14,439	14,182	13,125	(NA)	10,661	(⁴)	85,310	(⁴)	(NA)	(NA)	(NA)
1925.....	(NA)	178	(NA)	16,744	16,316	15,024	(NA)	12,185	(⁴)	94,419	(⁴)	(NA)	(NA)	(NA)
1923.....	(NA)	206	(NA)	19,408	19,206	16,301	(NA)	12,739	(⁴)	146,374	(⁴)	(NA)	(NA)	(NA)
1921.....	(NA)	226	(NA)	19,958	18,586	16,628	(NA)	12,742	(⁴)	156,477	(⁴)	(NA)	(NA)	(NA)
1919.....	(NA)	365	(NA)	22,143	19,593	18,324	(NA)	12,675	(⁴)	130,270	(⁴)	(NA)	(NA)	(NA)
1914.....	(NA)	436	(NA)	31,531	17,304	25,980	(NA)	9,550	(⁴)	76,604	(⁴)	(NA)	(NA)	(NA)
1909.....	(NA)	460	(NA)	(NA)	(NA)	27,232	(NA)	8,923	(⁴)	74,466	(⁴)	(NA)	(NA)	(NA)
1904.....	(NA)	433	(NA)	26,097	9,232	23,990	(NA)	6,775	(⁴)	44,954	(⁴)	(NA)	(NA)	(NA)
1899.....	(NA)	437	(NA)	32,529	10,994	29,161	(NA)	7,110	(⁴)	35,038	(⁴)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of production	Capital expend- itures, new	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2141.—TOBACCO STEMMING AND REDRYING													
1963.....	59	136	110	16,973	61,137	14,547	28,335	43,256	103,296	1,261,095	1,366,602	19,019	100	100
1962 ¹	(NA)	(NA)	(NA)	13,722	55,205	11,782	27,392	40,734	118,600	1,349,312	1,468,679	10,054	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	13,285	49,575	11,452	24,943	36,216	106,121	1,384,122	1,488,265	14,943	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	14,017	49,131	12,061	26,249	36,050	119,956	1,329,383	1,453,599	8,536	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	13,356	44,980	11,399	24,545	33,230	92,804	1,124,417	1,216,031	17,731	(NA)	(NA)
1958.....	64	144	122	14,937	46,662	12,902	26,564	34,530	85,578	1,086,580	1,176,710	19,772	100	100
1954 ¹	72	133	116	18,846	43,278	16,857	31,894	32,983	79,476	1,154,775	1,222,029	3,566	100	99
1952 ¹	(NA)	(NA)	(NA)	15,904	39,855	14,130	30,698	30,580	83,395	1,014,983	1,098,378	4,190	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	16,799	39,458	14,890	31,633	30,204	85,518	1,033,967	1,119,485	2,794	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	18,809	37,361	16,750	33,999	28,425	(NA)	(NA)	(NA)	4,182	(NA)	(NA)
1947 ¹	93	163	(NA)	25,901	43,614	23,499	45,489	34,314	72,223	885,584	957,807	12,131	100	98

Note: See appendix A for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1955-1963 figures represent the average of the number of production workers for the payroll period ending nearest the 15th of March, May, August, and November, plus all other employees for the payroll period ending nearest the 15th of March; for 1949-1953, they represent an average of all employees for the payroll period ending nearest the 15th of March, May, August, and November; for 1947 and 1954, they represent an average of 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on the 12 monthly figures for all employees; and for 1939 and prior years, the average number of production workers based on the 12 monthly figures, plus the number of nonproduction for one payroll period (usually in October). Production workers: For 1949-1953 and 1955-1963 figures are based on employment for the payroll period ending nearest the 15th of March, May, August, and November; for 1954 production workers were calculated by subtracting from the all employee total the average number of production workers for the four months March, May, August, and November; and for 1947 and prior years, they represent the average of the 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of production: Value of production for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: (NA) Not available. ²Revised.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Prior to 1959, separate establishments reports were received from chewing and smoking department and cigarette departments of cigarette plants, even though these activities were conducted at one location. However, since 1958 the activities of these chewing and smoking departments have been included in the overall report of the cigarette establishments. These reports accounted for 3 to 6 percent of the 1959 employment of the Cigarette Industry and 20 to 30 percent of the 1959 employment of the Chewing and Smoking Tobacco Industry.

³The decrease in the number of establishments from 1947 to 1954 reflects, in part, combined reports in 1954 for operations at a single location which had been reported separately in 1947, as well as the inclusion in retail and wholesale trade of certain small establishments, producing cigarettes on a custom basis, in addition to their merchandising operations. (These establishments were included in manufacturing in 1947.)

⁴The figures for value added by manufacture and value of products for 1929 and earlier years have been omitted because they contain internal revenue taxes.

⁵The coverage of industry 2121, Cigars, was incomplete in 1933.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of production	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	INDUSTRY 2111.—CIGARETTES												
Total.....	14	14	35,568	183,046	31,966	62,986	158,847	1,310,325	1,343,353	2,655,346	29,651	33,832	1,058,554
South Atlantic.....	10	10	28,251	144,867	25,249	49,300	124,644	1,064,565	1,095,181	2,161,164	21,419	26,422	840,799
Virginia.....	5	5	8,744	45,310	7,761	14,943	38,088	271,637	290,358	562,246	7,086	8,721	236,634
North Carolina...	5	5	19,507	99,557	17,488	34,357	86,556	792,928	804,823	1,598,918	14,333	17,701	604,165
East South Central.	4	4	7,317	38,179	6,717	13,686	34,203	245,760	248,172	494,182	8,232	7,192	215,293
Kentucky.....	4	4	7,317	38,179	6,717	13,686	34,203	245,760	248,172	494,182	8,232	7,192	215,293
	INDUSTRY 2121.—CIGARS												
Total.....	193	82	20,731	68,108	18,965	35,044	57,790	192,998	165,985	358,463	4,246	29,350	183,140
Middle Atlantic....	87	38	9,997	33,365	9,171	17,343	28,836	108,633	85,054	192,974	1,348	14,184	95,609
Pennsylvania.....	58	32	8,712	28,674	7,990	15,109	24,758	93,929	75,123	168,328	1,113	12,165	81,282
East North Central.	25	9	1,507	5,307	1,337	2,505	4,250	13,814	11,394	25,415	1,510	3,304	15,411
South Atlantic.....	53	24	7,124	23,175	6,499	11,711	19,273	52,834	52,733	105,572	980	9,931	54,865
Florida.....	46	20	4,973	16,174	4,496	8,156	13,120	34,262	36,673	70,938	724	6,920	39,322
All other divisions	28	11	2,103	6,261	1,958	3,485	5,431	17,717	16,804	34,502	408	2,931	17,255
	INDUSTRY 2131.—CHEWING AND SMOKING TOBACCO												
Total.....	51	25	4,058	18,207	3,101	5,670	11,603	73,975	65,855	139,543	927	6,348	86,188
Middle Atlantic....	17	4	382	2,173	268	526	1,041	9,747	7,545	17,259	103	437	6,753
East North Central.	10	3	783	3,927	599	1,101	2,638	20,503	10,261	30,632	(D)	850	16,991
South Atlantic.....	7	7	1,636	7,037	1,201	2,173	4,267	23,137	23,705	46,803	268	3,225	34,991
All other divisions	17	11	1,257	5,070	1,033	1,870	3,657	20,588	24,344	44,849	(D)	1,836	27,453
	INDUSTRY 2141.—TOBACCO STEMMING AND REDRYING												
Total.....	136	110	16,973	61,137	14,547	28,335	43,256	103,296	1,261,095	1,366,602	19,019	14,937	85,578
Middle Atlantic....	15	10	674	2,441	621	1,242	1,976	4,526	20,282	24,809	231	657	5,878
South Atlantic.....	81	72	13,903	46,833	11,929	21,878	32,702	72,901	940,540	1,015,430	17,887	11,844	64,255
Virginia.....	22	19	3,516	11,324	2,980	4,888	7,320	17,709	258,050	277,288	6,926	2,979	14,296
Florida.....	4	4	462	903	437	738	804	1,041	3,308	4,349	9	715	2,018
East South Central.	32	23	2,172	10,945	1,787	4,810	7,801	21,499	295,493	317,487	806	2,143	11,999
Kentucky.....	24	19	1,988	10,020	1,621	4,395	7,196	20,441	287,563	308,229	(D)	(²)	(²)
Tennessee.....	8	4	184	925	166	415	605	1,058	7,930	9,258	(D)	(²)	(²)
All other divisions	8	5	224	918	210	405	777	4,370	4,780	8,876	95	273	3,446

(D) Withheld to avoid disclosing figures for individual companies.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2121, Cigars: New England—Massachusetts, 4 (1-19); Rhode Island, 1 (1-19); Connecticut, 6 (100-249); Middle Atlantic—New York, 25 (250-499); New Jersey, 4 (500-999); East North Central—Ohio 6 (500-999); Indiana, 3 (444); Illinois, 6 (1-19); Michigan, 5 (191); Wisconsin, 5 (20-99); West North Central—Missouri, 2 (1-19); South Atlantic—Maryland, 1 (1-19); Virginia, 1 (500-999); West Virginia, 1 (100-249); North Carolina, 1 (1-19); South Carolina, 1 (500-999); East South Central—Kentucky, 1 (500-999); Tennessee, 2 (100-249); Alabama, 3 (2258); West South Central—Louisiana, 1 (100-249); Texas, 1 (100-249); Pacific—California, 7 (20-99).

SIC 2131, Chewing and Smoking Tobacco: New England—Massachusetts, 1 (1-19); Middle Atlantic—New York, 7 (20-99); New Jersey, 1 (100-249); Pennsylvania, 9 (100-249); East North Central—Ohio, 4 (100-249); Illinois, 1 (250-499); Michigan, 3 (100-249); Wisconsin, 2 (1-19); West North Central—Missouri, 2 (250-499); South Atlantic—Virginia, 4 (500-999); West Virginia, 1 (250-499); North Carolina, 2 (250-499); East South Central—Kentucky, 5 (100-249); Tennessee, 7 (500-999); West South Central—Texas, 1 (1-19); Pacific—California, 1 (1-19).

SIC 2141, Tobacco Stemming and Redrying: New England—Massachusetts, 1 (20-99); Connecticut, 3 (100-249); Middle Atlantic—New York, 1 (1-19); Pennsylvania, 14 (500-999); East North Central—Ohio, 2 (20-99); South Atlantic—Maryland, 1 (20-99); North Carolina, 50 (5000-9999); South Carolina, 4 (500-999); West South Central—Louisiana, 2 (1-19).

²This state or region was not shown as a separate line in table 2 of the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employees (either actual or size range) for such states.

TABLE 3. Detailed Statistics: 1963

Item	Cigarettes (SIC 2111)	Cigars (SIC 2121)	Chewing and smoking tobacco (SIC 2131)	Tobacco stemming and redrying (SIC 2141)
Primary product specialization ratio ¹.....	.97	1.00	.97	1.00
Coverage ratio ²	1.00	1.00	.61	1.00
Establishments, total.....number..	14	193	51	136
With 1 to 19 employees.....do....	-	111	26	26
With 20 to 99 employees.....do....	-	33	11	62
With 100 or more employees.....do....	14	49	14	48
Proprietors and working partners.....do....	-	125	15	9
All employees (average for the year).....do....	35,498	20,647	4,061	17,542
Payroll (all employees), total for year.....\$1,000..	183,046	68,108	18,207	61,137
Production workers:				
Average for the year ³.....number..	31,896	18,881	3,104	15,116
January.....do....	31,985	18,906	3,144	15,711
February.....do....	31,707	18,908	3,107	12,634
March.....do....	31,982	18,871	3,100	9,949
April.....do....	31,587	18,839	3,044	7,331
May.....do....	31,459	18,654	3,045	6,347
June.....do....	31,545	18,548	3,128	5,372
July.....do....	31,135	18,034	3,070	7,127
August.....do....	32,182	18,806	3,186	20,115
September.....do....	32,449	19,290	3,143	27,004
October.....do....	32,151	19,037	3,119	26,455
November.....do....	32,204	19,594	3,089	21,930
December.....do....	32,364	19,082	3,076	21,419
Man-hours.....1,000..	62,986	35,044	5,670	28,335
January-March.....do....	14,960	8,730	1,376	5,832
April-June.....do....	16,360	8,888	1,467	3,010
July-September.....do....	15,899	8,411	1,382	8,337
October-December.....do....	15,767	9,015	1,445	11,156
Wages.....\$1,000..	158,847	57,790	11,603	43,256
Cost of materials, etc., total.....do....	1,343,353	165,985	65,855	1,261,095
Materials, parts, containers, and supplies consumed.....do....	1,330,478	162,984	62,640	1,090,056
Cost of resales.....do....	1,359	1,272	2,474	163,011
Fuels consumed.....do....	3,260	377	422	1,899
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	308	70	15	118
Cost.....\$1,000..	2,955	1,031	277	1,898
Generated less sold.....million kw.-hrs..	(D)	(D)	(D)	-
Contract work.....\$1,000..	5,301	321	42	4,231
Value of production (including resales), total.....do....	2,655,346	358,463	139,543	1,366,602
Value of resales.....do....	1,610	1,553	2,659	166,400
Value added by manufacture, adjusted.....do....	1,310,325	192,998	73,975	103,296
Manufacturers' inventories:				
Beginning of year, total.....do....	1,267,241	61,441	37,885	1,133,954
Finished products.....do....	22,575	21,862	5,792	63,088
Work-in-process.....do....	13,594	2,347	5,586	6,280
Materials, supplies, fuel, etc.....do....	1,231,072	37,232	26,477	1,064,586
End of year, total.....do....	1,226,519	61,783	41,491	1,076,710
Finished products.....do....	22,162	19,828	5,748	59,876
Work-in-process.....do....	11,926	2,867	5,873	4,069
Materials, supplies, fuel, etc.....do....	1,192,431	39,088	29,870	1,012,765
Expenditures for plant and equipment, total.....do....	30,111	5,681	1,026	19,877
New total.....do....	29,651	4,246	927	19,019
New structures and additions to plant.....do....	3,215	1,747	225	6,913
New machinery and equipment.....do....	26,436	2,499	702	12,106
Used plant and equipment.....do....	460	1,435	99	858
Selected operating ratios:				
Payroll/Total employment.....	5,146	3,285	4,487	3,602
Production workers/Total employment.....	.90	.91	.76	.86
Man-hours/Production workers.....	1,970	1,848	1,828	1,948
Production worker wages/Man-hours.....	2.52	1.65	2.05	1.53
Cost of materials and payrolls/Total value of shipments.....	.57	.65	.60	.97
Cost of materials/Total value of shipments.....	.51	.46	.47	.92
Adjusted value added/Total employment.....	36,840	9,306	18,229	6,120
Salaries and wages/Adjusted value added.....	.14	.35	.25	.59

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See appendix A for an explanation of terms used.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³These figures are not identical to those appearing in tables 1, 2, 4 and 8. Production workers in this table is the average of the 12 monthly figures; total employees is the sum of this average and the number of nonproduction workers for March 15. In tables 1, 2, and 4 production workers is the average of the four months March, May, August and November, and all employees is the sum of this average and the nonproduction workers for March 15.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2111.—CIGARETTES											
Establishments.....number..	14	-	-	-	-	-	1	-	-	10	3
All employees:											
Total.....do....	35,568	-	-	-	-	-	19,361	-	-	(D)	16,207
Payroll.....\$1,000..	183,046	-	-	-	-	-	97,506	-	-	(D)	85,540
Value added, adjusted.....do....	1,310,325	-	-	-	-	-	714,203	-	-	(D)	596,122
Value of production.....do....	2,655,346	-	-	-	-	-	1,444,784	-	-	(D)	1,210,562
Capital expenditures, new...do....	29,651	-	-	-	-	-	14,813	-	-	(D)	14,838
INDUSTRY 2121.—CIGARS											
Establishments.....number..	193	82	14	15	18	15	21	18	7	3	-
All employees:											
Total.....do....	20,731	141	313	(D)	532	1,103	10,207	(D)	8,435	(D)	-
Payroll.....\$1,000..	68,108	230	780	(D)	1,374	3,259	33,820	(D)	28,645	(D)	-
Value added, adjusted.....do....	192,998	548	1,088	(D)	2,563	7,137	103,023	(D)	78,639	(D)	-
Value of production.....do....	358,463	1,026	2,358	(D)	5,017	14,127	189,012	(D)	146,923	(D)	-
Capital expenditures, new...do....	4,246	22	46	(D)	60	134	3,024	(D)	960	(D)	-
INDUSTRY 2131.—CHEWING AND SMOKING TOBACCO											
Establishments.....number..	51	11	5	10	7	4	9	5	-	-	-
All employees:											
Total.....do....	4,058	16	36	117	213	251	1,653	1,772	-	-	-
Payroll.....\$1,000..	18,207	65	131	578	817	1,352	6,642	8,622	-	-	-
Value added, adjusted.....do....	73,975	161	261	920	4,012	5,923	27,911	34,787	-	-	-
Value of production.....do....	139,543	334	733	2,325	8,846	10,975	53,993	62,337	-	-	-
Capital expenditures, new...do....	927	-	3	12	48	87	371	406	-	-	-
INDUSTRY 2141.—TOBACCO STEMMING AND REDRYING											
Establishments.....number..	136	13	5	8	28	34	23	21	4	-	-
All employees:											
Total.....do....	16,973	190	(D)	(D)	904	2,320	3,847	7,090	2,622	-	-
Payroll.....\$1,000..	61,137	1,560	(D)	(D)	3,887	8,478	13,860	24,527	8,825	-	-
Value added, adjusted.....do....	103,296	1,121	(D)	(D)	10,716	13,401	19,359	48,205	10,494	-	-
Value of production.....do....	1,366,602	30,520	(D)	(D)	51,378	113,919	298,006	778,444	94,335	-	-
Capital expenditures, new...do....	19,019	6,866	(D)	(D)	(D)	(D)	1,074	10,606	473	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Production; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the production values of products representing the largest amount considered as primary to an industry. Frequently the establishment production comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are produced by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of production					Value of primary product production			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2111	Cigarettes.....1963..	2,655,346	(D)	(D)	1,734	97	2,568,222	(D)	(D)	100
	.....1958..	2,159,987	(D)	(D)	913	99	2,137,032	(D)	(D)	100
2121	Cigars.....1963..	358,463	(D)	(D)	2,480	100	353,244	(D)	(D)	100
	.....1958..	355,048	349,860	777	4,411	100	351,412	349,860	1,552	100
2131	Chewing and smoking tobacco.....1963..	139,543	132,294	4,311	2,938	97	217,918	132,294	85,624	61
	.....1958..	175,770	169,951	2,690	3,129	98	192,772	169,951	22,821	88
2141	Tobacco stemming and redrying.....1963..	1,366,602	(D)	(D)	242,397	100	1,129,754	(D)	(D)	100
	.....1958..	1,176,710	976,003	-	200,707	100	976,217	976,003	215	100

Note: See appendix A for an explanation of terms used.

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

TABLE 5B. Industry-Product Analysis—Production by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of production of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of production of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of production of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Product class code	Class of product and miscellaneous receipts	Value of production					
		All industries	Cigarettes (SIC 2111)	Cigars (SIC 2121)	Chewing and smoking tobacco (SIC 2131)	Tobacco stemming and redrying (SIC 2141)	Other industries
	Industry value of products.....	(X)	2,655,346	358,463	139,543	1,366,602	(X)
	Tobacco products:						
21110	Cigarettes.....	2,568,222	(D)	-	(D)	-	-
21210	Cigars.....	353,244	(D)	(D)	(D)	(D)	(D)
21310	Chewing and smoking tobacco and snuff.....	217,918	(D)	(D)	132,294	-	-
21411	Tobacco, redried.....	165,416	-	(D)	-	(D)	-
21412	Tobacco, stemmed.....	964,338	(D)	(D)	(D)	958,706	-
	Other products not primary to group 21.....	(X)	-	-	(D)	(D)	(X)
	Miscellaneous receipts.....	(X)	1,734	2,480	2,938	242,397	(X)
99000	Commission stemming, redrying, etc.....	(X)	-	-	(D)	42,478	(X)
99120	Packing leaf tobacco.....	(X)	-	-	-	25,776	(X)
99980	Scrap and refuse.....	(X)	124	927	(D)	7,743	(X)
99989	Resales.....	(X)	1,610	1,553	2,659	166,400	(X)

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(X) Not applicable.

TABLE 6A. Products and Product Classes—Quantity and Value of Products Made by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total production including interplant transfers			
			1963		1958	
			Quantity	Value excluding excise tax (\$1,000)	Quantity	Value excluding excise tax (\$1,000)
2111- --	CIGARETTES, TOTAL.....	Millions.....	550,793	2,568,222	470,536	2,137,032
	Filter tips:					
21110 15	70 millimeters long.....	..do.....	1,962	9,168	6,850	32,675
21110 17	80 millimeters long.....	..do.....	47,161	223,132	54,546	259,801
21110 19	85 or more millimeters long.....	..do.....	270,093	1,283,686	151,641	724,846
	Nonfilter tips:					
21110 51	70 millimeters long.....	..do.....	128,674	568,372	169,010	710,496
21110 53	80 millimeters long.....	..do.....	(¹)	(¹)	10,000	45,994
21110 55	85 or more millimeters long.....	..do.....	¹ 102,903	1483,864	78,489	363,220
2121- --	CIGARS, TOTAL.....	..do.....	6,661	353,244	6,442	351,412
21210 13	Weighing less than 3 pounds per 1,000 cigars, finished weight....	..do.....	186	2,613	167	2,593
21210 21	Weighing 3 to 10 pounds per 1,000 cigars, finished weight.....	..do.....	955	31,069	890	26,264
21210 31	Weighing more than 10 pounds per 1,000 cigars, finished weight....	..do.....	5,452	315,862	5,372	321,830
21210 00	Cigars, not specified by kind.....	..do.....	² 68	3,700	² 13	725
2131- --	CHEWING AND SMOKING TOBACCO, TOTAL.....	1,000 lbs.....	194,007	217,918	(X)	192,772
21310 11	Smoking.....	..do.....	78,200	98,006	85,061	86,584
21310 12	Fine-cut chewing and smoking.....	..do.....	5,468	6,811	3,878	4,548
21310 13	Scrap chewing.....	..do.....	34,053	29,382	32,684	25,276
21310 15	Twist chewing.....	..do.....	2,725	4,410	3,746	5,241
21310 17	Plug chewing.....	..do.....	24,907	26,420	30,198	23,162
21310 51	Snuff.....	..do.....	37,158	44,647	34,679	43,224
21310 55	Snuff flour, not packed for sale to consumer.....	..do.....	11,496	8,242	(X)	4,737
21310 00	Chewing and smoking tobacco, not specified by kind.....	..do.....				
2141- --	TOBACCO STEMMED AND REDRIED, TOTAL.....	..do.....	³ 1,279,498	³ 1,129,754	³ 1,171,527	³ 976,217
21411 --	Redried unstemmed leaf tobacco (packed weight).....	..do.....	249,546	165,416	339,639	223,013
21411 11	Packed for sale as such.....	..do.....	170,460	105,360	191,987	128,489
21411 51	Packed for use in another manufacturing plant of the reporting company.....	..do.....	79,086	60,056	147,652	94,525
21412 --	Tobacco stemmed (stemmed packed weight).....	..do.....	1,029,952	964,338	831,888	753,204
	Stemmed tobacco packaged for sale as such.....	..do.....	103,661	72,270	62,210	40,479
21412 11	Aged leaf.....	..do.....	34,408	18,839	9,284	5,419
21412 15	Leaf, not aged.....	..do.....	69,253	53,431	52,926	35,060
	Stemmed tobacco for use in another manufacturing plant of the reporting company.....	..do.....	⁴ 924,091	889,892	⁴ 747,269	701,202
21412 21	Aged leaf.....	..do.....	280,321	273,737	322,986	285,271
21412 25	Leaf, not aged.....	..do.....	643,770	616,155	424,283	415,931
21412 00	Stemmed tobacco products, not specified by kind.....	..do.....	² 2,200	2,176	² 22,409	11,523
	Contract work done on tobacco owned by others ⁵.....	..do.....	720,207	42,478	565,313	34,742
93000 11	Redrying and packing leaf (packed weight).....	..do.....	434,842	24,817	378,331	23,433
	Stemming leaf (stemmed packed weight):					
93000 12	Aged leaf.....	..do.....	(⁶)	(⁶)	33,643	2,059
93000 13	Leaf, not aged.....	..do.....	⁶ 189,193	⁶ 14,541	96,103	6,863
93000 14	Other work on tobacco owned by others.....	..do.....	96,172	3,120	57,236	2,387

(X) Not applicable.

¹For 1963, data for product code 2111053 was combined with product code 2011055 to avoid disclosing data for individual companies.

²Quantity estimated based on quantity-value relationship reported for other products.

³The total for tobacco stemmed and redried excludes the quantity produced on commission and the receipts for work done on tobacco owned by others, although these data are shown separately.

⁴Excludes stemmed tobacco produced and consumed in the same establishment.

⁵For these products, contract receipts are reported instead of value of the packed tobacco.

⁶For 1963, data for product code 9300012 was combined with product code 9300013 to avoid disclosing data for individual companies.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products, Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
21	Tobacco products.....1963..	123	110
	.....1958..	108	108
2111	Cigarettes.....1963..	144	110
	.....1958..	121	108
2121	Cigars.....1963..	111	95
	.....1958..	108	98
2131	Chewing and smoking tobacco.....1963..	91	137
	.....1958..	93	119
2141	Tobacco stemmed and redried.....1963..	106	111
	.....1958..	88	109
21411	Redried unstemmed leaf tobacco.....1963..	41	116
	.....1958..	56	113
21412	Tobacco stemmed.....1963..	130	108
	.....1958..	106	106

TABLE 6C. Product Classes—Quantity and Value Produced by All Manufacturing Establishments: 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958
21110	Cigarettes:						
	Quantity.....millions..	550,793	(X)	(X)	(X)	(X)	470,536
	Value.....\$1,000..	2,568,222	2,460,513	2,410,378	2,314,399	2,230,106	2,137,032
21210	Cigars:						
	Quantity.....millions..	6,661	(X)	(X)	(X)	(X)	6,442
	Value.....\$1,000..	353,244	370,351	362,501	373,991	379,389	351,412
21310	Chewing and smoking tobacco:						
	Quantity.....1,000 lbs..	194,007	(X)	(X)	(X)	(X)	(X)
	Value.....\$1,000..	217,918	231,931	227,415	216,630	212,021	192,772
2141-	Tobacco stemming and redrying:						
	Quantity.....1,000 lbs..	1,279,498	(X)	(X)	(X)	(X)	1,171,527
	Value.....\$1,000..	1,129,754	1,206,067	1,222,492	1,192,754	1,037,859	976,217
21411	Redried unstemmed tobacco:						
	Quantity.....1,000 lbs..	249,546	(X)	(X)	(X)	(X)	339,639
	Value.....\$1,000..	165,416	195,711	190,189	185,048	204,248	223,013
21412	Tobacco stemmed:						
	Quantity.....1,000 lbs..	1,029,952	(X)	(X)	(X)	(X)	831,888
	Value.....\$1,000..	964,338	1,010,356	1,032,303	1,007,706	833,611	753,204

(X) Not applicable.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963		1958		1963		1958	
		Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(\$1,000)
		INDUSTRY 2111.—CIGARETTES				INDUSTRY 2121.—CIGARS			
	Materials, containers, and supplies, total.....	(X)	1,330,478	(X)	1,097,214	(X)	162,984	(X)	167,655
011931	Unstemmed leaf tobacco, including green tobacco not packed.....	-	-	167,263	141,714	6,246 8,633	10,600 20,029	29,373	51,002
214111	Unstemmed leaf tobacco, redried and packed..	130,805	100,356						
214121	Stemmed leaf tobacco.....	985,474	928,212	837,554	734,994	71,175 51,323	65,642 35,246	95,165	84,861
214129	Other tobacco materials.....	84,435	13,783						
282121	Cellophane (tubes, sheets, rolls).....	(X)	25,666	(X)	r21,122	(X)	5,776	(X)	4,377
260012	Paper and paperboard products, including shipping containers, set-up and folding cartons.....	(X)	83,158	(X)	r61,749	(X)	17,922	(X)	17,786
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	179,303	(X)	137,635	(X)	7,769	(X)	9,629
		INDUSTRY 2131.—CHEWING AND SMOKING TOBACCO				INDUSTRY 2141.—TOBACCO STEMMING AND REDRYING			
	Materials, containers, and supplies, total.....	(X)	62,640	(X)	86,894	(X)	1,090,056	(X)	944,533
011931	Unstemmed leaf tobacco, including green tobacco not packed.....	6,272	2,054	48,767	19,257	926,167 324,525	578,079 179,762	1,263,723	782,017
214111	Unstemmed leaf tobacco, redried and packed..	25,528	10,577						
214121	Stemmed leaf tobacco.....	40,039	22,155	89,701	41,210	324,244 11,394	311,622 5,049	146,690	139,670
214129	Other tobacco materials.....	22,571	9,583						
282121	Cellophane (tubes, sheets, rolls).....	(X)	908	(X)	r853	(X)		(X)	
260012	Paper and paperboard products, including shipping containers, set-up and folding cartons.....	(X)	5,942	(X)	r5,125	(X)	527	(X)	120
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	11,421	(X)	20,449	(X)	15,017	(X)	22,726

(X) Not applicable.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Cigarettes (SIC 2111)	Cigars (SIC 2121)	Chewing and smoking tobacco (SIC 2131)	Tobacco stemming and redrying (SIC 2141)
Total cost of purchased fuels and electric energy.....\$1,000..	4,662	1,399	906	3,401
Total cost of purchased fuels.....do....	2,522	409	497	1,722
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	195	7	23	73
Cost.....\$1,000..	1,578	70	182	634
Coke and breeze:				
Quantity.....1,000 short tons..	-	-	-	-
Cost.....\$1,000..	-	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	153	65	16	140
Cost.....\$1,000..	509	213	55	460
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	884	138	232	418
Cost.....\$1,000..	435	74	97	255
Other fuels.....do....	-	52	163	373
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	200	67	22	110
Cost.....\$1,000..	2,140	990	409	1,679
Generated less sold.....million kw.-hrs..	202	-	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	141	23	24	107
Prime movers, total.....do....	68	(Z)	4	9
Driving generators.....do....	63	(Z)	4	1
Not driving generators.....do....	5	(Z)	(Z)	8
Electric motors, total.....do....	136	22	23	98
Driven by purchased energy.....do....	73	22	20	98
Driven by energy generated at establishment.....do....	64	-	3	-
Aggregate horsepower per 100 production workers.....	444	114	684	901

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

- Represents zero.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: the standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

(Z) Less than 500 horsepower.

Textile Mill Products

- 22A. Weaving mills
- 22B. Knitting mills
- 22C. Dyeing and finishing textiles,
except wool fabrics and knit goods
- 22D. Floor covering mills
- 22E. Yarn and thread mills
- 22F. Miscellaneous textile goods

This major group includes establishments engaged in performing any of the following operations regardless of the type of fiber used: (1) Manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven fabric, carpets and rugs, braids, laces, knit fabric, knit garments, and other products from yarn; (3) dyeing and finishing fibers, yarn, and fabrics; and (4) coating, waterproofing, and otherwise treating fabric. Establishments weaving or knitting fabrics and also manufacturing finished apparel or other fabricated textile products in the same establishment are included in this major group; those manufacturing apparel and other fabricated textile products from fabrics knit or woven elsewhere are classified in Major Group 23, Apparel and Related Products. Knitwear converters buying raw materials, arranging for the knitting and finishing, and selling the final product are included as manufacturers in Group 225, Knitting Mills; however, other textile converters, jobbers, or dealers are classified in trade industries. The rubberizing of fabrics is classified in Major Group 30, Rubber and Plastics Products, N.E.C.

TEXTILE MILL PRODUCTS: MAJOR GROUP 22

Value Added by Manufacture by State: 1963

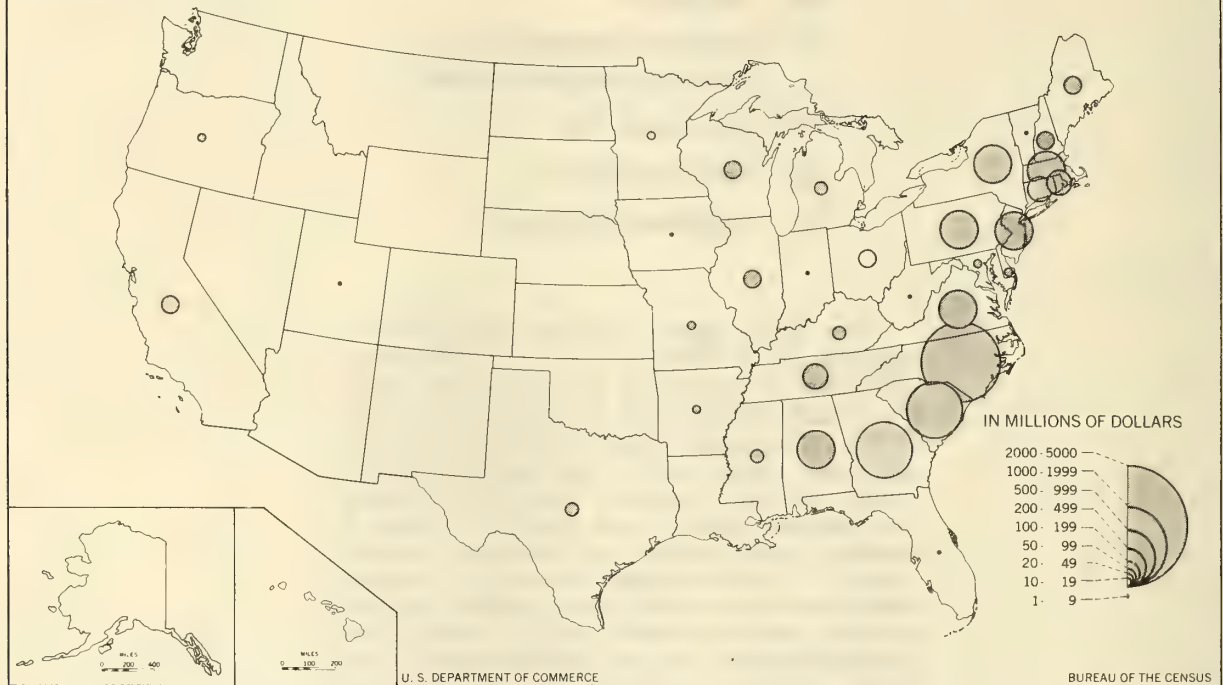


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted ²	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
ALL MANUFACTURING ESTABLISH- MENTS, TOTAL:											
1963 ⁵	7 327	4 509	883 170	3 537 958	775 330	1 568 126	2 768 414	6 122 982	9 658 696	15 740 545	382 414
1958	7 860	4 713	918 612	3 043 136	811 995	1 570 555	2 412 431	4 869 543	(NA)	12 415 807	218 481
1954	(NA)	(NA)	1 049 900	3 110 751	947 502	1 821 075	2 526 564	4 709 250	(NA)	(NA)	225 914
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963 ⁵	223	141	19 924	152 927	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958 ⁵	179	92	15 367	100 229	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954 ⁵	(NA)	(NA)	12 460	78 261	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963 ⁵	7 104	4 368	863 246	3 385 031	775 330	1 568 126	2 768 414	6 122 982	9 658 696	15 740 545	382 414
1958 ⁵	7 680	4 621	903 245	2 942 907	811 995	1 570 555	2 412 431	4 869 543	(NA)	12 415 807	214 481
1954	8 070	4 862	1 037 440	3 032 490	947 502	1 821 075	2 526 564	4 709 250	(NA)	(NA)	225 914
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁶ ⁷	(NA)	(NA)	880 252	3 358 369	786 642	1 590 007	2 723 427	6 054 604	9 270 049	15 180 626	376 444
1961 ⁶ ⁷	(NA)	(NA)	875 561	3 182 713	782 442	1 551 945	2 575 380	5 609 255	8 418 831	14 018 086	321 593
1960 ⁶ ⁷	(NA)	(NA)	900 525	3 213 728	809 211	1 602 276	2 625 690	5 590 899	(NA)	(NA)	326 060
1959 ⁶ ⁷	(NA)	(NA)	930 185	3 251 726	835 127	1 689 413	2 681 363	5 632 138	(NA)	(NA)	299 649
1957 ⁷	(NA)	(NA)	988 951	3 183 279	893 348	1 736 328	2 631 527	5 196 690	(NA)	(NA)	289 055
1956 ⁷	(NA)	(NA)	1 043 752	3 298 067	949 408	1 874 126	2 749 933	5 455 794	(NA)	(NA)	296 523
1955 ⁷	(NA)	(NA)	1 058 807	3 240 654	966 420	1 920 952	2 708 228	5 312 182	(NA)	(NA)	262 304
1953 ⁷ ⁸	(NA)	(NA)	1 158 471	3 455 295	1 060 398	2 085 500	2 910 348	5 411 769	(NA)	(NA)	255 549
1952 ⁷	7 584	(NA)	1 134 680	3 342 647	1 036 729	2 039 158	2 823 416	5 256 507	(NA)	(NA)	322 668
1951 ⁷	7 758	(NA)	1 195 354	3 438 029	1 097 352	2 154 573	2 924 661	5 420 781	(NA)	(NA)	405 459
1950 ⁷	8 434	(NA)	1 245 152	3 363 486	1 142 433	2 300 652	2 861 104	5 642 106	(NA)	(NA)	420 183
1949 ⁷	(NA)	(NA)	1 169 812	2 973 327	1 065 473	2 070 909	2 509 922	4 740 938	(NA)	(NA)	418 545
1947	8 157	(NA)	1 232 293	2 832 706	1 146 293	2 306 636	2 447 857	5 322 899	(NA)	(NA)	367 510
1939 ⁹	6 388	(NA)	(NA)	(NA)	1 081 710	(NA)	906 927	1 817 996	(NA)	(NA)	(NA)
1937 ⁹	6 096	(NA)	(NA)	(NA)	1 138 219	(NA)	974 256	1 786 311	(NA)	(NA)	(NA)
1935	6 433	(NA)	1 129 651	986 100	1 069 569	(NA)	846 742	1 461 150	(NA)	(NA)	(NA)
1933	5 957	(NA)	(NA)	(NA)	971 557	(NA)	664 456	1 341 976	(NA)	(NA)	(NA)
1931	6 490	(NA)	(NA)	(NA)	904 159	(NA)	762 239	1 525 144	(NA)	(NA)	(NA)
1929	7 415	(NA)	1 189 644	1 292 650	1 120 200	(NA)	1 082 260	2 320 874	(NA)	(NA)	(NA)
1927	7 633	(NA)	1 207 750	1 314 012	1 143 017	(NA)	1 128 270	2 272 507	(NA)	(NA)	(NA)
1925	7 892	(NA)	1 200 782	1 272 442	1 134 667	(NA)	1 093 269	2 211 636	(NA)	(NA)	(NA)
1923	8 249	(NA)	1 262 849	1 344 904	1 190 295	(NA)	1 151 510	2 413 226	(NA)	(NA)	(NA)
1921	7 695	(NA)	1 072 116	1 070 686	1 012 384	(NA)	916 387	1 823 643	(NA)	(NA)	(NA)
1919	7 869	(NA)	1 139 341	1 108 425	1 076 104	(NA)	932 462	2 299 921	(NA)	(NA)	(NA)
1914	6 756	(NA)	1 013 494	476 467	975 583	(NA)	416 919	781 373	(NA)	(NA)	(NA)
1909	6 490	(NA)	(NA)	(NA)	932 247	(NA)	361 971	752 347	(NA)	(NA)	(NA)
1904	5 798	(NA)	813 327	307 017	785 993	(NA)	270 756	514 977	(NA)	(NA)	(NA)
1899	5 930	(NA)	716 028	249 791	697 505	(NA)	224 361	441 305	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For industries reporting the value of production, the adjustment for the change in finished products inventories was not made. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See Introduction, "Value Added by Manufacture."

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) includes extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵In addition to data for operating establishments, 1954, 1958, and 1963 data are shown for manufacturers' central administrative offices and auxiliary units. Similar data are

shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these units are not available for the years 1955 to 1957, and 1959 to 1962, and prior to 1949.

⁶The 1958 to 1963 data are not completely comparable to data shown for prior years. In 1958 to 1963 establishments primarily producing hats, except cloth and millinery were included in Major Group 23, while establishments primarily producing hard-surface floor covering, except asbestos, plastic or rubber, were included in Major Group 39. In 1957 and prior years they were included in Major Group 22. The 1957 employment in these industries was 12,428 for the hats except millinery industries and 8,736 for the hard-surface floor covering industry. In addition, establishments primarily engaged in shrinking and sponging of cloth are classified in Major Group 22 for 1958 but were included in Major Group 23 for 1957 and prior years. Such establishments had 1,723 employees in 1958.

⁷These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁸Data for 1953 and prior years include establishments classified under the 1945 SIC in industry 2274, Hard Surface Floor Covering. Such establishments are excluded from the data for 1954 and subsequent years. In 1953 this industry had 10,374 employees and \$102,337 thousand value added by manufacture.

⁹The figures for 1939 and 1937 include data for establishments that cut and stitch products from knit cloth made in separate mills of integrated companies. For other years, data for these establishments are included in the figures for the apparel and related products industries.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
22	TEXTILE MILL PRODUCTS, TOTAL	7 104	4 368	863 246	3 385 031	775 330	1 568 126	2 768 414	6 122 982	382 414	903 245	4 869 543
	NORTHEAST	4 005	2 186	248 321	1 096 228	215 723	432 137	845 337	1 909 620	77 737	293 805	1 769 805
	NEW ENGLAND	1 066	686	101 137	433 512	88 587	180 563	341 805	738 365	31 541	124 037	704 240
	MAINE	62	48	12 295	47 700	11 123	23 224	40 528	82 371	3 529	13 575	65 697
	NEW HAMPSHIRE	89	69	10 709	42 549	9 526	19 197	34 628	76 156	2 127	13 131	69 614
	VERMONT	18	11	882	2 910	811	1 355	2 532	3 625	33	891	5 188
	MASSACHUSETTS	428	270	41 286	184 108	35 592	72 711	140 118	312 513	13 830	52 983	323 814
	RHODE ISLAND	328	195	22 863	95 004	20 134	40 243	76 093	155 023	6 794	27 980	147 394
	CONNECTICUT	141	93	13 102	61 241	11 401	23 833	47 906	108 677	5 228	15 477	92 533
	MIDDLE ATLANTIC	2 939	1 500	147 184	662 716	127 136	251 574	503 532	1 171 255	46 196	169 768	1 065 565
	NEW YORK	1 542	663	53 628	253 463	44 850	88 597	184 317	455 021	16 074	60 105	410 471
	NEW JERSEY	576	290	26 013	138 782	22 374	46 347	107 261	236 662	11 297	33 302	229 589
	PENNSYLVANIA	821	547	67 543	270 471	59 912	116 630	211 954	479 572	18 825	76 361	425 505
	NORTH CENTRAL	335	182	31 005	147 859	25 615	51 141	106 052	280 022	12 913	33 540	234 228
	EAST NORTH CENTRAL	271	152	25 562	125 290	21 156	42 518	89 473	240 462	11 616	(D)	(D)
	OHIO	78	43	8 484	44 995	7 119	14 519	32 787	82 904	5 705	9 310	67 382
	INDIANA	13	6	968	3 772	846	1 648	3 162	8 155	70	(D)	(D)
	ILLINOIS	78	43	6 728	32 051	5 357	10 787	22 168	54 192	3 348	8 126	60 082
	MICHIGAN	36	18	2 865	16 363	2 403	4 972	11 756	35 209	1 368	2 132	16 076
	WISCONSIN	66	42	6 517	28 109	5 431	10 592	19 600	60 002	1 125	7 159	49 283
	WEST NORTH CENTRAL	64	30	5 443	22 569	4 459	8 623	16 579	39 560	1 297	(D)	(D)
	MINNESOTA	24	14	2 537	10 667	1 920	3 828	6 980	19 314	573	2 777	15 103
	IOWA	6	2	198	644	188	343	559	1 104	(D)	248	982
	MISSOURI	31	13	2 675	11 130	2 319	4 388	8 925	18 810	704	(D)	(D)
	NEBRASKA	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH	2 454	1 870	573 489	2 091 472	525 632	1 067 911	1 783 033	3 825 668	288 077	567 047	2 803 530
	SOUTH ATLANTIC	2 037	1 560	487 902	1 792 559	446 733	911 192	1 529 416	3 290 498	250 752	477 634	2 373 379
	DELAWARE	15	9	2 197	10 820	1 597	3 431	6 628	18 607	500	2 317	11 136
	MARYLAND	32	20	2 370	8 916	2 132	4 127	7 349	17 577	590	3 325	18 929
	VIRGINIA	102	91	35 961	133 167	32 562	65 933	111 733	260 606	16 285	34 935	208 310
	WEST VIRGINIA	6	4	1 512	4 886	1 288	2 484	3 942	5 374	237	1 953	9 410
	NORTH CAROLINA	1 180	861	220 929	790 049	203 494	409 415	675 228	1 425 377	108 103	211 124	1 012 404
	SOUTH CAROLINA	305	272	130 371	506 501	118 904	250 903	436 066	937 695	87 612	128 156	665 147
	GEORGIA	367	290	93 482	334 601	85 793	173 167	285 545	618 226	37 016	94 933	442 812
	FLORIDA	30	13	1 080	3 619	963	1 732	2 925	7 036	409	911	5 231
	EAST SOUTH CENTRAL	326	264	76 202	266 502	70 196	138 893	225 462	476 061	30 127	78 266	375 569
	KENTUCKY	20	15	4 731	14 926	4 439	8 256	12 791	32 654	840	3 933	21 296
	TENNESSEE	146	118	29 924	106 579	27 212	53 742	87 169	183 432	10 477	29 801	156 092
	ALABAMA	129	111	35 474	125 230	32 960	65 928	108 649	219 338	17 398	39 511	178 155
	MISSISSIPPI	31	20	6 073	19 767	5 585	10 967	16 853	40 637	1 412	5 021	20 026
	WEST SOUTH CENTRAL	91	46	9 385	32 411	8 703	17 826	28 155	59 109	7 198	11 147	54 582
	ARKANSAS	18	14	2 248	8 332	2 032	4 163	6 948	16 850	2 175	2 081	10 985
	LOUISIANA	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	OKLAHOMA	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	TEXAS	62	26	6 603	22 109	6 233	12 799	19 747	37 495	4 966	7 275	33 587
	WEST	309	130	10 330	49 260	8 274	16 776	33 765	108 518	4 765	8 574	59 964
	MOUNTAIN	21	4	518	2 001	439	952	1 467	3 838	100	306	1 465
	COLORADO	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEW MEXICO	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	8	2	344	1 110	298	647	918	1 911	19	241	966
	PACIFIC	288	126	9 812	47 259	7 835	15 824	32 298	104 680	4 665	8 268	58 499
	WASHINGTON	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	639	4 210
	OREGON	22	16	2 277	10 145	1 673	3 442	6 048	18 697	1 415	2 228	8 127
	CALIFORNIA	244	104	6 805	33 904	5 524	11 161	23 728	79 774	3 111	5 401	46 162
	HAWAII	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
221	WEAVING MILLS, COTTON, TOTAL ¹	407	350	208 993	771 573	195 530	403 379	688 374	1 256 753	113 366	243 419	1 078 592
222	WEAVING MILLS, SYNTHETICS, TOTAL ¹ . .	355	300	88 157	366 045	79 750	171 378	306 464	661 535	35 798	81 688	468 583
223	WEAVING, FINISHING MILLS, WOOL, TOTAL ¹	361	249	47 429	202 892	41 627	85 034	160 188	386 622	15 539	55 952	336 618
224	NARROW FABRIC MILLS, TOTAL ¹	384	215	23 154	91 869	20 647	40 614	72 956	172 493	6 907	24 587	142 638

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
225	KNITTING MILLS, TOTAL	2 848	1 664	220 486	787 498	198 032	373 341	628 819	1 396 022	63 168	214 549	1 111 264
	NORTHEAST	1 710	912	82 940	339 298	72 219	138 351	257 807	615 135	23 523	85 107	501 527
	NEW HAMPSHIRE	20	15	2 358	7 543	1 920	3 608	5 950	15 411	363	2 892	12 801
	MASSACHUSETTS	49	31	5 714	24 861	4 812	9 219	16 491	48 317	2 007	5 695	37 398
	RHODE ISLAND	15	10	1 460	6 057	1 290	2 533	4 689	11 556	1 270	898	7 538
	NEW YORK	995	463	32 421	143 884	27 789	54 154	107 849	273 729	8 469	32 243	220 060
	NEW JERSEY	200	105	7 192	30 995	6 504	12 712	25 401	52 936	3 131	7 056	39 072
	PENNSYLVANIA	395	264	32 316	120 213	28 571	53 569	92 904	203 996	7 847	34 303	172 120
	NORTH CENTRAL	91	65	12 071	47 007	10 364	20 045	34 516	81 556	2 452	12 955	70 717
	EAST NORTH CENTRAL	74	56	9 891	38 428	8 674	16 699	28 753	70 961	1 811	10 645	70 717
	OHIO	20	16	3 048	12 172	2 809	5 409	9 787	19 571	1 164	3 232	19 176
	ILLINOIS	15	11	1 412	5 073	1 276	2 349	3 931	7 815	176	1 455	8 086
	WISCONSIN	32	24	4 425	17 656	3 653	7 009	11 999	38 456	430	4 933	34 216
	WEST NORTH CENTRAL	17	9	2 180	8 579	1 690	3 346	5 763	10 595	641	2 310	6 644
	MINNESOTA	11	7	1 807	7 327	1 332	2 667	4 593	8 535	473	1 924	5 034
	SOUTH	947	644	121 634	385 100	112 469	208 959	325 871	665 744	36 340	113 553	520 428
	SOUTH ATLANTIC	790	521	90 033	283 997	83 227	154 063	241 568	495 482	28 029	84 048	380 436
	DELAWARE	10	5	380	1 447	329	628	1 055	2 562	78	(D)	(D)
	VIRGINIA	39	34	8 053	24 930	7 439	13 952	21 216	42 500	2 827	7 272	34 191
	NORTH CAROLINA	641	412	68 203	215 517	63 263	116 891	184 151	385 621	22 979	62 186	282 363
	SOUTH CAROLINA	31	21	3 245	11 445	2 900	5 748	9 177	19 810	909	2 646	9 648
	GEORGIA	49	36	7 867	23 627	7 306	13 223	20 240	36 326	754	8 904	39 487
	FLORIDA	12	6	625	2 349	569	1 094	1 960	4 365	260	538	2 853
	EAST SOUTH CENTRAL	147	115	30 747	98 388	28 440	53 442	81 895	165 798	7 490	28 259	134 300
	KENTUCKY	9	7	3 837	11 700	3 640	6 733	10 317	27 704	403	3 043	16 750
	TENNESSEE	86	72	18 161	58 831	16 667	31 254	48 417	95 688	4 465	17 306	81 120
	ALABAMA	33	22	5 122	17 082	4 785	9 122	14 103	26 503	1 735	5 035	25 593
	MISSISSIPPI	19	14	3 627	10 775	3 348	6 333	9 058	15 903	887	2 875	10 837
	WEST SOUTH CENTRAL	10	8	854	2 715	802	1 454	2 408	4 464	821	1 246	5 692
	ARKANSAS	5	5	416	1 348	406	791	1 282	1 981	483	(D)	(D)
	WEST	100	43	3 841	16 093	2 980	5 986	10 625	32 704	842	3 020	11 948
	CALIFORNIA	83	34	1 791	7 125	1 542	2 912	5 622	16 168	526	(D)	(D)
226	TEXTILE FINISHING, EXCEPT WOOL, TOTAL	621	363	70 819	336 906	59 687	127 094	258 194	582 268	47 815	73 205	455 945
	NORTHEAST	445	247	28 748	156 177	24 365	52 334	120 981	242 057	13 304	36 059	237 983
	NEW ENGLAND	105	80	12 920	65 473	10 688	22 565	48 757	96 012	6 050	15 913	93 982
	NEW HAMPSHIRE	5	4	613	2 975	517	1 111	2 105	4 226	36	1 142	6 160
	MASSACHUSETTS	49	36	6 152	31 040	4 927	10 242	22 010	45 754	2 468	6 640	44 779
	RHODE ISLAND	35	27	4 372	21 651	3 728	7 739	17 038	30 720	2 049	5 945	29 611
	CONNECTICUT	16	13	1 783	9 807	1 516	3 473	7 604	15 312	1 497	2 186	13 432
	MIDDLE ATLANTIC	340	167	15 828	90 704	13 677	29 769	72 224	146 045	7 254	20 146	144 001
	NEW YORK	157	55	4 222	22 629	3 647	7 579	17 750	37 821	2 046	5 259	40 460
	NEW JERSEY	132	84	9 028	55 314	7 837	17 409	44 699	85 755	4 284	11 699	82 548
	PENNSYLVANIA	51	28	2 578	12 761	2 193	4 781	9 775	22 469	924	3 188	20 993
	NORTH CENTRAL	24	10	1 183	6 007	1 030	2 169	4 010	10 969	825	1 050	7 276
	EAST NORTH CENTRAL	19	8	1 093	5 633	951	2 007	3 706	10 213	801	891	6 418
	OHIO	6	2	332	1 822	290	617	1 064	3 056	43	292	1 801
	WEST NORTH CENTRAL	5	2	90	374	79	162	304	756	24	159	858
	SOUTH	130	100	40 334	171 866	33 844	71 691	131 228	323 729	33 450	35 585	206 651
	VIRGINIA	6	6	2 198	9 783	1 825	4 192	7 458	17 647	4 305	1 586	8 631
	NORTH CAROLINA	57	42	10 435	43 575	8 570	17 855	31 078	81 068	7 172	8 149	41 778
	SOUTH CAROLINA	24	23	19 787	84 012	16 725	35 168	66 659	163 320	16 100	18 447	113 290
	GEORGIA	13	10	2 357	9 380	2 785	4 644	8 298	15 707	3 488	2 241	10 857
	TENNESSEE	8	7	2 085	8 638	1 758	3 668	6 435	15 998	1 338	1 777	12 509
	WEST	21	5	424	2 380	340	684	1 601	4 570	236	511	4 035

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
227	FLOOR COVERING MILLS, TOTAL	349	187	35 656	152 366	30 346	63 870	115 169	394 942	16 125	33 668	260 466
	NORTHEAST	96	49	9 911	47 919	8 300	17 033	35 689	86 568	3 743	15 151	93 619
	MASSACHUSETTS	18	11	1 519	7 160	1 270	2 603	5 224	13 018	306	1 505	10 557
	PENNSYLVANIA	35	18	4 850	23 691	4 222	8 616	18 524	52 801	2 211	5 945	47 999
	NORTH CENTRAL	15	7	1 408	6 428	1 007	1 886	3 727	6 937	277	1 819	11 137
	WISCONSIN	3	3	434	2 077	348	680	1 314	3 601	(D)	371	(D)
	SOUTH	181	107	22 540	89 321	19 611	42 126	69 863	277 050	11 181	15 642	147 430
	SOUTH CAROLINA	13	8	2 520	10 329	2 141	4 592	7 996	38 436	1 593	1 442	20 331
	GEORGIA	116	77	12 475	48 128	10 904	23 345	37 062	160 730	5 939	7 993	71 941
	TENNESSEE	14	9	907	3 773	783	1 660	2 605	10 063	541	837	6 826
	WEST	57	24	1 797	8 698	1 428	2 825	5 890	24 387	953	1 056	8 280
228	YARN AND THREAD MILLS, TOTAL	712	551	102 647	359 121	94 812	191 439	306 001	652 365	51 504	107 204	515 888
	NORTHEAST	310	194	22 747	87 680	20 357	40 324	70 125	156 390	6 369	27 490	153 267
	NEW ENGLAND	134	98	12 836	50 909	11 618	23 354	42 159	87 798	2 821	14 979	80 956
	MAINE	10	8	962	3 167	911	1 771	2 870	6 887	325	941	4 763
	NEW HAMPSHIRE	12	9	795	2 714	740	1 448	2 500	4 716	150	(D)	(D)
	MASSACHUSETTS	48	36	3 490	14 105	3 106	6 357	11 580	19 735	665	3 782	22 474
	RHODE ISLAND	43	30	3 995	15 400	3 606	6 886	12 536	23 078	840	6 241	31 385
	CONNECTICUT	18	15	3 565	15 428	3 229	6 841	12 590	33 285	836	3 448	19 891
	MIDDLE ATLANTIC	176	96	9 911	36 771	8 739	16 970	27 966	68 592	3 548	12 511	72 311
	NEW YORK	73	25	2 438	10 118	1 855	3 788	6 174	20 439	465	2 610	16 832
	NEW JERSEY	27	8	526	2 439	469	947	1 742	4 884	105	1 570	10 034
	PENNSYLVANIA	76	63	6 947	24 214	6 415	12 235	20 050	43 269	2 978	8 331	45 445
	NORTH CENTRAL	18	8	1 077	4 557	944	1 957	3 277	7 635	(D)	1 272	7 062
	OHIO	6	3	346	1 468	308	645	1 125	2 389	(D)	(D)	(D)
	SOUTH	378	345	78 513	265 855	73 226	148 580	231 743	486 101	44 559	77 821	352 155
	VIRGINIA	5	5	1 116	3 513	1 068	2 164	3 243	4 052	270	1 098	5 306
	NORTH CAROLINA	231	212	47 992	162 397	44 926	92 174	141 623	312 216	28 379	47 586	220 365
	SOUTH CAROLINA	32	28	6 508	22 272	6 020	12 243	19 475	39 782	2 620	4 676	23 649
	GEORGIA	58	54	13 760	45 779	12 567	24 467	38 764	70 234	5 115	14 183	53 084
	ALABAMA	30	30	5 776	19 853	5 478	10 977	17 880	33 951	5 819	6 531	30 454
	WEST	6	4	310	1 029	285	578	856	2 194	108	305	1 560
229	MISCELLANEOUS TEXTILE GOODS, TOTAL	1 067	489	65 905	316 761	54 899	111 977	232 249	619 982	32 192	68 924	499 377
	NORTHEAST	629	272	30 961	155 218	25 437	51 916	110 235	286 596	13 445	34 104	241 598
	NEW ENGLAND	287	128	14 976	70 784	12 673	26 128	53 188	133 295	7 366	16 189	112 638
	MASSACHUSETTS	134	63	8 238	41 239	6 931	14 454	30 380	80 438	4 848	9 670	74 488
	RHODE ISLAND	95	33	3 340	14 046	2 876	5 599	11 043	22 688	1 034	4 484	23 716
	CONNECTICUT	38	20	2 081	9 987	1 718	3 651	7 570	19 920	635	1 348	10 221
	MIDDLE ATLANTIC	342	144	15 985	84 434	12 764	25 788	57 047	153 301	6 079	17 915	128 960
	NEW YORK	177	70	7 010	36 666	5 669	11 465	25 238	61 715	2 824	7 545	52 385
	NEW JERSEY	94	37	4 611	26 645	3 618	7 403	17 634	48 569	2 133	5 365	44 527
	PENNSYLVANIA	71	37	4 364	21 123	3 477	6 920	14 175	43 017	1 122	5 005	32 048
	NORTH CENTRAL	141	67	12 137	70 647	9 567	19 648	50 495	148 742	8 308	11 999	107 329
	EAST NORTH CENTRAL	115	58	10 088	61 424	7 852	16 425	43 400	127 997	7 893	10 457	94 481
	OHIO	30	14	3 848	25 500	2 959	6 336	18 147	50 768	4 047	4 254	37 847
	INDIANA	9	3	344	1 702	271	537	1 348	3 725	20	442	3 546
	ILLINOIS	34	19	2 862	15 854	2 106	4 431	10 576	30 141	2 414	3 434	33 032
	MICHIGAN	23	13	2 013	12 828	1 639	3 372	9 104	30 188	1 116	1 510	11 853
	WISCONSIN	19	9	1 021	5 540	877	1 749	4 225	13 175	296	817	8 203
	WEST NORTH CENTRAL	26	9	2 049	9 223	1 715	3 223	7 095	20 745	415	1 542	12 848
	MINNESOTA	8	4	515	2 440	416	820	1 801	9 036	72	534	7 684
	MISSOURI	15	5	1 519	6 713	1 286	2 376	5 244	11 493	338	(D)	(D)
	SOUTH	206	113	20 127	75 606	17 806	35 993	61 431	151 104	9 187	20 598	125 281
	SOUTH ATLANTIC	126	78	14 661	54 927	13 092	26 569	44 996	114 329	7 682	15 342	87 249
	VIRGINIA	8	5	613	2 394	529	1 034	1 830	6 285	102	(D)	(D)
	SOUTH CAROLINA	19	16	3 413	12 229	2 989	6 172	9 911	29 410	1 910	2 833	18 590
	GEORGIA	28	20	5 521	20 249	5 105	9 958	17 607	36 704	1 308	6 896	36 291
	EAST SOUTH CENTRAL	35	22	3 941	14 780	3 482	6 907	12 159	22 169	772	3 730	25 016
	ALABAMA	13	10	2 052	7 563	1 767	3 456	6 122	8 352	178	1 723	11 488
	WEST SOUTH CENTRAL	45	13	1 525	5 899	1 232	2 517	4 276	14 606	733	1 526	13 016
	TEXAS	31	7	907	2 960	747	1 486	2 194	5 151	332	907	4 976
	WEST	92	38	2 716	15 578	2 117	4 487	10 255	34 864	1 431	2 223	25 169
	MOUNTAIN	9	1	70	427	56	119	278	1 179	50	(D)	(D)
	PACIFIC	83	37	2 646	15 151	2 061	4 368	9 977	33 685	1 381	(D)	(D)
	WASHINGTON	12	1	108	443	86	165	316	1 007	60	(D)	(D)
	OREGON	5	3	146	618	123	246	414	667	19	(D)	(D)
	CALIFORNIA	66	33	2 392	14 090	1 852	3 957	9 247	32 011	1 302	2 043	23 557

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
 *This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3 Detailed Statistics: 1963

Item	Textile mill products (SIC 22)	Weaving mills, cotton (SIC 221)	Weaving mills, synthetics (SIC 222)	Weaving, finishing mills, (SIC 223)	Narrow fabric mills (SIC 224)	Knitting mills (SIC 225)	Textile finishing except wool (SIC 226)	Floor covering mills (SIC 227)	Yarn and thread mills (SIC 228)	Miscellaneous textile goods (SIC 229)
ESTABLISHMENTS, TOTAL NUMBER . .	7 104	407	355	361	384	2 848	621	349	712	1 067
WITH 1 TO 19 EMPLOYEES. DO. .	2 736	57	55	112	169	1 184	258	162	161	578
WITH 20 TO 99 EMPLOYEES DO. .	2 402	43	114	113	148	1 127	207	104	220	326
WITH 100 EMPLOYEES OR MORE. DO. .	1 966	307	186	136	67	537	156	83	331	163
PROPRIETORS AND WORKING PARTNERS. . DO. .	2 865	40	55	78	100	1 892	126	141	120	313
ALL EMPLOYEES (AVERAGE FOR THE YEAR). DO. .	863 246	208 993	88 157	47 429	23 154	220 486	70 819	35 656	102 647	65 905
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000. .	3 385 031	771 573	366 045	202 892	91 869	787 498	336 906	152 366	359 121	316 761
PRODUCTION WORKERS:										
AVERAGE FOR THE YEAR. NUMBER . .	775 330	195 530	79 750	41 627	20 647	198 032	59 687	30 346	94 812	54 899
MARCH DO. .	764 548	194 766	79 934	43 002	20 724	190 001	58 724	29 502	93 856	54 039
MAY DO. .	775 082	194 458	79 197	43 158	20 815	199 405	59 676	29 782	93 756	54 843
AUGUST. DO. .	783 552	196 698	79 299	41 875	20 294	203 885	60 128	30 460	95 785	55 128
NOVEMBER. DO. .	778 141	196 206	80 570	38 473	20 756	198 833	60 225	31 640	95 857	55 581
MAN-HOURS 1,000. .	1 568 126	403 379	171 378	85 034	40 614	373 341	127 094	63 870	191 439	111 977
JANUARY-MARCH DO. .	383 861	100 122	42 347	21 758	10 300	86 548	32 121	15 862	46 972	27 831
APRIL-JUNE. DO. .	399 341	102 418	43 437	22 478	10 409	95 643	32 090	15 941	48 505	28 420
JULY-SEPTEMBER. DO. .	384 890	96 416	41 573	21 165	9 592	96 362	30 503	15 219	46 934	27 126
OCTOBER-DECEMBER. DO. .	400 034	104 423	44 021	19 633	10 313	94 788	32 380	16 848	49 028	28 600
WAGES \$1,000. .	2 768 414	688 374	306 464	160 188	72 956	628 819	258 194	115 169	306 001	232 249
COST OF MATERIALS, ETC., TOTAL ¹ . . DO. .	9 658 696	1 823 772	1 072 259	629 471	176 776	1 948 046	822 127	759 079	1 359 946	1 067 220
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED. DO. .	8 798 206	1 686 519	987 130	580 364	154 171	1 636 411	754 773	712 580	1 287 063	999 195
COST OF REALES DO. .	248 810	24 758	11 002	10 215	16 160	92 573	15 172	13 266	26 299	39 365
FUELS CONSUMED. DO. .	88 721	12 950	6 366	7 977	1 534	12 911	27 859	5 590	4 992	8 542
ELECTRIC ENERGY:										
PURCHASED:										
QUANTITY. MILLION KW.-HRS. .	14 632	5 809	1 959	697	151	1 087	954	324	2 547	1 104
COST. \$1,000. .	136 610	44 631	16 395	7 792	2 550	14 616	10 627	3 853	22 882	13 264
GENERATED LESS SOLD MILLION KW.-HRS. .	7 330	342	30	44	(D)	2 806	(D)	1 113	910	1 559
CONTRACT WORK \$1,000. .	386 349	54 914	51 366	23 123	2 361	191 535	13 696	23 790	18 710	6 854
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO. .	15 740 545	3 104 053	1 722 356	1 010 692	349 071	3 326 076	1 400 367	1 143 862	2 002 552	1 681 516
VALUE OF REALES. DO. .	300 600	27 696	11 631	10 621	20 436	120 357	17 701	15 216	29 596	47 346
VALUE ADDED BY MANUFACTURE, ADJUSTED DO. .	6 122 982	1 256 753	661 535	386 622	172 493	1 396 022	582 268	394 942	652 365	619 982
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL. DO. .	2 530 410	677 316	292 874	179 667	54 863	478 904	153 148	193 129	253 511	247 002
FINISHED PRODUCTS DO. .	975 140	285 497	106 231	44 392	18 606	212 214	70 129	80 334	67 003	90 734
WORK-IN-PROCESS DO. .	681 538	151 075	94 840	78 994	17 144	133 381	33 804	52 070	74 533	45 697
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	873 736	240 744	91 803	56 281	19 113	133 309	49 215	60 725	111 975	110 571
END OF YEAR, TOTAL. DO. .	2 567 434	625 846	303 248	187 457	55 753	505 674	158 551	204 991	277 962	247 952
FINISHED PRODUCTS DO. .	978 141	259 045	105 227	49 676	18 659	223 623	69 477	88 296	70 556	93 582
WORK-IN-PROCESS DO. .	719 040	153 999	107 282	79 111	17 289	139 968	37 950	54 267	80 739	48 435
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	870 254	212 802	90 739	58 670	19 805	142 083	51 125	62 428	126 667	105 935
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL. DO. .	428 759	130 198	40 016	18 538	7 351	70 383	49 631	18 160	58 903	35 579
NEW, TOTAL. DO. .	382 414	113 366	35 798	15 539	6 907	63 168	47 815	16 125	51 504	32 192
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	67 894	22 230	4 315	2 947	1 571	10 794	8 063	3 388	8 122	6 464
NEW MACHINERY AND EQUIPMENT . . DO. .	314 520	91 136	31 483	12 592	5 336	52 374	39 752	12 737	43 382	25 728
USED PLANT AND EQUIPMENT. DO. .	46 345	16 832	4 218	2 999	444	7 215	1 816	2 035	7 399	3 387
SELECTED OPERATING RATIOS:										
PAYROLL/TOTAL EMPLOYMENT.	3 921	3 692	4 152	4 278	3 968	3 572	4 757	4 273	3 499	4 806
PRODUCTION WORKERS/TOTAL EMPLOYMENT . .	.90	.94	.90	.88	.89	.90	.84	.85	.92	.83
MAN-HOURS/PRODUCTION WORKERS.	2 023	2 063	2 149	2 043	1 967	1 885	2 129	2 105	2 019	2 040
PRODUCTION WORKER WAGES/MAN-HOURS . .	1.77	1.71	1.79	1.88	1.80	1.68	2.03	1.80	1.60	2.07
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.83	.84	.84	.82	.77	.82	.83	.80	.86	.82
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS . . . . .	.61	.59	.62	.62	.51	.59	.59	.66	.68	.63
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT .	7 093	6 024	7 504	8 295	7 450	6 332	8 222	11 076	6 355	9 407
SALARIES AND WAGES/ADJUSTED VALUE ADDED	.55	.61	.55	.52	.53	.56	.58	.39	.55	.51

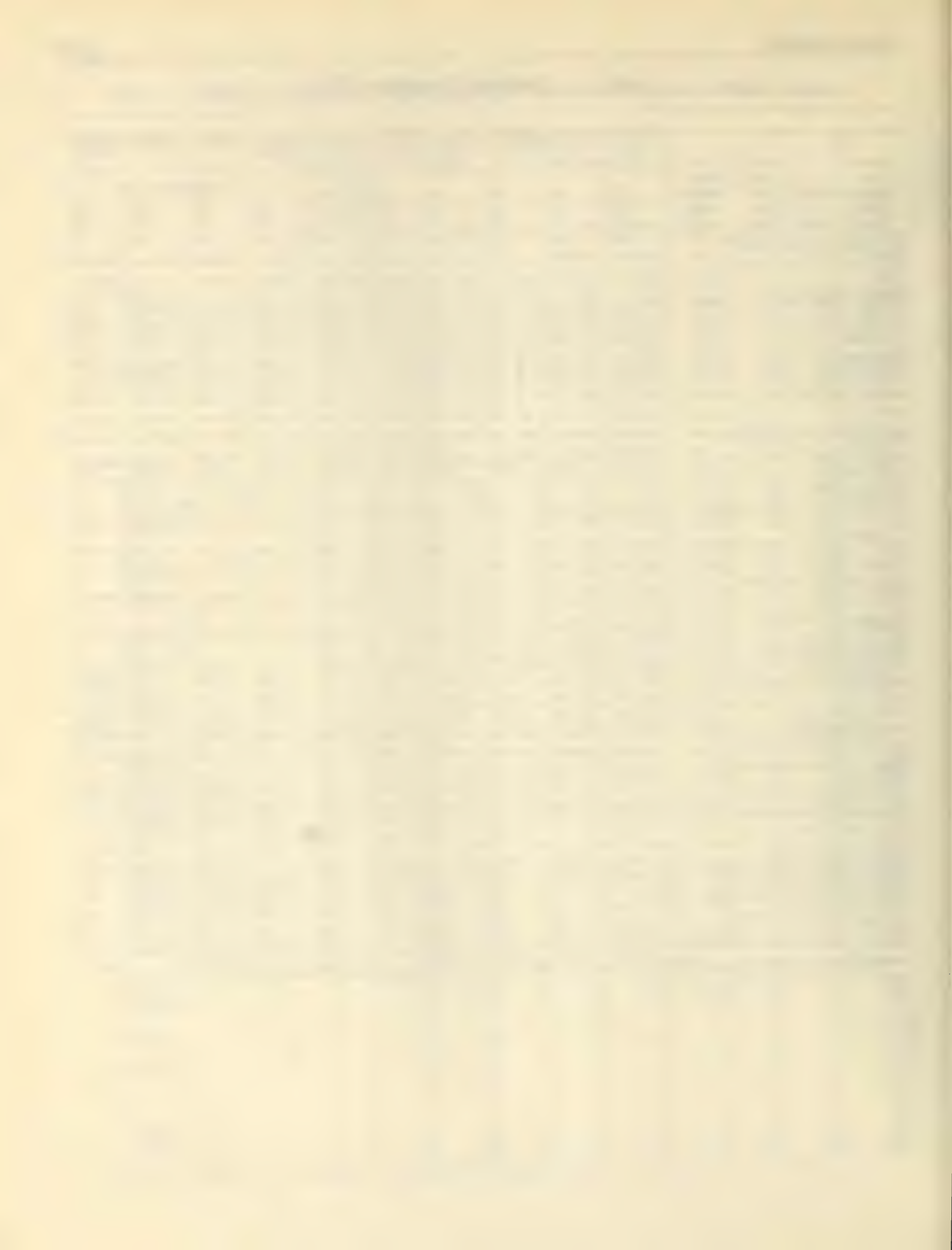
Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.



TEXTILE MILLS: MACHINERY, FIBER, AND FABRIC CONSUMPTION

This report supplements the 1963 Census of Manufactures data previously published for the textile industries. Most of the statistics in the following tables were collected as part of the Census of Manufactures, but in some instances, the tables are based upon reports collected in the Census Bureau's monthly, quarterly, and annual Current Industrial Reports. The sources of the data and statements regarding their coverage and limitations are outlined below.

MACHINERY

No information on machinery was collected from textile manufacturers in the 1963 Census of Manufactures because selected machinery data were collected for most industries in the Current Industrial Reports. The source of the data is shown in each of the table 1 parts.

FIBER CONSUMPTION

The fiber consumption data shown in the table 2 parts are based on information collected in the Census of Manufactures. All industries consuming significant amounts of fiber reported these data, except for Industry Group 225, Knitting Mills, and Group 227, Floor Covering Mills. Detailed consumption figures are published in the monthly Current Industrial Reports Series, M22D, Consumption on the Woolen and Worsted Systems, and M22P, Cotton, Man-Made Fiber Staple, and Linters; Consumption, Stocks, and Spindle Activity.

FABRIC CONSUMPTION

For the 1963 census, data were collected on the consumption of broad-woven fabrics for a number of industries where this consumption was believed to be significant. This information was included in table 7, "Materials Consumed, by Kind," in the various Industry Reports. Table 3 in this report summarizes the broad-woven fabrics data as published previously. Comparable data for 1958 are available in the census reports for that year.

In each of the individual table 7's, detailed materials data were collected for piece goods and other materials. However, in each industry a portion of the total cost of materials was not specified by kind. The cost "not specified by kind" represented the total cost of materials for small establishments reporting on "short forms" (separate figures for individual materials consumed were not requested on these forms) as well as the total cost of materials reported for those establishments which failed to report cost of individual materials on the "standard forms." The "cost of materials not specified by kind" therefore includes the quantity and cost of piece goods consumed by a number of establishments.

In preparing table 3 of this report, data previously published in the table 7's are shown in the columns headed "Reported." The cost figures for the materials "not specified by kind" were then allocated to the piece goods costs in the same proportion

that piece goods represented of the total cost of materials that were reported in detail. Quantity data were then estimated using the same unit value as that reported by other establishments in the industry. The combined total of the amounts reported and the amounts estimated are shown in the columns headed "Estimated total."

For some industries, the quantity data for relatively small costs of fabrics were not available. In such cases, the quantities have been estimated based on the unit value reported by a closely related industry.

The fabric consumption data for the Rubber Industries, 3011, 3021, 3031, and 3069, were collected in thousands of pounds instead of thousands of yards as collected for all other industries shown in this report. A satisfactory conversion factor was not available for converting these pound figures to yards. Therefore, the quantities in pounds were added to the quantities in yards reported by the other industries in order to obtain some approximate total figures. The resulting figures are consequently understated because the fabric consumed probably exceeded one yard per pound.

BROAD-WOVEN FABRICS—AVERAGE WEIGHT AND WIDTH OF FABRICS

A survey of fabric production in linear yards, square yards, and pounds for the first quarter of 1963 was conducted as part of the 1963 Census of Manufactures. The questionnaires were mailed in the spring of 1963 as part of a program to reduce the workload (both for manufacturers and the Census Bureau) connected with the main part of the 1963 Census of Manufactures which was conducted early in 1964. Data for earlier years were also collected as part of the censuses of manufactures for those years.

All respondents reporting in the Census quarterly broad-woven fabrics survey (Form M22T) were included in the study of fabric weights and widths. Reports were received from manufacturers accounting for approximately 98 percent of the first quarter 1963 production of cotton fabrics, 96 percent of the production of man-made fiber fabrics, and 87 percent of woolen and worsted fabrics. Based on these reports, ratios of production of square yards and pounds to linear yards were computed for each of the fabrics shown in table 2. These ratios were then applied to the actual production data, in linear yards, to obtain estimates of the square yards and pounds of fabric produced. For a few fabrics, the ratios were based on reports accounting for less than 75 percent of the total production of that fabric. In such cases, the ratios and the data for square yards and pounds are footnoted to indicate the low coverage.

The linear yards figures shown are from the Current Industrial Reports Series M22T with revisions as indicated. Some of these revisions to the first quarter 1963 data were made by respondents when submitting their reports for the second quarter. In the review of this survey of fabric production in linear yards, square yards, and pounds, some errors in classification were found. Correspondence was initiated to obtain correct information and, where the revisions for individual product lines were significant, the changes have been reflected in this report.

No analysis has been made of the seasonal influences which may have affected weight and width ratios based on a single quarter's production.

TABLE 1A. Cotton System Machinery for Textile Fiber and Yarn Preparation: End of 1958 and 1954

Data for small establishments reporting on the short form (see Introduction) are not included. This table presents selected machinery data for establishments classified in the following industries:

2211 - Weaving Mills, Cotton
2221 - Weaving Mills, Synthetics
2281 - Yarn Mills, Except Wool

2282 - Throwing and Winding Mills
2284 - Thread Mills
2296 - Tire Cord and Fabric

Type of machine	December 31, 1958		December 31, 1954	
	Total in place	Idle entire year	Total in possession	Idle entire year
Pickers.....number..	3,276	22	(NA)	(NA)
Cards.....do....	88,312	583	88,670	1,003
Combers.....do....	4,737	67	5,996	294
Roving machinery spindles.....1,000..	1,307	37	2,034	80
Long draft.....do....	997	11	1,277	20
Regular draft.....do....	310	26	757	60
Silk spinning spindles.....do....	106	12	203	15
Cotton system spinning spindles.....do....	19,230	110	21,607	403
Mule spinning spindles.....do....	20	19	33	30
Ring spinning spindles.....do....	19,210	91	21,574	373
By type:				
Long draft.....do....	17,856	57	18,153	91
Regular draft.....do....	1,354	34	3,421	282
By ring size:				
1-3/8 inches and smaller.....do....	2,615	10	3,776	99
Long draft.....do....	2,456	-	(NA)	(NA)
Regular draft.....do....	159	10	(NA)	(NA)
1-7/16 inches through 1-3/4 inches.....do....	3,840	20	5,242	127
Long draft.....do....	3,479	11	(NA)	(NA)
Regular draft.....do....	361	9	(NA)	(NA)
1-13/16 inches through 2-1/4 inches.....do....	9,428	40	9,856	134
Long draft.....do....	8,834	27	(NA)	(NA)
Regular draft.....do....	594	13	(NA)	(NA)
2-5/16 inches and larger.....do....	3,327	21	2,700	13
Long draft.....do....	3,087	19	(NA)	(NA)
Regular draft.....do....	240	2	(NA)	(NA)
Doubling and twisting spindles.....do....	2,718	75	2,992	202
Ring spindles by ring size:				
1-3/4 inches and smaller.....do....	72	(Z)	190	65
1-3/16 inches through 2-3/8 inches.....do....	541	20	795	56
2-7/16 inches through 3-1/2 inches.....do....	1,223	35	1,348	66
3-9/16 inches and larger.....do....	821	15	659	15
Flyer and other twisting and doubling spindles.....do....	61	5	(NA)	(NA)
Throwing spindles.....do....	1,729	107	2,629	192
Warping equipment:				
High speed warpers.....do....	1,622	30	(¹)	(²)
Low speed warpers.....do....	622	45	1,245	123

Note: This table includes the latest statistics available on this subject from the censuses, and is reprinted here for comparative purposes. (Such information is not available from the 1963 Census of Manufactures.)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than one thousand.

¹A number of plants reporting the production of thrown yarn reported doubling and twisting spindles rather than throwing spindles.

²The 1954 data for high speed warpers appear to have been overstated. However, the material needed to correct this information was not available.

TABLE 1B. Cotton-System Spinning Spindles by Selected Geographic Areas:
1962 to 1965

Area or State, and year	Cotton-system spindles (thousands)					Cotton-system spindle hours (millions)			
	Total in place at the end of July	Active last working day of year, by type of fiber spun			Idle last working day of year	Total	By type of fiber spun		
		100 percent cotton	100 percent synthetic fibers	Other fibers and blends			100 percent cotton	100 percent synthetic fibers	Other fibers and blends
United States:									
1965 ¹	19,332	15,030	1,445	2,282	575	125,420	102,473	9,767	13,180
1964 ¹	19,322	15,259	1,536	1,677	850	120,630	101,121	9,769	9,740
1963 ¹	19,302	15,688	1,509	1,437	668	117,243	100,937	8,596	7,710
1962 ¹	19,491	16,774	1,157	833	727	122,472	110,254	7,086	5,132
Cotton-growing States:									
1965.....	18,512	14,556	1,349	2,209	398	121,663	99,623	9,247	12,793
1964.....	18,269	14,737	1,430	1,633	469	116,345	97,795	9,226	9,324
1963.....	18,160	15,084	1,439	1,306	331	112,796	97,434	8,295	7,067
1962.....	18,172	15,993	1,106	716	357	116,606	105,120	6,836	4,650
New England States:			(²)	2146	170	3,543	2,754	403	386
1965.....	756	440	(²)	2127	378	4,028	3,186	427	415
1964.....	989	484	(²)	2179	317	4,227	3,385	199	643
1963.....	1,068	572	(²)	2147	349	5,652	5,015	158	479
1962.....	1,237	741	(²)						
Rest of United States:			(²)	223	7	214	96	117	1
1965.....	64	34	(²)	223	3	257	140	116	1
1964.....	64	38	(²)	222	20	220	118	102	-
1963.....	74	32	(²)	221	21	214	119	92	3
1962.....	82	40	(²)						
Alabama:									
1965.....	1,537	1,454	23	52	8	10,306	9,816	153	337
1964.....	1,553	1,419	23	80	31	9,536	8,977	142	417
1963.....	1,534	1,400	26	73	35	9,290	8,880	133	277
1962.....	1,540	1,461	30	36	13	9,663	9,292	137	234
Connecticut:		(³)	(³)	(³)	(³)	413	(³)	(³)	(³)
1965.....	100	(³)	(³)	(³)	(³)	346	(³)	(³)	(³)
1964.....	103	(³)	(³)	(³)	(³)	294	(³)	(³)	-
1963.....	99	(³)	(³)	(³)	(³)	334	300	34	-
1962.....	98	36	(³)		53				
Georgia:									
1965.....	2,885	2,458	130	255	42	18,307	16,114	835	1,358
1964.....	2,849	2,477	123	193	56	17,587	15,746	770	1,071
1963.....	2,865	2,573	106	159	27	17,184	15,723	639	822
1962.....	2,855	2,642	89	86	38	18,061	16,936	521	604
Maine:		(³)	(³)	(³)	(³)	1,309	(³)	(³)	(³)
1965.....	224	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
1964.....	(³)	(³)	(³)	(³)	(³)	1,240	(³)	-	(³)
1963.....	241	(³)	-	24	28	1,347	1,333	-	14
1962.....	273	232	(²)		37				
Maryland:		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
1965.....	(³)	-	(³)	-	-	(³)	-	(³)	-
1964.....	(³)	-	(³)	-	-	(³)	-	(³)	-
1963.....	(³)	-	(³)	(³)	-	86	-	84	2
1962.....	(³)	-	(³)						
Massachusetts:			(²)	282	140	656	247	(²)	2409
1965.....	256	34	(²)	274	233	1,140	620	(²)	2520
1964.....	374	67	(²)	2130	164	1,482	843	(²)	2639
1963.....	447	153	(²)	2114	200	2,019	1,543	15	461
1962.....	519	205	(²)						
Mississippi:		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
1965.....	(³)	(³)	(³)	-	(³)	(³)	(³)	(³)	-
1964.....	(³)	(³)	(³)	-	(³)	(³)	(³)	(³)	-
1963.....	(³)	(³)	(³)	-	-	194	176	(³)	18
1962.....	35	(³)	(³)						
New York:		(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
1965.....	(³)	(³)	(³)	-	(³)	(³)	(³)	(³)	-
1964.....	(³)	(³)	(³)	-	(³)	(³)	(³)	(³)	-
1963.....	(³)	(³)	(³)	-	(³)	12	12	-	-
1962.....	25	(³)	(³)						

See footnotes at end of table.

**TABLE 1B. Cotton-System Spinning Spindles by Selected Geographic Areas:
1962 to 1965--Continued**

Area or State, and year	Cotton-system spindles (thousands)					Cotton-system spindle hours (millions)			
	Total in place at the end of July	Active last working day of year, by type of fiber spun			Idle last working day of year	Total	By type of fiber spun		
		100 percent cotton	100 percent synthetic fibers	Other fibers and blends			100 percent cotton	100 percent synthetic fibers	Other fibers and blends
North Carolina:									
1965.....	5,971	4,391	604	865	111	39,020	29,513	3,974	5,533
1964.....	5,814	4,303	607	787	117	37,643	29,256	3,937	4,450
1963.....	5,751	4,455	599	593	104	35,700	28,632	3,542	3,528
1962.....	5,661	4,742	468	332	119	36,089	30,863	2,888	2,336
Pennsylvania:									
1965.....	(3)	-	(3)	(3)	(3)	(3)	-	(3)	(3)
1964.....	(3)	-	(3)	(3)	(3)	(3)	-	(3)	(3)
1963.....	(3)	-	(3)	(3)	(3)	(3)	-	(3)	(3)
1962.....	(3)	-	(3)	-	(3)	9	-	8	1
Rhode Island:									
1965.....	62	(3)	(3)	-	-	413	(3)	(3)	-
1964.....	163	(3)	(3)	-	(3)	428	(3)	(3)	(3)
1963.....	163	(3)	(3)	-	(3)	519	(3)	(3)	(3)
1962.....	230	172	(3)	(3)	(3)	1,207	1,199	8	-
South Carolina:									
1965.....	6,791	5,280	550	925	36	46,085	37,054	4,029	5,002
1964.....	6,727	5,467	641	527	92	43,852	36,543	4,165	3,144
1963.....	6,688	5,485	671	439	93	42,955	36,945	3,770	2,240
1962.....	6,709	5,878	479	247	105	44,505	40,036	3,082	1,387
Tennessee:									
1965.....	451	412	(2)	238	1	3,031	2,789	(2)	2242
1964.....	444	402	(2)	236	6	2,864	2,658	169	37
1963.....	441	402	(2)	231	8	2,736	2,555	148	33
1962.....	466	408	(2)	228	30	2,861	2,696	146	19
Texas:									
1965.....	214	186	(3)	(3)	(3)	1,309	1,189	(3)	(3)
1964.....	213	189	(3)	(3)	(3)	1,142	1,005	(3)	(3)
1963.....	214	168	(3)	(3)	(3)	1,106	987	(3)	(3)
1962.....	217	192	(3)	(3)	(3)	1,193	1,147	7	39
Virginia:									
1965.....	562	296	(3)	(3)	(3)	3,088	2,678	(3)	(3)
1964.....	562	403	(3)	(3)	(3)	3,229	3,161	(3)	(3)
1963.....	563	514	(3)	(3)	(3)	3,245	3,175	(3)	(3)
1962.....	566	534	(3)	(3)	(3)	3,418	3,377	20	21
All other States:									
1965.....	279	4541	(4)	(4)	237	1,483	4,149	(4)	(4)
1964.....	520	4654	(4)	(4)	315	2,863	3,842	(4)	(4)
1963.....	296	538	(4)	(4)	209	1,492	3,197	(4)	(4)
1962.....	297	272	(4)	(4)	75	1,474	1,344	118	12

Source: Cotton Production and Distribution, Bulletin 202 - Year Ending July 31, 1965

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Year ending July 31, 1965, August 1, 1964, August 3, 1963, August 4, 1962, and July 29, 1961.

²"100 percent synthetic fibers" and "Other fibers and blends" combined to prevent disclosure of data for individual companies.

³Not shown separately, to avoid disclosure of data for individual companies. Included in United States and area totals.

⁴Includes some spindles and hours in "Rest of United States" used in spinning 100 percent synthetic fibers.

TABLE 1C. Woolen and Worsted Spinning Spindles and Combing Machinery in Place and Active: End of 1963 and 1958

Machinery classification	Number in place Dec. 31, 1963	Number active on last full working day during the last week of 1963			Number in place Dec. 31, 1958
		First shift	Second shift	Third shift	
Woolen spinning spindles.....	559,695	480,425	413,199	305,975	725,083
Carpet and carpet yarn mills.....	89,496	79,738	71,294	54,316	105,935
Carpet yarn mills.....	41,560	37,870	30,646	18,080	35,961
Carpet weaving mills with spinning spindles.....	47,936	41,868	40,648	36,236	69,974
Other mills.....	470,199	400,687	341,905	251,659	619,148
Worsted spinning spindles.....	660,041	579,318	554,472	472,072	659,952
Ring.....	575,097	509,982	495,624	438,184	538,608
Others (mule, cap, flyer).....	84,944	69,336	58,848	33,888	121,344
Worsted combs.....	1,518	1,314	1,174	1,022	1,558
Combs for recombining.....	156	143	108	108	217
Other combs.....	1,362	1,171	1,066	914	1,341
Noble.....	370	331	271	171	548
French.....	992	840	795	743	793
Less than 16" wide ¹	377	266	239	223	453
16" or more ¹	615	574	556	520	340

Source: Current Industrial Reports Series M22E, Woolen and Worsted Machinery Activity.

¹Pinning on circular comb (half-lap).

TABLE 1D. Looms in Place at Broad-Woven Fabric Mills: End of 1964, 1963, and 1958

Type of loom	Number in place, Dec. 31-		
	1964	1963	1958
TOTAL.....	400,052	403,825	440,124
Cotton and man-made fiber looms.....	387,112	390,102	422,471
Single shuttle-cam looms ¹	256,293	260,748	292,838
Single shuttle-dobby looms.....	79,138	77,339	72,524
Multiple shuttle (box)-cam or dobbie looms....	38,331	38,247	43,292
Single or multiple shuttle (box)-pile and Jacquard looms.....	13,350	13,768	13,817
Woolen and worsted looms.....	12,940	13,723	17,653
Pile and Jacquard looms.....	1,432	1,125	(NA)
All other automatic looms, including weaving machines.....	10,374	11,650	(NA)
All other nonautomatic looms, except narrow looms.....	1,134	948	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes a small number of shuttleless looms.

TABLE 1E. Looms in Place and Active, by Type of Mill: End of 1964, 1963, and 1958

Type of loom	Number in place Dec. 31, 1964	Number active by shift last full working day of the last week of 1964			Number in place Dec. 31, 1963	Number in place Dec. 31, 1958
		First shift	Second shift	Third shift		
COTTON MILLS ¹						
TOTAL.....	288,495	285,016	282,484	275,397	295,019	327,222
Cotton and man-made fiber looms.....	287,644	284,429	282,161	275,335	294,605	326,638
Single shuttle-cam looms ²	234,610	232,928	231,278	226,655	241,425	272,150
Single shuttle-dobby looms.....	26,430	26,023	26,067	25,993	26,715	26,102
Multiple shuttle (box)-cam or dobbie looms.....	19,671	19,187	18,840	17,621	19,997	21,304
Single or multiple shuttle (box)-pile and Jacquard looms.....	6,933	6,291	5,976	5,066	6,468	7,082
Woolen and worsted looms.....	851	587	323	62	414	584
MAN-MADE FIBER AND SILK MILLS ¹						
TOTAL.....	100,503	96,780	95,493	90,669	96,493	97,344
Cotton and man-made fiber looms.....	97,417	93,989	92,988	88,363	93,448	93,896
Single shuttle-cam looms ²	19,919	19,482	19,381	18,893	17,591	19,183
Single shuttle-dobby looms.....	52,468	51,945	51,919	51,313	50,384	46,222
Multiple shuttle (box)-cam or dobbie looms.....	18,613	16,923	16,385	14,079	18,173	21,756
Single or multiple shuttle (box)-pile and Jacquard looms.....	6,417	5,639	5,303	4,078	7,300	6,735
Woolen and worsted looms.....	3,086	2,791	2,505	2,306	3,045	3,448
WOOLEN AND WORSTED MILLS ¹						
TOTAL.....	9,009	7,484	6,553	4,865	10,300	13,621
Woolen and worsted looms.....	(D)	(D)	6,553	4,865	10,264	13,621
Pile and Jacquard looms.....	(D)	(D)	(D)	(D)	(D)	53
All other automatic looms, including weaving machines.....	8,173	6,842	6,197	4,563	9,519	12,366
All other nonautomatic looms, except narrow looms..	(D)	(D)	(D)	(D)	(D)	1,202
Cotton and man-made fiber looms.....	(D)	(D)	-	-	36	
TIRE CORD AND TIRE FABRIC MILLS ¹						
Cotton and man-made fiber looms.....	2,045	1,800	1,759	1,624	2,013	1,937

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Mill classification determined by the primary type of fabric produced by the establishment.

²Includes a small number of shuttleless looms.

TABLE 1F. Looms in Place by Type, by Width, and by Type of Mill: End of 1964

Type of loom	Total number in place end of 1964	Width of loom							
		Up to and including 40'' wide	41'' to 50''	51'' to 60''	61'' to 70''	71'' to 80''	81'' to 90''	91'' to 100''	Over 100'' wide
		COTTON MILLS ¹							
TOTAL.....	288,495	62,556	139,160	40,204	13,401	5,532	20,020	4,982	2,640
Cotton and man-made fiber looms.....	287,644	62,556	139,160	40,110	(D)	(D)	(D)	4,982	(D)
Single shuttle:									
Cam.....	234,610	52,504	117,012	27,354	9,369	3,966	19,142	4,085	1,178
Dobby.....	26,430	5,415	14,500	4,597	(D)	(D)	(D)	177	(D)
Multiple shuttle (box) cam or dobbie....	19,671	2,719	6,744	6,561	1,665	548	543	520	371
Single or multiple shuttle (box) pile and Jacquard.....	6,933	1,918	904	1,598	(D)	(D)	(D)	200	(D)
Woolen and worsted looms.....	851	-	-	94	(D)	(D)	(D)	-	(D)
Pile and Jacquard.....	(D)	-	-	(D)	(D)	(D)	-	-	-
Other automatic looms, including weaving machines.....	453	-	-	(D)	(D)	(D)	(D)	-	-
Other nonautomatic looms, except narrow looms.....	(D)	-	-	-	(D)	-	-	-	(D)
		MAN-MADE FIBER AND SILK MILLS ¹							
TOTAL.....	100,503	1,120	50,490	31,857	9,184	4,325	2,373	700	454
Cotton and man-made fiber looms.....	97,417	(D)	(D)	31,746	(D)	(D)	(D)	301	(D)
Single shuttle:									
Cam.....	19,919	501	11,734	4,638	2,428	(D)	70	-	(D)
Dobby.....	52,468	(D)	34,857	12,328	4,141	983	(D)	-	(D)
Multiple shuttle (box) cam or dobbie....	18,613	(D)	(D)	12,499	(D)	1,774	941	(D)	(D)
Single or multiple shuttle (box) pile and Jacquard.....	6,417	399	(D)	2,281	(D)	(D)	(D)	(D)	(D)
Woolen and worsted looms.....	3,086	(D)	(D)	111	(D)	(D)	(D)	399	(D)
Pile and Jacquard.....	1,040	-	-	52	(D)	(D)	(D)	(D)	(D)
Other automatic looms, including weaving machines.....	1,748	(D)	(D)	59	(D)	479	(D)	(D)	226
Other nonautomatic looms, except narrow looms.....	298	-	(D)	-	76	(D)	(D)	(D)	(D)
		WOOLEN AND WORSTED MILLS ¹							
TOTAL.....	9,009	(D)	(D)	624	176	2,685	3,694	1,048	592
Cotton and man-made fiber looms.....	(D)	-	-	-	(D)	(D)	-	-	-
Multiple shuttle (box) cam or dobbie....	(D)	-	-	-	(D)	(D)	-	-	-
Woolen and worsted looms.....	(D)	(D)	(D)	624	(D)	(D)	3,694	1,048	592
Pile and Jacquard.....	(D)	-	-	(D)	-	-	-	(D)	-
Other automatic looms, including weaving machines.....	8,173	(D)	(D)	614	(D)	(D)	3,670	1,000	199
Other nonautomatic looms, except narrow looms.....	(D)	(D)	(D)	(D)	(D)	(D)	24	(D)	393
		TIRE CORD AND TIRE FABRIC MILLS ¹							
Cotton and man-made fiber looms.....	2,045	-	(D)	74	(D)	(D)	(D)	-	-
Single shuttle:									
Cam.....	1,764	-	(D)	74	(D)	(D)	(D)	-	-
Dobby.....	(D)	-	(D)	-	-	-	-	-	-
Multiple shuttle (box) cam or dobbie....	(D)	-	-	-	-	(D)	-	-	-

Standard Notes: - Represents zero.
applicable.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

¹Mill classification determined by the primary type of fabric produced by the establishment.

**TABLE 1G. Looms in Place, by Type of Mill and Geographic Areas:
End of 1964, 1958, and 1954**

Geographic areas	Number in place 1964					Number in place 1958	Number in place 1954
	Total	Cotton mills ¹	Man-made fiber mills ¹	Woolen and worsted mills ²	Tire cord and tire cord fabric mills ¹		
UNITED STATES, TOTAL.....	400,052	288,495	100,503	9,009	2,045	415,517	482,879
New England division.....	29,204	11,005	14,203	3,996	-	48,171	80,684
Maine.....	5,956	(D)	(D)	806	-	7,585	14,957
New Hampshire.....	4,828	(D)	(D)	711	-	5,438	(NA)
Vermont.....	114	-	-	114	-	(NA)	(NA)
Massachusetts.....	10,964	(D)	(D)	1,318	-	23,456	41,547
Rhode Island.....	4,593	(D)	(D)	695	-	7,366	9,952
Connecticut.....	2,749	(D)	(D)	352	-	4,326	6,925
Middle Atlantic division.....	16,437	2,264	13,119	(D)	(D)	14,736	26,360
New York.....	1,371	36	1,071	(D)	(D)	1,314	1,844
New Jersey.....	2,808	365	2,443	-	-	2,611	6,743
Pennsylvania.....	12,258	1,863	9,605	(D)	(D)	10,811	17,773
South region.....	353,121	274,546	73,107	3,534	1,934	352,030	374,019
Maryland.....	330	(D)	(D)	(D)	-	(NA)	(NA)
Virginia.....	13,528	3,466	9,229	(D)	(D)	20,105	22,946
West Virginia.....	(D)	-	-	(D)	-	(NA)	(NA)
North Carolina.....	86,869	54,793	31,348	(D)	(D)	77,044	88,123
South Carolina.....	155,910	128,480	26,272	836	322	152,402	155,950
Georgia.....	50,351	44,032	(D)	(D)	1,062	59,070	56,011
Florida.....	(D)	(D)	-	-	-	(NA)	(NA)
Kentucky.....	(D)	(D)	-	-	-	(NA)	(NA)
Tennessee.....	6,458	5,157	(D)	(D)	(D)	7,190	6,877
Alabama.....	32,914	32,011	(D)	(D)	(D)	27,415	30,915
Mississippi.....	(D)	(D)	-	-	-	(NA)	(NA)
Arkansas.....	(D)	(D)	-	-	-	1,061	(NA)
Texas.....	(D)	(D)	(D)	(D)	-	5,210	4,885
North Central and West regions.....	1,290	680	74	(D)	(D)	580	1,816

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Mill classification determined by the primary type of fabric produced by the establishment.

TABLE 1H. Looms by Geographic Areas and by Width of Looms: End of 1964

Geographic area	Number of looms in place end of 1964	Width of looms (number)							
		Up to and including 40" wide	41" to 50"	51" to 60"	61" to 70"	71" to 80"	81" to 90"	91" to 100"	Over 100"
	COTTON AND MAN-MADE FIBER LOOMS								
UNITED STATES, TOTAL.....	387,112	63,675	189,907	71,930	23,189	9,027	21,274	5,283	2,827
New England division.....	24,532	1,809	17,172	2,199	277	670	1,506	(D)	(D)
Maine.....	(D)	(D)	2,155	(D)	(D)	(D)	(D)	(D)	(D)
New Hampshire.....	3,834	(D)	2,768	(D)	(D)	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-
Massachusetts.....	9,550	(D)	8,040	595	106	286	94	85	(D)
Rhode Island.....	3,816	(D)	2,949	559	(D)	(D)	(D)	(D)	(D)
Connecticut.....	(D)	434	1,260	691	-	(D)	(D)	-	-
Middle Atlantic division.....	14,828	332	4,553	6,863	1,581	1,000	318	(D)	(D)
New York.....	1,085	(D)	232	626	136	-	(D)	-	-
New Jersey.....	2,592	(D)	410	1,248	467	210	(D)	(D)	(D)
Pennsylvania.....	11,151	155	3,911	4,989	978	790	195	(D)	(D)
South region.....	346,984	61,347	168,041	62,723	21,278	7,237	19,360	4,607	2,391
Maryland.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
Virginia.....	12,728	2,433	7,325	2,093	715	162	-	-	-
North Carolina.....	84,272	9,032	34,500	22,183	7,500	3,382	5,553	1,202	920
South Carolina.....	154,887	29,858	80,125	26,966	5,836	1,746	8,613	1,041	702
Georgia.....	(D)	8,685	23,021	6,196	(D)	(D)	(D)	1,121	(D)
Florida.....	(D)	(D)	(D)	(D)	-	-	-	-	(D)
Kentucky.....	(D)	(D)	(D)	(D)	-	-	-	-	(D)
Tennessee.....	(D)	(D)	3,734	(D)	274	(D)	-	-	(D)
Alabama.....	(D)	7,302	17,609	3,272	(D)	(D)	(D)	(D)	108
Mississippi.....	(D)	(D)	(D)	-	-	-	-	-	-
Arkansas.....	(D)	-	(D)	-	-	-	-	-	-
Texas.....	(D)	2,073	(D)	1,065	(D)	(D)	(D)	(D)	(D)
North Central and West regions...	768	187	141	145	53	120	90	(D)	(D)
	WOOLEN AND WORSTED								
UNITED STATES, TOTAL.....	12,940	(D)	(D)	829	1,040	3,703	4,818	1,447	859
New England division.....	4,672	(D)	(D)	414	46	1,512	1,676	794	(D)
Maine.....	(D)	(D)	(D)	(D)	-	(D)	403	168	(D)
New Hampshire.....	994	-	-	(D)	(D)	468	288	117	(D)
Vermont.....	114	-	-	-	(D)	-	(D)	-	-
Massachusetts.....	1,414	-	-	180	-	311	(D)	214	(D)
Rhode Island.....	777	-	(D)	(D)	(D)	392	245	(D)	(D)
Connecticut.....	(D)	-	-	-	-	(D)	(D)	192	(D)
Middle Atlantic division.....	1,609	(D)	(D)	124	422	(D)	(D)	(D)	224
New York.....	286	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Jersey.....	216	-	(D)	76	(D)	(D)	(D)	-	-
Pennsylvania.....	1,107	(D)	-	(D)	364	233	245	(D)	(D)
South region.....	6,137	(D)	-	(D)	572	1,823	2,651	524	277
Maryland.....	(D)	-	-	-	-	-	(D)	(D)	-
Virginia.....	800	-	-	(D)	(D)	(D)	(D)	-	-
West Virginia.....	(D)	-	-	-	-	-	(D)	-	-
North Carolina.....	2,597	-	-	(D)	(D)	783	(D)	303	215
South Carolina.....	1,023	-	-	-	-	436	(D)	-	(D)
Georgia.....	(D)	-	-	(D)	-	(D)	(D)	(D)	-
Tennessee.....	(D)	-	-	(D)	-	-	(D)	(D)	(D)
Alabama.....	(D)	-	-	-	-	-	-	-	(D)
Texas.....	(D)	(D)	-	(D)	-	-	(D)	(D)	-
North Central and West regions...	522	-	-	(D)	-	(D)	(D)	(D)	(D)

Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

**TABLE 1I. Narrow Fabric Machinery in Place:
End of 1963**

Type of machine	Number in place end of 1963	Type of machine	Number in place end of 1963
Tape looms, total.....	6,023	Multiple or gang shuttle elastic looms, total.....	1,975
Up to 36 weaving spaces.....	3,091	36 spaces and under.....	761
37 to 49 weaving spaces.....	826	38 to 58 spaces.....	831
50 to 99 weaving spaces.....	2,061	60 spaces and over.....	383
100 waving spaces and over.....	45	Shuttleless elastic looms ¹	903
Webbing looms, total.....	1,706	Braiders, total.....	80,530
Up to 12 weaving spaces.....	740	13 carriers and under.....	16,325
13 to 24 weaving spaces.....	632	14 to 33 carriers.....	47,522
25 to 36 weaving spaces.....	180	34 carriers and over.....	16,683
37 weaving spaces and over.....	154		

Source: Current Industrial Reports Series M22G, Narrow Fabrics.

¹Number of heads or spaces of shuttleless elastic looms were 2,353 in 1963 and 2,172 in 1962.

**TABLE 1J. Looms and Braiders in Narrow Fabric Mills:
End of 1958**

Type of machine	Number in place Dec. 31, 1958 ¹	Idle entire year 1958
Braiding machines		
Elastic:		
Braiders.....	52,003	6,162
Carriers.....	900,661	48,857
Nonelastic:		
Braiders.....	28,135	4,165
Carriers.....	818,646	110,686
Narrow looms:		
Looms.....	9,397	803
Weaving spaces.....	351,906	35,643

¹Machinery data are for mills classified in the 1958 Census of Manufactures as Narrow Fabric Mills, Industry 2241. Small establishments reporting on a short form in the 1958 Census were not asked to report machinery data and their equipment is not included in this table.

**TABLE 1K. Carpet and Rug Weaving Looms in Place:
End of 1963, 1958, and 1954**

Size of loom	Looms by type				
	All types	Axminster	Jacquard	Velvet	Other
Dec. 31, 1963 ¹					
Number of looms in place, total....	2,002	368	787	617	230
27 inches.....	701	107	315	144	35
3 feet - under 9 feet.....	187	11	63	32	81
9 feet.....	317	115	87	81	34
9-1/2 - 12 feet.....	589	105	192	238	54
15 feet.....	292	30	125	117	20
Over 15 feet.....	16	-	5	5	6
Dec. 31, 1958 ²					
Number of looms in place, total....	3,234	678	1,046	944	566
3/4 yard looms.....	974	201	408	260	105
4/4 yard looms.....	260	15	90	63	92
6/4 yard looms.....	70	2	7	34	27
8/4, 10/4, and 11/4 yard looms...	127	5	14	3	105
12/4 yard looms.....	654	241	140	180	93
14/4 and 16/4 yard looms.....	742	178	245	258	61
20/4 yard looms.....	368	35	137	135	61
24/4 and larger looms.....	39	1	5	11	22
Dec. 31, 1954 ²					
Number of looms in possession, total.....	5,411	1,862	1,652	1,211	686
3/4 yard looms.....	1,928	666	761	435	66
4/4 yard looms.....	646	128	245	148	125
6/4 yard looms.....	97	17	17	26	37
8/4, 10/4, and 11/4 yard looms...	240	55	24	30	131
12/4 yard looms.....	1,238	626	213	275	124
14/4 and 16/4 yard looms.....	887	338	256	200	93
20/4 yard looms.....	266	32	129	82	39
24/4 and larger looms.....	32		7	9	
Looms not specified by size.....	77	-	-	6	71

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Source: Current Industrial Reports Series M22Q, Rugs, Carpets, and Carpeting.

²Represents machinery data for establishments classified in the following Industries: 2271, Woven Carpets and Rugs; 2272, Tufted Carpets and Rugs; and 2279, Carpets and Rugs, N.E.C.

**TABLE 1L. Tufting, Knitting, and Carpet Braiding
Machinery in Place: End of 1963**

Type of machine	Number in place, total	Establishments primarily producing—	
		Tufted carpets and rugs	Other tufted products ¹
Tufting machines, by width, total.....	2,717	2,007	710
36 inches and under.....	1,716	1,217	499
37 inches to 45 inches.....	62	34	28
46 inches to 59 inches.....	71	63	8
60 inches to 65 inches.....	143	132	11
66 inches to 81 inches.....	48	41	7
9 feet.....	202	70	132
12 feet.....	93	72	21
15 feet.....	330	330	-
Over 15 feet.....	52	48	4
Custom carpet (multipass) tufting machines....	220	220	-
Carpet braiding machines.....	2,246	(X)	(X)
Carpet knitting machines.....	270	(X)	(X)

Source: Current Industrial Reports Series M22Q, Rugs, Carpets, and Carpeting. Information regarding tufting, carpet braiding, and knitting machines was not collected prior to the 1962 Carpet survey.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes tufting machines at establishments that are primarily or only producing tufted bedspreads, tufted robes, and other tufted products.

²Includes some knitting machines that are also used to produce fabrics other than carpeting.

**TABLE 1M. Textile Finishing Machinery in Place:
End of 1964, 1958, and 1954**

Type of equipment	Number of machines in place		
	1964	1958	1954
Bleaching equipment:			
Kiers, open and closed.....	450	556	1,053
Continuous bleaching systems:			
Rope.....	118	81	138
Open width.....	147	83	
Piece dyeing equipment:			
Individual jigs ¹	2,727	2,796	3,952
Individual pads ¹	332	426	787
Becks and boxes (open and closed) ¹	1,775	1,634	1,724
Continuous dyeing ranges.....	301	219	
Other dyeing machines.....	(NA)	506	(NA)
Printing equipment:			
Roller printing machines.....	446	438	636
Automatic screen printing machines for continuous piece goods.....	81	37	(NA)
Hand screen printing tables.....	407	(NA)	(NA)
Flocking or flock printing machines.....	(NA)	72	54
Plisse machines (caustic soda crepe).....	(NA)	19	34

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Excludes those which are part of continuous dyeing machines.

TABLE 2A. Consumption of Raw Cotton by Industries and Geographic Areas: 1963

Geographic area	All industries, total	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Yarn mills, except wool (SIC 2281)	Thread mills (SIC 2284)	Padding and upholstery filling (SIC 2293)	Tire cord and fabric (SIC 2296)	Other industries ¹
United States, total.....	8,467,377	6,149,437	193,939	1,899,157	74,695	13,930	104,423	31,796
New England division.....	199,746	175,254	(b)	(a)	(c)	(b)	-	(b)
Maine.....	(d)	(d)	-	-	-	-	-	-
New Hampshire.....	(d)	(d)	-	-	-	-	-	(a)
Massachusetts.....	(d)	(d)	(b)	(a)	(a)	(b)	-	(a)
Rhode Island.....	(c)	(b)	(a)	-	(b)	-	-	(a)
Connecticut.....	(b)	-	(b)	(a)	(b)	-	-	-
Middle Atlantic division.....	(b)	(a)	(b)	-	(a)	(b)	-	(b)
New York.....	(b)	-	(a)	-	-	(b)	-	(a)
New Jersey.....	(b)	(a)	(a)	-	-	-	-	(b)
Pennsylvania.....	(b)	-	(b)	-	(a)	-	-	(b)
North Central region.....	7,284	-	-	(b)	-	(a)	-	(b)
Illinois.....	(b)	-	-	(b)	-	(a)	-	(b)
South region.....	8,248,349	5,973,901	181,915	1,893,459	62,363	8,456	104,423	23,832
Virginia.....	209,235	209,235	-	-	-	-	-	-
North Carolina.....	2,611,175	1,214,659	69,978	1,290,324	(c)	(b)	(b)	(b)
South Carolina.....	2,582,048	2,337,336	85,692	88,393	(d)	-	(c)	(b)
Georgia.....	1,599,074	1,324,337	(c)	180,916	-	(a)	(d)	-
Kentucky.....	(b)	-	(a)	-	-	-	-	(b)
Tennessee.....	137,805	(d)	-	(d)	-	-	-	-
Alabama.....	908,361	620,080	(c)	276,976	-	-	-	-
Mississippi.....	(d)	(d)	-	-	-	-	-	-
Arkansas.....	23,971	23,971	-	-	-	-	-	-
Texas.....	128,522	112,153	-	(c)	-	(b)	-	-
West region.....	(b)	-	-	-	-	(b)	-	(a)

Note: Individual States are shown where the consumption was over 3 thousand bales. Where the data are withheld to avoid disclosing information for individual companies, a letter symbol has been substituted as follows, to indicate the approximate magnitude of the withheld information:

- (a) Less than 1,000 bales
 (b) 1,000 to 9,999 bales
 (c) 10,000 to 24,999 bales
 (d) 25,000 or more bales.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Excludes data for Industry Group 225-, Knitting Mills and Group 227-, Floor Covering Mills. For these groups information on fiber consumption was not collected.

TABLE 2B. Consumption of Man-Made Fiber Staple, by Industry and Geographic Areas: 1963

Geographic area	All industries, total	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetics (SIC 2221)	Weaving, finishing mills, wool (SIC 2231)	Yarn mills, except wool (SIC 2281)	Wool yarn mills (SIC 2283)	Other industries ¹
United States, total.....	993,423	165,166	344,669	13,525	386,431	39,636	43,996
Northeast region.....	79,999	10,730	13,107	6,170	39,039	5,269	5,684
Maine.....	12,572	(d)	(d)	(c)	-	(a)	-
New Hampshire.....	11,855	-	(d)	(c)	(d)	(c)	(a)
Massachusetts.....	11,216	(d)	(c)	(c)	5,187	(b)	(a)
Connecticut.....	15,340	-	(b)	(a)	(d)	(a)	-
Pennsylvania.....	23,949	-	(c)	(c)	15,734	(b)	(d)
North Central region.....	(b)	-	-	(a)	(a)	(a)	-
South and West regions.....	912,539	154,436	331,562	6,975	347,320	33,934	38,312
Maryland.....	(d)	-	-	(b)	(d)	-	-
Virginia.....	21,916	(d)	(b)	(c)	-	-	(d)
North Carolina.....	399,038	40,099	120,936	(d)	210,634	14,815	(d)
South Carolina.....	278,745	55,299	180,928	(a)	25,713	9,955	(d)
Georgia.....	141,712	41,678	(d)	(a)	67,049	7,273	(d)
Tennessee.....	20,002	-	(d)	(a)	15,285	-	(a)
Alabama.....	38,993	(d)	(d)	(b)	22,162	(c)	-

Note: Individual States are shown where the consumption was over 5 million pounds. Where the data are withheld to avoid disclosing information for individual companies, a letter symbol has been substituted as follows, to indicate the approximate magnitude of the withheld information:

- (a) Under 500,000 pounds
 (b) 500,000-999,000 pounds
 (c) 1,000,000-2,499,000 pounds
 (d) 2,500,000 pounds and over.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Excludes data for Industry Group 225-, Knitting Mills and Group 227-, Floor Covering Mills. For these groups information on fiber consumption was not collected.

**TABLE 2C. Consumption of Linters
(209131) by Type of Consumer:
1963**

Code	Type of consumer and industry	Thousands of pounds ¹
	Total consumption.....	963,161
	Bleachers (industry 2611, part).....	388,711
	Other consumers, total.....	574,450
	Industry:	
2293	Padding and upholstery filling....	194,532
2512	Wood furniture, upholstered.....	63,881
2515	Mattresses and bedsprings.....	243,965
2611	Pulp mills (except bleachers).....	27,182
	Other industries.....	44,890

¹Consumption of linters in running bales is published monthly in Current Industrial Reports Series M22P "Cotton, Man-made Fiber Staple and Linters—Consumption, Stocks, and Spindle Activity."

TABLE 2D. Consumption of Raw Wool by Industries and Geographic Areas: 1963

Geographic area	All industries, total	Weaving mills, synthetics (SIC 2221)	Weaving, finishing mills, wool (SIC 2231)	Wool yarn mills (SIC 2283)	Felt goods, n.e.c. (SIC 2291)	Scouring and combing plants (SIC 2297)	Other industries ¹
United States, total.....	402,031	10,771	183,408	118,857	31,879	45,085	12,031
Northeast region.....	203,692	(a)	104,630	33,014	19,062	(c)	5,062
Maine.....	23,133	(a)	23,021	-	-	-	(a)
New Hampshire.....	21,647	-	20,146	(b)	(a)	-	(a)
Vermont.....	(b)	-	(b)	-	-	-	-
Massachusetts.....	63,461	-	39,606	4,697	1,277	(c)	(a)
Rhode Island.....	(b)	-	(a)	4,001	-	(a)	-
Connecticut.....	12,637	-	8,053	(b)	(b)	-	(b)
New York.....	16,861	-	6,260	5,309	(b)	-	(b)
New Jersey.....	13,126	-	6,401	(a)	(c)	-	(a)
Pennsylvania.....	46,811	-	-	16,155	4,384	23,289	2,983
North Central region.....	24,776	-	4,578	(c)	(c)	-	(a)
Ohio.....	3,538	-	(a)	2,620	-	-	(a)
Illinois.....	11,259	-	(a)	(b)	5,270	-	(a)
Wisconsin.....	7,282	-	1,842	(a)	(c)	-	-
South region.....	165,570	(c)	70,849	77,863	-	-	(c)
Maryland.....	(b)	-	(b)	-	-	-	-
Virginia.....	(c)	-	(c)	-	-	-	(a)
North Carolina.....	33,661	10,607	(b)	16,658	-	-	(b)
South Carolina.....	55,349	(a)	12,889	42,171	-	-	(a)
Georgia.....	41,654	(a)	(c)	17,434	-	-	(a)
Tennessee.....	11,377	-	9,190	-	-	-	2,187
Alabama.....	4,353	-	(a)	(b)	-	-	1,806
West region.....	7,993	-	3,351	(a)	(a)	(b)	(a)
Washington.....	(b)	-	(b)	-	-	-	(a)
Oregon.....	5,027	-	(b)	(a)	-	(b)	-

Note: Individual States are shown where the consumption was over 1 million pounds. Where the data are withheld to avoid disclosing information for individual companies, a letter symbol has been substituted as follows, to indicate the approximate magnitude of the withheld information:

- (a) Less than 1 million pounds
(b) 1 million to 5 million pounds
(c) 5 million pounds or more.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Excludes data for Industry Group 225-, Knitting Mills and Group 227-, Floor Covering Mills. For these groups information of fiber consumption was not collected.

**TABLE 3. Consumption of Broad-Woven Fabrics
(Piece Goods), by Selected Industries: 1963**

Ind. code	Industry and kind of fabric	Estimated total ¹		Reported ¹	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
	All industries listed, total.....	211,789,350	6,049,955	(X)	5,001,428
2211	Weaving mills, cotton.....	427,865	141,376	423,064	139,851
2221	Weaving mills, synthetics.....	38,423	25,213	37,446	24,568
2231	Weaving, finishing mills, wool.....	59,944	111,502	58,804	109,381
2261	Finishing plants, cotton.....	1,398,926	331,842	1,334,214	316,311
2262	Finishing plants, synthetics.....	64,965	34,830	60,349	32,337
2295	Coated fabric, not rubberized.....	341,991	124,655	300,805	109,966
	Cotton fabrics.....	309,637	102,971	272,265	90,838
	Man-made fiber fabrics, including glass.	32,354	21,684	28,540	19,128
2311	Men's and boys' suits and coats.....	227,046	432,981	258,240	403,537
	Suiting and coating piece goods, ex- cluding linings.....	137,206	357,888	127,888	333,568
	All other piece goods, including linings.....	139,840	75,093	130,352	69,969
2321	Men's dress shirts and nightwear.....	897,443	411,607	853,308	391,196
	Suiting and coating piece goods, ex- cluding linings.....	25,022	22,516	23,800	21,416
	All other piece goods, including linings.....	872,421	389,091	829,508	369,780
2322	Men's and boys' underwear.....	70,918	21,533	69,454	21,083
	Suiting and coating piece goods, ex- cluding linings.....	524	691	513	677
	All other piece goods, including linings.....	70,394	20,842	68,941	20,406
2323	Men's and boys' neckwear.....	137,810	44,123	94,644	30,310
2327	Separate trousers.....	347,458	287,531	321,472	265,925
	Suiting and coating piece goods, ex- cluding linings.....	57,397	70,560	52,988	65,137
	All other piece goods, including linings.....	290,061	216,971	268,484	200,788
2328	Work clothing.....	595,814	335,752	577,406	325,438
	Suiting and coating piece goods, ex- cluding linings.....	54,185	35,642	52,466	34,507
	All other piece goods, including linings.....	541,629	300,110	524,940	290,931
2329	Men's and boys' clothing, n.e.c.....	151,140	134,440	137,108	121,996
	Suiting and coating piece goods, ex- cluding linings.....	55,297	64,213	50,180	58,277
	All other piece goods, including linings.....	95,843	70,227	86,928	63,719
2331	Blouses.....	246,581	149,795	204,342	124,272
	Suiting and coating piece goods, ex- cluding linings.....	13,653	11,619	11,342	9,654
	All other piece goods, including linings.....	232,928	138,176	193,000	114,618
2335	Dresses.....	865,050	603,899	665,287	464,119
	Suiting and coating piece goods, ex- cluding linings.....	45,831	48,468	35,182	37,286
	All other piece goods, including linings.....	819,219	555,431	630,105	426,833
2337	Women's suits, coats, and skirts.....	475,892	513,436	380,279	410,501
	Suiting and coating piece goods, ex- cluding linings.....	108,641	278,886	87,013	223,302
	All other piece goods, including linings.....	367,251	234,550	293,266	187,199
2339	Women's outerwear, n.e.c.....	288,253	225,590	268,939	174,369
	Suiting and coating piece goods, ex- cluding linings.....	9,530	14,995	7,377	11,614
	All other piece goods, including linings.....	338,723	210,595	261,562	162,755
2341	Women's and children's underwear.....	451,512	168,171	358,504	133,758
2342	Corsets and allied garments.....	164,502	122,847	142,873	106,625
2361	Children's dresses and blouses.....	232,862	113,824	184,304	90,273
	Suiting and coating piece goods, ex- cluding linings.....	4,231	3,224	3,364	2,565
	All other piece goods, including linings.....	228,631	110,600	180,940	87,708

See footnotes at end of table.

**TABLE 3. Consumption of Broad-Woven Fabrics
(Piece Goods), by Selected Industries: 1963--Continued**

Ind. code	Industry and kinds of fabric	Estimated total ¹		Reported ¹	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
2363	Children's coats and suits.....	50,385	53,584	40,944	43,575
	Suiting and coating piece goods, ex- cluding linings.....	22,124	36,237	17,999	29,471
	All other piece goods, including linings	28,261	17,347	22,945	14,104
2369	Children's outerwear, n.e.c.....	204,200	115,015	184,194	103,609
	Suiting and coating piece goods, ex- cluding linings.....	14,957	12,994	13,132	11,406
	All other piece goods, including linings	189,243	102,021	171,062	92,203
2381	Fabric dress and work gloves.....	58,571	27,256	54,608	25,393
2384	Robes and dressing gowns.....	237,681	123,633	106,605	55,473
2385	Waterproof outer garments.....	123,557	123,540	58,080	58,063
2386	Leather and sheeplined clothing.....	4,295	4,278	3,891	3,874
2387	Apparel belts.....	5,708	3,096	3,834	2,084
2389	Apparel, n.e.c.....	89,080	29,293	64,074	21,041
2391	Curtains and draperies.....	371,676	142,803	285,005	109,535
	Cotton.....	98,832	33,944	75,350	25,960
	Rayon and acetate.....	134,161	57,912	102,827	44,438
	Nylon.....	9,114	2,206	7,035	1,707
	Other broad-woven fabrics.....	129,559	48,741	99,793	37,430
2392	Housefurnishings, n.e.c.....	669,580	230,126	545,088	187,132
	Cotton.....	515,891	169,064	420,261	137,506
	Rayon and acetate.....	86,225	37,144	70,128	30,222
	Nylon.....	12,424	4,647	10,102	3,788
	Other broad-woven fabrics.....	55,040	19,271	44,597	15,616
2393	Textile bags.....	1,309,021	187,977	634,967	89,878
	Cotton.....	289,319	57,396	139,719	27,476
	Other broad-woven fabrics (nylon, etc.)	1,019,702	130,581	495,248	62,402
2394	Canvas products.....	99,814	51,649	68,576	35,379
	Cotton.....	91,614	45,498	62,980	31,181
	Other broad-woven fabrics (rayon and acetate, nylon, etc.).....	8,200	6,151	5,596	4,198
2399	Textile products, n.e.c.....	215,708	62,000	152,927	43,826
	Cotton.....	170,558	35,471	121,053	25,075
	Rayon and acetate.....	6,450	3,604	4,568	2,550
	Nylon.....	32,722	17,426	23,086	12,319
	Other broad-woven fabrics.....	5,978	5,499	4,220	3,882
2512	Wood furniture, upholstered.....	80,808	140,160	66,103	114,689
	Cotton.....	325,051	41,822	320,476	34,181
	Other (rayon, nylon, etc.).....	355,757	98,338	345,627	80,508
2515	Mattresses and bedsprings.....	227,547	141,215	103,995	64,411
	Cotton.....	317,735	23,917	38,064	10,861
	Other (rayon, nylon, etc.).....	10,223	15,823	4,773	7,375
	Ticking (mattress).....	3199,589	101,475	391,158	46,175
3011	Tires and inner tubes.....	424,554	16,989	424,363	16,847
	Cotton.....	49,162	8,170	49,088	8,096
	Rayon.....	44,977	3,363	44,939	3,337
	Nylon.....	43,412	3,178	43,385	3,153
	Other.....	47,003	2,278	46,951	2,261
3021	Rubber footwear.....	433,513	34,338	429,450	30,181
	Cotton.....	431,413	30,780	427,596	27,039
	Nylon.....	4596	764	4525	673
	Other.....	41,504	2,794	41,329	2,469
30319 30698	Reclaimed rubber.....	4103,277	82,358	496,794	77,216
	Rubber products, n.e.c.....				
	Cotton.....				
	Rayon.....				
	Nylon.....				
	Other.....	47,789	8,511	47,270	7,945
3079	Plastics products, n.e.c.....	83,408	35,873	(NA)	29,820
	Cotton fabrics.....	45,122	16,730	37,598	13,946
	Other textile fabrics.....	38,286	19,143	(NA)	15,874
3141	Shoes, except rubber.....	53,718	27,201	47,281	23,918
3142	House slippers.....	7,231	8,403	5,628	6,544
3151	Leather gloves.....	3,388	2,022	2,938	1,752
3161	Luggage.....	15,280	6,270	(NA)	6,065
	Cotton.....	32,288	915	(NA)	884
	Rayon and acetate.....	10,167	3,660	9,704	3,541
	Other broad-woven fabrics.....	32,825	1,695	(NA)	1,640

See footnotes at end of table.

**TABLE 3. Consumption of Broad-Woven Fabrics
(Piece Goods), by Selected Industries: 1963--Continued**

Ind. code	Industry and kind of fabric	Estimated total ¹		Reported ¹	
		Quantity (1,000 lin. yds.)	Cost (\$1,000)	Quantity (1,000 lin. yds.)	Cost (\$1,000)
3171	Handbags and purses.....	15,082	11,398	10,443	7,896
	Cotton.....	3,430	2,157	2,374	1,492
	Rayon and acetate.....	7,913	4,979	5,467	3,438
	Other broad-woven fabrics.....	3,739	4,262	2,602	2,966
3713	Truck and bus bodies.....	53	109	53	109
3717	Motor vehicles and parts.....	10,149	12,642	10,149	12,642
	Cotton.....	4,948	1,395	4,948	1,395
	Other broad-woven fabrics.....	5,201	11,247	5,201	11,247
3721	Aircraft.....	1,518	4,211	1,518	4,211
3729	Aircraft equipment, n.e.c.....	1,285	2,363	1,285	2,363
3842	Surgical appliances and supplies.....	112,680	10,216	97,358	8,905
	Cotton broad-woven fabrics.....	109,946	8,163	94,975	7,115
	Other broad-woven fabrics.....	2,734	2,053	2,383	1,790
3941	Games and toys.....	2,509	1,240	2,509	1,240
3942	Dolls.....	16,626	11,815	11,506	8,180
3943	Children's vehicles.....	1,803	1,026	1,328	755
3949	Sporting and athletic goods.....	21,250	10,909	17,519	9,006

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The columns "Estimated total" include for each industry a proportionate part of the cost of materials that were not specified by kind. The quantity figures were raised proportionately using the unit value reported for the industry (see text). The "Reported" columns show the data as reported and published in table 7 of the Industry Reports for the specific industry prior to the adjustment for the cost of materials not specified by kind.

²Total quantity includes data for industries 3011, 3021, 3031, and 3069 in pounds. The total yardage figure is consequently understated because the fabric consumed in those industries probably exceeded one yard per pound.

³Estimated or partially estimated, based on unit value reported for other industries (see text).

⁴Quantity data for industries 3011, 3021, 3031, and 3069 were collected and are shown in pounds rather than linear yards. Data exclude tire cord consumption.

TABLE 4A. Summary of the Production of Cotton Broad-Woven Goods: First Quarters 1963 and 1958; and Annual Totals for 1954, 1947, and 1939

Product	First quarter		1954	1947	1939
	1963	1958			
COTTON BROAD-WOVEN FABRICS (GRAY GOODS), TOTAL:					
Linear yards.....	^r 2,247,148	2,341,189	9,890,948	9,824,058	8,287,250
Square yards.....	2,752,483	2,736,568	(NA)	10,822,170	8,836,089
Pounds.....	791,427	757,061	3,133,079	2,973,043	2,315,504
Square yards per linear yards.....	1.22	1.17	(NA)	1.10	1.07
Linear yards per pound.....	2.84	3.09	3.16	3.30	3.58
Square yards per pound.....	3.48	3.61	(NA)	3.64	3.82
Cotton duck and allied fabrics (including combed duck):					
Linear yards.....	54,298	52,114	239,819	206,415	173,979
Square yards.....	67,252	59,956	(NA)	235,720	184,448
Pounds.....	44,143	41,665	195,212	188,333	142,102
Square yards per linear yard.....	1.24	1.15	(NA)	1.14	1.06
Linear yards per pound.....	1.23	1.25	1.23	1.10	1.22
Square yards per pound.....	1.52	1.44	(NA)	1.25	1.30
Cotton sheetings and allied coarse and medium yarn fabrics:					
Linear yards.....	^r 608,023	591,429	2,493,582	3,038,975	2,142,508
Square yards.....	818,912	764,811	(NA)	3,612,383	2,589,570
Pounds.....	261,980	244,622	1,004,321	1,100,005	750,972
Square yards per linear yard.....	1.35	1.29	(NA)	1.19	1.21
Linear yards per pound.....	2.32	2.42	2.48	2.76	2.85
Square yards per pound.....	3.13	3.13	(NA)	3.28	3.45
Print cloth yarn fabrics (carded yarns approximately 28s to 42s):					
Linear yards.....	^r 763,591	893,242	4,039,169	3,299,025	¹ 2,999,356
Square yards.....	888,196	999,610	(NA)	3,479,403	¹³ 3,140,234
Pounds.....	144,004	155,244	702,467	496,395	¹ 494,774
Square yards per linear yard.....	1.16	1.12	(NA)	1.08	1.05
Linear yards per pound.....	5.30	5.75	5.75	6.50	6.06
Square yards per pound.....	6.17	6.44	(NA)	7.01	6.35
Colored yarn fabrics ,average carded yarns coarser than 35s):					
Linear yards.....	114,421	123,948	738,617	751,749	² 683,659
Square yards.....	124,521	130,232	(NA)	707,269	² 626,189
Pounds.....	64,976	64,565	325,825	304,537	² 270,674
Square yards per linear yard.....	1.09	1.05	(NA)	.94	.92
Linear yards per pound.....	1.76	1.92	2.27	2.47	2.53
Square yards per pound.....	1.92	2.02	(NA)	2.32	2.31
Towels, towelings, and dishcloths:					
Linear yards.....	151,093	131,290	455,088	408,606	³ 482,641
Square yards.....	90,827	77,885	(NA)	252,243	³ 245,035
Pounds.....	55,764	45,276	155,590	127,069	³ 114,144
Square yards per linear yard.....	.60	.59	(NA)	.62	.51
Linear yards per pound.....	2.71	2.90	2.92	3.22	4.23
Square yards per pound.....	1.63	1.72	(NA)	1.99	2.15
Napped fabrics, blankets and blanketing:					
Linear yards.....	^r 41,556	52,620	233,143	509,682	451,414
Square yards.....	52,165	61,719	(NA)	597,884	542,022
Pounds.....	18,215	21,716	102,213	206,547	179,827
Square yards per linear yard.....	1.26	1.17	(NA)	1.17	1.20
Linear yards per pound.....	2.28	2.42	2.28	2.47	2.51
Square yards per pound.....	2.86	2.84	(NA)	2.89	3.01
Fine cotton fabrics (combed, part combed, and fine carded; average carded yarn finer than 35s):					
Linear yards.....	^r 403,802	376,265	1,244,336	1,312,582	⁴ 1,036,206
Square yards.....	553,204	482,565	(NA)	1,470,379	⁴ 1,106,115
Pounds.....	136,486	116,648	355,183	298,138	⁴ 178,712
Square yards per linear yard.....	1.37	1.28	(NA)	1.12	1.07
Linear yards per pound.....	2.96	3.23	3.50	4.40	5.80
Square yards per pound.....	4.05	4.14	(NA)	4.93	6.19
Other woven cotton fabrics and specialties:					
Linear yards.....	110,364	120,281	447,194	367,024	317,487
Square yards.....	157,406	159,790	(NA)	466,889	402,476
Pounds.....	65,859	67,325	292,268	252,019	184,299
Square yards per linear yard.....	1.43	1.33	(NA)	1.27	1.27
Linear yards per pound.....	1.68	1.79	1.53	1.46	1.72
Square yards per pound.....	2.39	2.37	(NA)	1.85	2.18

Standard Note: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Revised.

²In 1939, the following fabric groups were excluded from the category "Print cloth yarn fabrics" and included with "Other woven fabrics and specialties," window shade cloth, gauze diaper cloth, bandage and cheese cloth, and carded poplins.

³In 1939 whip cords and bedford cords were excluded from "Colored yarn fabrics" and included with "Other woven fabrics and specialties."

⁴In 1939 scrub and wiping cloths are included with "Towels, towelings, and dishcloth fabrics." In later years the fabrics were included in "Other woven fabrics and specialties;" and in 1963 are included in "Sheetings and allied coarse and medium yarn fabrics."

⁵In 1939 carded cotton-and-rayon fabrics, except suitings are included with "Other woven fabrics and specialties."

TABLE 4B. Production of Cotton Broad-Woven Goods: First Quarters 1963 and 1958

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	COTTON BROAD-WOVEN FABRICS (GRAY GOODS), TOTAL.....	2,247,148	2,752,483	791,427	2,341,189	2,736,568	757,061	1.22	2.84	1.17	3.09
	Duck and allied fabrics (including combed duck)	54,298	67,252	44,143	52,114	59,956	41,665	1.24	1.23	1.15	1.25
	Once duck:										
	Army duck (including shoe duck, wide army duck and plied warp and filling awning stripes):										
1001	28-1/2" 8 oz. basic weight - all widths..	4,599	4,859	2,872	5,106	4,810	3,039	1.06	1.60	.94	1.68
1006	28-1/2" 10 and 12 oz. basic weight - all widths.....	526	539	415	1,082	1,017	755	1.02	1.27	.94	1.43
1011	All other army duck constructions including shelter tent.....	5,470	6,149	3,537	3,319	3,930	2,181	1.12	1.55	1.18	1.52
	Flat duck (including enameling duck and single yarn awning stripes):										
	Single filling:										
1016	29" 8 oz. basic weight - all widths....	3,374	3,511	1,957	4,886	4,818	2,803	1.04	1.72	.99	1.74
1021	29" 10 and 12 oz. basic weight - all widths.....	2,748	3,110	2,514	2,836	3,063	2,410	1.13	1.09	1.08	1.18
1032	All other single filling flat duck constructions.....	12,915	16,877	8,121	17,206	20,578	10,353	1.31	1.59	1.20	1.66
	Double filling:										
1046	38" 8 oz. basic weight - all widths....	3,597	4,012	1,916	4,658	4,979	2,507	1.12	1.88	1.07	1.86
1052	All other double filling duck constructions.....	7,571	9,810	4,878	4,249	5,214	2,806	1.30	1.55	1.23	1.51
	Number duck (including narrow, sail, wide, and naught):										
1071	Numbers 5 to 8 inclusive wider than 24"....	1,499	1,941	2,358	2,151	2,674	3,299	1.29	.64	1.24	.65
1076	Numbers 9 to 12 inclusive wider than 24"....	1,519	1,959	1,732	1,504	1,967	1,755	1.29	.88	1.31	.86
1081	Paper felts.....	83	407	1,413	78	312	1,114	4.90	.06	4.00	.07
1082	Other numbered ducks.....	620	746	1,188	649	721	1,080	1.20	.52	1.11	.60
1086	Hose and belting ducks.....	3,905	5,500	6,627	3,497	4,924	6,589	1.41	.59	1.41	.53
1092	Filter twill and chain cloth.....	632	652	711	893	949	974	1.03	.89	1.06	.92
1093	Single and plied yarn chafer ducks (except chafer fabrics for tires).....	1,742	2,304	1,463	(¹)	(¹)	(¹)	1.32	1.19	(¹)	(¹)
1097	Miscellaneous ducks and allied fabrics.....	3,498	4,876	2,441	(¹)	(¹)	(¹)	1.39	1.43	(¹)	(¹)
	Sheeting and allied coarse and medium yarn fabrics.....	608,023	818,912	261,980	591,429	764,811	244,622	1.35	2.32	1.29	2.42
	Osnaburgs (single yarn - clean, tinged and part waste - all widths):										
1200	40" - 40 x 28 - 2.05 and 38 or 40 x 24 to 26 - 2.11 yard.....	772	858	366	2,228	2,464	1,054	1.11	2.11	1.11	2.11
1202	40" - 32 x 28 - 3.55 and 26 or 32 x 24 to 26 - 3.65 yard.....	3,328	3,697	916	2,896	3,183	822	1.11	3.63	1.10	3.52
1203	Soft filled osnaburgs for industrial wiping fabrics and cloths.....	8,886	9,175	3,263	29,640	27,413	22,595	1.03	2.72	2.77	23.72
	All other osnaburg constructions:										
1207	Under 42" wide.....	26,854	24,916	8,338	22,524	21,916	27,815	.93	3.22	2.97	22.88
1208	42" and wider.....	21,247	31,530	10,154	8,928	14,776	4,979	1.48	2.09	1.66	1.79
	Sheetings:										
	Soft filled sheeting for napping:										
1215	Under 48" wide.....	76,771	38,969	23,786	80,016	89,458	23,342	1.16	3.23	1.12	3.43
1216	48" and wider.....	6,402	9,541	2,579	2,647	4,418	1,010	1.49	2.48	1.67	2.62
	Class A (average yarn numbers up to 15s inclusive):										
1220	40" - 48 x 48 and 48 x 44 - 2.85 yard....	5,126	5,688	1,800	4,617	5,129	1,633	1.11	2.85	1.11	2.83
1222	36" - 48 x 48 and 48 x 44 - 2.85 yard....	12,412	12,433	4,349	10,186	10,186	3,577	1.00	2.85	1.00	2.85
	All other class "A" constructions:										
1223	Under 48" wide.....	10,416	12,004	4,082	16,123	18,574	5,947	1.15	2.55	1.15	2.71
1224	48" and wider, excluding bed sheeting..	8,905	15,934	3,988	7,263	11,650	3,517	1.79	2.23	1.60	2.07
	Class B (average yarn numbers, 16s to 21s inclusive):										
1228	40" - 48 x 44 and 48 x 40 - 3.25 yard....	(D)	(D)	(D)	1,082	1,200	335	(D)	(D)	1.11	3.23
1230	40" - 48 x 44 and 48 x 40 - 3.75 yard....	8,474	9,415	2,255	10,568	11,720	2,823	1.11	3.76	1.11	3.74
1240	40" - 44 x 40 - 4.25 yard.....	5,007	5,564	1,180	10,885	12,082	2,564	1.11	4.24	1.11	4.25
1242	37" - 48 x 48 and 48 x 44 - 4.00 yard....	3,345	3,438	837	6,972	7,153	1,758	1.03	4.00	1.03	3.97
1244	31" - 48 x 48 and 48 x 44 - 5.00 yard....	(D)	(D)	(D)	8,070	6,908	1,613	(D)	(D)	.86	5.00

See footnotes at end of table.

TABLE 4B. Production of Cotton Broad-Woven Goods: First Quarters
1963 and 1958-Continued

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	Sheeting and allied coarse and medium yarn fabrics—Continued										
	Sheetings—Continued										
	Class B (average yarn numbers, 16s to 21s inclusive)—Continued										
	All other Class "B" constructions:										
1243	Under 48" wide.....	11,978	12,374	3,272	10,408	11,293	2,660	1.03	3.66	1.09	3.91
1245	48" and wider, excluding bed sheeting...	5,843	9,181	2,584	5,287	8,385	2,731	1.57	2.26	1.59	1.94
	Class C (average yarn number above 21s):										
1248	40" - 64 x 68 and 64 x 64 - 3.15 yard....	1,958	2,174	622	2,849	3,162	908	1.11	3.15	1.11	3.14
1250	40" - 60 x 56/60 x 52 and 56 x 60/56 x 56 - 3.60 yard.....	2,043	2,276	569	4,847	5,380	1,347	1.11	3.59	1.11	3.60
1252	40" x 56 x 48 - 4.30 yard.....	6,392	7,100	1,491	5,293	5,870	1,230	1.11	4.29	1.11	4.30
1256	36" - 60 x 56/60 x 52 and 56 x 60/56 x 56 - 4.00 yard.....	(D)	(D)	(D)	1,014	1,014	254	(D)	(D)	1.00	3.99
1258	36" - 48 x 44/48 x 40 and 44 x 44/44 x 40 - 5.50 yard.....	-	-	-	815	815	151	-	-	1.00	5.40
1260	36" - 44 x 40 and 40 x 40 - 6.05 to 6.15 yard.....	(D)	(D)	(D)	1,100	1,100	178	(D)	(D)	1.00	6.18
	All other class "C" constructions:										
1261	Under 48" wide.....	29,382	33,980	6,944	39,724	45,047	8,636	1.16	4.23	1.13	4.60
1263	48" and wider, excluding bed sheeting...	24,788	43,949	8,219	21,606	38,804	7,128	1.77	3.02	1.80	3.03
1264	Carded poplins.....	11,992	15,754	5,692	13,770	16,923	6,617	1.31	2.11	1.23	2.08
1268	Three leaf herringbone twills (except jeans)..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Drills:										
1901	30" - 2.50 - all counts.....	1,088	907	439	1,140	945	449	.83	2.48	.83	2.54
1903	All other drills, 36" and narrower.....	4,444	4,158	1,629	6,143	5,707	2,295	.94	2.73	.93	2.68
	Drills over 36" but under 48":										
1905	39" - 1.90 - 2.00 and pro-rata widths.....	10,585	11,697	5,411	14,027	15,598	6,975	1.11	1.96	1.11	2.01
1907	All other drills, over 36" but under 48"...	22,637	25,668	9,342	21,280	23,514	9,228	1.13	2.42	1.11	2.31
	Drills 48" and wider:										
1909	59" - 1.85 - 2.25 and pro-rata widths.....	5,920	9,686	3,032	5,319	8,553	2,725	1.64	1.95	1.61	1.95
1911	All other drills over 48" wide.....	6,168	9,685	3,766	2,230	3,546	1,215	1.57	1.64	1.59	1.84
	Jeans (plain and herringbone):										
1915	Under 36" wide.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1917	38/39" - 96 x 64 - 2.85 and pro-rata widths to 40".....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1919	All other jeans, 36" and wider.....	8,360	9,749	3,271	6,882	8,018	2,585	1.17	2.56	1.17	2.66
	Three leaf pocketing twills and silesias (sheeting yarns):										
1921	Under 40" wide.....	8,531	9,234	2,958	6,952	7,522	2,191	1.08	2.88	1.08	3.17
1923	40" and wider.....	12,588	16,082	5,017	3,445	4,396	1,280	1.28	2.51	1.28	2.69
	Four leaf twill fabrics:										
	95/120 sley x 48/60 pick - under 58":										
1931	44" 1.30 - 1.49 and pro-rata widths.....	22,691	27,942	16,345	19,878	23,893	13,737	1.23	1.39	1.20	1.45
1933	44" 1.50 - 1.89 and pro-rata widths.....	10,687	13,322	6,024	15,243	18,505	9,111	1.25	1.77	1.21	1.67
1935	44" 1.90 and lighter.....	8,784	10,821	4,259	8,037	9,821	3,816	1.23	2.06	1.22	2.11
1939	86/90 sley x 40/44 pick - under 48".....	3,259	3,722	1,635	(D)	(D)	(D)	1.14	1.99	(D)	(D)
1947	Four leaf herringbone twills.....	7,718	9,637	4,452	5,985	7,487	3,679	1.25	1.73	1.25	1.63
	All other four leaf twills:										
1949	Under 48" wide.....	15,325	18,687	9,184	14,139	16,741	7,521	1.22	1.67	1.18	1.88
1951	48" and wider.....	4,732	7,363	3,790	4,814	7,365	4,132	1.56	1.25	1.53	1.16
	Sateens (sheeting yarns):										
1953	Under 48" wide.....	17,981	22,343	10,071	41,581	51,269	22,734	1.24	1.79	1.23	1.83
1955	48" and wider.....	6,215	9,326	3,728	4,378	6,501	3,182	1.50	1.67	1.49	1.38
1287	Gabardines and cavalry twills (carded).....	(D)	(D)	(D)	1,366	1,709	955	(D)	(D)	1.25	1.43
1288	Birdseye diaper cloth.....	20,863	17,628	3,856	18,070	14,601	3,265	.84	5.41	.81	5.53
	Bed sheeting (42" and wider):										
	Muslin and carded percales:										
1291	Sley of more than 64 including carded percales.....	18,284	36,938	11,217	16,268	33,431	10,626	2.02	1.63	2.06	1.53
1294	64 sley.....	64,613	137,043	39,251	44,385	93,475	26,690	2.12	1.65	2.11	1.66
1296	Sley of less than 64.....				8,674	17,660	3,937			2.04	2.20
1297	Bedford cords (no colored yarn).....	3,914	4,858	2,786	(3)	(3)	(3)	1.24	1.40	(3)	(3)
1298	Pillow and industrial tubing.....	2,211	2,840	946	(D)	(D)	(D)	1.28	2.34	(D)	(D)
1299	All other sheeting yarn fabrics.....	13,571	23,887	6,751	6,355	11,503	2,055	1.76	2.01	1.81	3.09

See footnotes at end of table.

**TABLE 4B. Production of Cotton Broad-Woven Goods: First Quarters
1963 and 1958-Continued**

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	Print cloth yarn fabrics (carded yarns approximately 28s to 42s).....	763,591	888,196	144,004	893,242	996,610	155,244	1.16	5.30	1.12	5.75
1302	Window shade cloth.....	15,503	19,170	3,101	21,888	27,360	4,198	1.24	5.00	1.25	5.21
	Plain print cloths (total threads per square inch 180 to 100):										
1304	45" - 64 x 56 - 4.75 yard.....	8,749	10,935	1,855	11,244	14,055	2,368	1.25	4.72	1.25	4.75
1305	45" - 60 x 48 - 5.35 yard.....	8,845	11,057	1,654	14,119	17,635	2,673	1.25	5.35	1.25	5.28
1307	39" - 80 x 80 - 4.00 yard.....	10,000	10,841	2,503	75,113	81,573	18,816	1.08	4.00	1.09	3.99
1308	Closely related subcounts of 39" - 80 x 80 - 4.00 yard.....	64,585	72,990	15,790	52,642	65,171	12,868	1.13	4.09	1.24	4.09
1310	39" - 68 x 72 - 4.75 yard.....	9,624	10,536	2,026	26,865	29,095	5,695	1.09	4.75	1.08	4.72
1318	38-1/2" - 64 x 60 - 5.35 yard.....	5,505	5,877	1,029	8,467	9,051	1,583	1.07	5.35	1.07	5.35
1322	38-1/2" - 64 x 56 - 5.60 yard.....	2,530	2,703	456	6,763	7,230	1,225	1.07	5.55	1.07	5.52
1326	38-1/2" - 60 x 48 - 6.25 yard.....	6,328	6,768	1,016	10,254	11,054	1,704	1.07	6.23	1.08	6.02
	All other constructions:										
1331	Under 36" wide.....	4,794	4,044	1,067	8,213	6,020	1,218	.84	4.49	.73	6.74
1333	36" wide but under 42".....	100,772	108,896	21,791	114,139	126,466	25,500	1.08	4.62	1.11	4.48
1335	42" and wider.....	96,999	132,169	25,657	60,913	77,908	14,541	1.36	3.78	1.28	4.19
	Fancy print cloths:										
1342	Gauze diaper cloth.....	16,886	19,186	4,768	13,859	15,605	3,932	1.14	3.54	1.13	3.53
1347	All other fancy print cloth including pajama checks.....	7,530	9,188	2,752	4,894	5,305	1,209	1.22	2.74	1.08	4.05
1350	Bandage cloth (total threads per square inch 99 to 72) all constructions.....	38,147	43,824	4,857	27,895	31,270	3,542	1.15	7.85	1.12	7.88
	Tobacco and cheesecloth (total threads per square inch 71 and under):										
1354	All widths 20 x 12 construction.....	106,249	118,167	5,533	109,211	117,948	5,225	1.11	19.20	1.08	20.90
1358	All widths 17/18 sley x 12/14 pick.....	3,545	3,863	179	19,820	21,406	879	1.09	19.80	1.08	23.61
1362	All other constructions.....	119,204	129,937	7,259	163,890	175,690	9,462	1.09	16.42	1.07	17.32
	Carded broadcloths - all widths:										
1365	109 x 58.....	(D)	(D)	(D)	27,338	30,755	8,304	(D)	(D)	1.13	3.29
1367	98/100 x 58/60.....	33,176	40,798	10,009	51,891	57,236	13,663	1.23	3.31	1.10	3.80
1369	80 x 56/60.....	(D)	(D)	(D)	13,508	15,264	3,131	(D)	(D)	1.13	4.31
1371	All other carded broadcloth constructions (including slub yarns).....	46,072	54,271	12,553	34,216	37,843	8,910	1.18	3.67	1.11	3.84
1378	Carded poplins (print cloth including slub yarns).....	11,276	13,976	3,994	7,336	8,180	2,216	1.24	2.82	1.12	3.31
1382	Three leaf twills (print cloth yarns).....	12,416	14,587	3,252	6,429	7,130	1,515	1.17	3.82	1.11	4.24
1386	All other print cloth yarn constructions.....	15,084	19,259	4,455	2,335	3,360	907	1.28	3.39	1.44	2.57
	Colored yarn fabrics (average carded yarns coarser than 35s).....	114,421	124,521	64,976	123,948	130,232	64,565	1.09	1.76	1.05	1.92
	Denims, clothing (basis 28" width):										
1401	1.60 yard and 2.00 yard.....	25,257	24,881	18,473	28,025	27,100	19,667	.99	1.37	.97	1.43
1406	2.20 yard.....	12,534	12,484	7,457	18,274	16,118	9,543	1.00	1.68	.88	1.92
1411	2.45 yard and 3.00 yard.....	6,143	6,054	2,987	10,703	10,061	4,905	.99	2.06	.94	2.18
1416	All other clothing denims.....	23,240	25,092	15,238	12,905	13,331	7,102	1.08	1.53	1.03	1.82
1422	Cottonades, suiting coverts, pin stripes, pin checks, hickory stripes, etc.....	5,173	5,825	2,869	6,203	6,805	3,456	1.13	1.80	1.10	1.80
1432	Whipcords, bedford cords, shirting coverts (twill and plain weave).....	(D)	(D)	(D)	2,495	2,530	1,235	(D)	(D)	1.01	2.02
	Chambrays and colored yarn shirtings (carded yarns):										
1441	36" - 3.90 yard.....	(D)	(D)	(D)	6,892	6,906	1,901	(D)	(D)	1.00	3.63
1446	All other carded yarn chambrays and shirtings.....	(D)	(D)	(D)	6,660	7,106	2,142	(D)	(D)	1.07	3.11
1453	Ginghams (except combed, part combed and fine carded).....	(D)	(D)	(D)	46,525	47,979	42,048	(D)	(D)	41.22	43.19
	All other carded suiting woven with colored yarns:										
1461	All cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1467	Cotton and rayon and/or acetate, and cotton and wool mixtures (51% or more cotton).....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1472	Bed tickings, woven, all constructions.....	14,723	21,426	7,699	18,975	25,389	9,982	1.46	1.91	1.34	1.90
	Towels, toweling and dishcloths.....	151,093	90,827	55,764	131,290	77,885	45,276	.60	2.71	.59	2.90
1510	Turkish and terry woven (including washcloths and bathmats).....	98,009	65,796	46,026	77,552	53,046	35,283	.67	2.13	.68	2.22
1532	All cut mark or border towels other than terry	17,512	9,599	3,482	515,386	56,277	52,781	.55	5.03	5.41	5.53
1535	Cabinet and other continuous length toweling other than terry.....	35,572	15,432	6,256	638,352	618,562	67,212	.43	5.69	6.48	65.32

See footnotes at end of table.

**TABLE 4B. Production of Cotton Broad-Woven Goods: First Quarters
1963 and 1958-Continued**

Refer- ence list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	Napped fabrics, blankets and blanketing.....	41,556	52,165	18,215	52,620	61,719	21,716	1.26	2.28	1.17	2.42
1602	Crib blanketing, all cotton and chiefly cotton	1,906	3,792	1,431	3,633	4,538	1,932	1.99	1.33	1.25	1.88
	Blanketing other than crib:										
1609	100% cotton.....	(D)	(D)	(D)	6,009	11,826	3,749	(D)	(D)	1.97	1.60
1611	Cotton blends, chiefly cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1652	Outing flannel.....	15,857	16,291	3,723	24,239	24,263	5,762	1.03	4.26	1.00	4.21
1660	Work shirt flannels.....	-	-	-	(D)	(D)	(D)	-	-	(D)	(D)
1666	Cotton flannels.....	11,002	11,235	6,042	11,188	11,043	6,562	1.02	1.82	.99	1.71
1672	Interlining flannel.....	2,538	2,862	885	(D)	(D)	(D)	1.13	2.87	(D)	(D)
1689	All other napped fabrics (except blankets)....	4,286	6,094	2,238	4,452	5,610	2,086	1.42	1.92	1.26	2.13
	Fine cotton fabrics (combed, part combed, and fine carded: average carded yarn finer than 35s	403,802	553,204	136,486	376,265	482,565	116,648	1.37	2.96	1.28	3.23
	Combed and part combed:										
	Broadcloths (combed and part combed):										
1802	40" 136 x 60.....	(D)	(D)	(D)	18,828	20,899	5,223	(D)	(D)	1.11	3.61
1808	All other combed and part combed broadcloth.....	(D)	(D)	(D)	46,892	57,724	14,545	(D)	(D)	1.23	3.22
1813	Dimities and fancy handkerchief fabrics.....	4,028	4,318	592	7,839	7,776	7,288	1.07	6.80	7.99	76.09
	Lawns and organdies:										
1820	40" 88 x 80 - 6.90 yard.....	5,123	5,691	746	34,349	38,437	5,074	1.11	6.87	1.12	6.77
1826	All other combed and part combed lawns....	36,763	45,653	6,678	15,031	17,135	2,035	1.24	5.51	1.14	7.39
1829	Marquisettes.....	(D)	(D)	(D)	1,025	1,226	196	(D)	(D)	1.20	5.23
1837	Oxfords (natural combed).....	18,687	23,487	5,831	7,930	7,280	7,145	1.26	3.20	71.14	73.16
1839	Piques.....	(D)	(D)	(D)	7,312	7,645	7,777	(D)	(D)	71.14	72.98
1842	Poplins.....	6,249	7,786	2,744	9,192	11,334	3,724	1.25	2.28	1.23	2.47
1844	Sateens.....	17,643	20,732	6,062	24,306	28,632	10,325	1.18	2.91	1.18	2.35
	Sheetings:										
1851	200 count.....	1,634	3,451	951	37,714	77,729	20,530	2.11	1.72	2.06	1.84
1859	Other constructions.....	52,118	109,103	28,410				22.09	1.83		
1863	Twills.....	15,030	18,887	9,453	8,912	11,318	5,197	1.26	1.59	1.27	1.72
1870	Typewriter ribbon, cloth.....	8517	8646	121	807	901	163	81.25	84.27	1.12	4.94
1872	Voiles.....	883	1,035	168	4,095	4,668	495	1.17	5.26	1.14	8.27
1874	Ginghams.....	56,368	70,883	14,811	46,253	57,076	12,230	1.26	3.81	1.23	3.78
1876	Seersuckers.....	7,391	9,547	2,584	2,382	2,611	674	1.29	2.86	1.10	3.53
1871	Colored yarn shirtings and dress goods, n.e.c.....	36,418	45,978	10,348	730,849	736,402	77,778	1.26	3.52	71.18	73.97
1878	Combed cotton and rayon and/or acetate fabrics, except suitings.....	27,259	36,665	9,381	6,679	8,723	1,875	1.35	2.91	1.31	3.56
1873	All other combed and part combed fabrics....	28,364	36,686	8,931	756,536	770,444	717,111	1.29	3.18	71.25	73.30
	Fine carded:										
1881	Dimities and fancy handkerchief fabrics.....	(D)	(D)	(D)	(7)	(7)	(7)	(D)	(D)	(7)	(7)
1883	Oxfords, fine carded.....	(D)	(D)	(D)	(7)	(7)	(7)	(D)	(D)	(7)	(7)
1885	Piques.....	(D)	(D)	(D)	(7)	(7)	(7)	(D)	(D)	(7)	(7)
1846	Sateens, carded (average finer than 35s)....	9,983	13,330	3,131	11,101	14,032	3,640	1.34	3.19	1.26	3.05
1887	Colored yarn shirtings and dress good, n.e.c.....	(D)	(D)	(D)	(7)	(7)	(7)	(D)	(D)	(7)	(7)
1877	Fine carded cotton and rayon and/or acetate fabrics except suitings.....	9,892	11,551	2,611	1,233	1,573	623	1.17	3.79	1.28	1.98
1889	All other fine carded fabrics (average carded yarns finer than 35s) (state kind)..	2,423	3,198	915	(7)	(7)	(7)	1.32	2.65	(7)	(7)
	Other woven cotton fabrics and specialties.....	110,364	157,406	65,859	120,281	159,790	67,325	1.43	1.68	1.33	1.79
	Bedsread fabrics - woven style - all cotton or cotton warp:										
1702	Bedsreads, Jacquard-woven.....	3,252	8,076	3,523	3,142	7,478	3,464	2.48	.92	2.38	.91
1706	Bedsreads, not Jacquard-woven.....	84,537	811,914	85,206	4,061	9,044	3,931	82.63	8.87	2.23	1.03
	Drapery, upholstery and tapestry fabrics (all cotton and chiefly cotton):										
1711	Jacquard-woven (including combed).....	10,080	14,012	7,654	7,312	10,507	6,320	1.39	1.32	1.44	1.16
	Other than Jacquard-woven (including combed):										
1715	Colored yarn fabrics.....	3,779	5,349	2,442	5,047	7,096	4,051	1.42	1.55	1.41	1.25
1729	Without colored yarn.....	18,067	24,470	11,355	31,961	40,207	16,373	1.35	1.59	1.26	1.95

See footnotes at end of table.

**TABLE 4B. Production of Cotton Broad-Woven Goods: First Quarters
1963 and 1958 -Continued**

Refer- ence list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	Other woven cotton fabrics and specialties— Continued										
	Corduroys:										
1741	Women's wear weights.....	28,857	36,731	15,305	24,512	28,851	13,264	1.27	1.89	1.18	1.85
1748	Men's wear weights 36" 12 to 13 ounce.....	4,326	5,394	3,249	2,708	3,009	2,025	1.25	1.33	1.11	1.34
1752	All other men's wear corduroys.....	6,642	8,335	4,198	2,729	3,269	1,731	1.25	1.58	1.20	1.58
1753	Velveteens.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Velvets, plushes and other pile fabrics (including combed):										
1757	All cotton.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1759	Cotton mixtures (51% or more cotton).....	⁸ 2,307	⁸ 3,351	⁸ 2,222	4,718	6,652	2,507	⁸ 1.45	⁸ 1.04	1.41	1.88
1764	Table damask, cloths, covers, and napkins.....	4,992	6,483	2,761	4,476	4,704	2,138	1.30	1.81	1.05	2.09
1770	Elastic fabrics.....	(D)	(D)	(D)	1,340	1,832	1,267	(D)	(D)	1.37	1.06
1772	Cotton and wool mixtures containing 25% up to 50% wool, reprocessed wool, or reused wool not included above.....	(D)	(D)	(D)	387	707	300	(D)	(D)	1.83	1.29
1773	All other carded cotton fabrics over 12" wide.	21,733	31,201	6,833	16,740	27,320	6,397	1.44	3.18	1.63	2.62
1096	Laundry netting.....	(⁹)	(⁹)	(D)	(⁹)	(⁹)	516	(⁹)	(⁹)	(⁹)	(⁹)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Data for previous years are not available because of fabric reclassification.

²Data for previous years not completely comparable because of fabric reclassification.

³Prior to 1961 separate data were not collected for Bedford cords (no colored yarn). The production of such fabrics were included in code 1299.

⁴Includes seersuckers (except combed, part combed and fine corded).

⁵For 1958 and earlier years, the fabric was defined as "Huck, damask, and Jacquard-woven (other than terry)".

⁶For 1958 and earlier years, the fabric was defined as "Dishtowels, dishclothes, and other twill and plain woven towels (including all cotton and chiefly cotton)".

⁷Prior to 1963, code 1881 is included in code 1813; code 1883 is included in code 1837; code 1885 is included in code 1839; code 1887 is included in code 1871; and code 1889 is included in code 1873.

⁸Includes estimates of 25 percent or more for companies whose reports were not received in time for tabulation.

⁹Laundry netting is only reported in thousands of pounds. Data are not included in any totals.

TABLE 4C. Summary of the Production of Man-Made Fiber and Silk Broad-Woven Goods: First Quarters 1963 and 1958; and Annual Totals for 1954, 1947, and 1939

(In thousands)

Product	First quarter		1954	1947 ¹	1939
	1963	1958			
MAN-MADE FIBER AND SILK FABRICS, TOTAL:					
Linear yards.....	743,826	573,543	2,342,860	2,038,508	1,410,097
Square yards.....	1,024,583	778,737	(NA)	2,478,641	(NA)
Pounds.....	266,777	180,941	742,412	589,624	346,899
Square yards per linear yard.....	1.38	1.36	(NA)	1.22	(NA)
Linear yards per pound.....	2.79	3.17	3.16	3.46	4.06
Square yards per pound.....	3.84	4.30	(NA)	4.20	(NA)
Rayon and/or acetate fabrics:					
Linear yards.....	413,779	385,239	1,730,904	1,976,835	1,341,302
Square yards.....	559,856	518,110	(NA)	2,408,736	(NA)
Pounds.....	163,607	136,260	610,507	567,450	334,567
Square yards per linear yard.....	1.35	1.34	(NA)	1.22	(NA)
Linear yards per pound.....	2.53	2.83	2.84	3.48	4.01
Square yards per pound.....	3.42	3.80	(NA)	4.24	(NA)
Pile, upholstery, drapery, and tie fabrics:					
Linear yards.....	63,558	33,479	87,906	57,060	33,791
Square yards.....	84,291	45,394	(NA)	64,789	(NA)
Pounds.....	35,951	22,203	59,088	28,241	9,050
Square yards per linear yard.....	1.33	1.36	(NA)	1.14	(NA)
Linear yards per pound.....	1.77	1.51	1.49	2.02	3.73
Square yards per pound.....	2.34	2.04	(NA)	2.29	(NA)
Blanketing:					
Linear yards.....	14,242	10,118	(2)	(2)	(2)
Square yards.....	28,490	20,580	(2)	(2)	(2)
Pounds.....	14,494	12,161	(2)	(2)	(2)
Square yards per linear yard.....	2.00	2.03	(NA)	(NA)	(NA)
Linear yards per pound.....	.98	.83	(NA)	(NA)	(NA)
Square yards per pound.....	1.97	1.69	(NA)	(NA)	(NA)
100 percent filament rayon and/or acetate fabrics (except pile, upholstery, tie, and blanketing):					
Linear yards.....	165,633	171,322	848,310	1,236,805	998,075
Square yards.....	211,355	227,390	(NA)	1,520,652	(NA)
Pounds.....	40,743	40,266	197,133	292,032	226,601
Square yards per linear yard.....	1.28	1.33	(NA)	1.23	(NA)
Linear yards per pound.....	4.07	4.25	4.30	4.24	4.40
Square yards per pound.....	5.19	5.65	(NA)	5.21	(NA)
100 percent spun rayon and/or acetate fabrics (except pile, upholstery, tie, and blanketing):					
Linear yards.....	72,752	91,613	445,485	332,451	176,677
Square yards.....	103,867	120,177	(NA)	392,651	(NA)
Pounds.....	30,651	31,212	198,200	111,747	50,118
Square yards per linear yard.....	1.43	1.31	(NA)	1.18	(NA)
Linear yards per pound.....	2.37	2.94	2.25	2.98	3.53
Square yards per pound.....	3.39	3.85	(NA)	3.51	(NA)
Combination filament and spun rayon and/or acetate fibers (except pile, upholstery, tie, and blanketing):					
Linear yards.....	22,140	29,770	118,876	178,982	22,749
Square yards.....	28,301	38,086	(NA)	213,524	(NA)
Pounds.....	9,765	11,177	43,869	57,235	6,713
Square yards per linear yard.....	1.28	1.28	(NA)	1.19	(NA)
Linear yards per pound.....	2.27	2.66	2.71	3.13	3.39
Square yards per pound.....	2.90	3.41	(NA)	3.73	(NA)
Rayon and/or acetate mixtures and blends with other fibers (except pile, upholstery, tie, and blanketing):					
Linear yards.....	75,454	48,937	230,327	171,537	110,010
Square yards.....	103,552	66,483	(NA)	217,120	(NA)
Pounds.....	32,003	19,241	112,217	78,195	42,085
Square yards per linear yard.....	1.37	1.36	(NA)	1.27	(NA)
Linear yards per pound.....	2.36	2.54	2.05	2.19	2.61
Square yards per pound.....	3.24	3.46	(NA)	2.78	(NA)
Man-made fiber and silk fabrics, except rayon and/or acetate:					
Linear yards.....	330,047	188,304	611,956	61,673	68,795
Square yards.....	464,727	260,627	(NA)	69,905	(NA)
Pounds.....	103,170	44,681	131,905	22,174	12,332
Square yards per linear yard.....	1.41	1.38	(NA)	1.13	(NA)
Linear yards per pound.....	3.20	4.21	4.64	2.78	5.58
Square yards per pound.....	4.50	5.83	(NA)	3.15	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies (NA) Not available. (X) Not applicable.

¹1947 data for linear yards and pounds were partially estimated.

²Production of rayon and/or acetate blanketing was not collected separately and was included with other categories.

**TABLE 4D. Production of Man-Made Fiber Broad-Woven Goods:
First Quarters 1963 and 1958**

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	MAN-MADE FIBER AND SILK BROAD-WOVEN FABRICS, TOTAL.....	743,826	1,024,583	266,777	573,543	778,737	180,941	1.38	2.79	1.36	3.17
	Rayon and/or acetate broad-woven fabrics, total.	413,779	559,856	163,607	385,239	518,110	136,260	1.35	2.53	1.34	2.83
	Pile, upholstery, drapery, and tie fabrics....	63,558	84,291	35,951	33,479	45,394	22,203	1.33	1.77	1.36	1.51
2112	Velvets, plushes and other pile fabrics.....	5,476	7,053	4,139	6,860	9,014	6,033	1.29	1.32	1.31	1.14
2123	Upholstery and drapery fabrics.....	55,528	74,107	31,004	23,796	32,981	15,109	1.33	1.79	1.39	1.57
2133	Tie fabrics (shaft and Jacquard).....	12,554	13,131	1,808	2,823	3,399	1,061	1.23	1.16	1.20	2.66
	Blanketing.....	14,242	28,490	14,494	10,118	20,580	12,161	2.00	.98	2.03	.83
2152	Crib blanketing, chiefly rayon and/or acetate.....	589	1,176	639	10,118	20,580	12,161	2.00	.92	2.03	.83
2155	Electric blanket shells.....	2,087	4,185	2,513				2.01	.83		
2157	Other rayon and/or acetate blanketing.....	11,566	23,129	11,342				2.00	1.02		
	100 percent filament rayon and/or acetate fabrics.....	165,633	211,355	40,743	171,322	227,390	40,266	1.28	4.07	1.33	4.25
	Flat fabrics:										
2201	Bright viscose taffetas (including semi-dull).....	13,599	16,343	2,817	14,772	17,062	2,869	1.20	4.83	1.16	5.15
2211	Pigment viscose taffetas.....	(D)	(D)	(D)	1,782	2,274	377	(D)	(D)	1.28	4.73
2221	Acetate taffetas.....	75,294	95,271	16,526	62,465	79,081	13,838	1.27	4.56	1.27	4.51
2231	Cross-dyed taffetas.....	(D)	(D)	(D)	2,896	3,568	625	(D)	(D)	1.23	4.63
2262	Viscose twills and serges.....	15,214	18,639	3,484	18,030	20,680	4,086	1.23	4.37	1.15	4.41
2263	Acetate twills and serges.....	10,081	13,367	2,168	1,688	2,064	538	1.33	4.65	1.22	3.14
2271	Viscose satins.....	1,062	1,304	465	4,761	5,732	2,035	1.23	2.28	1.20	2.34
2281	Acetate satins.....	19,690	25,314	5,470	21,777	39,569	5,494	1.29	3.60	1.82	3.96
2292	All other flat fabrics.....	13,531	17,193	4,768	13,187	17,130	3,516	1.27	2.84	1.30	3.75
	Twisted yarn fabrics:										
2302	Crepe satins (including voile filled).....	1,973	2,776	802	1,758	2,412	574	1.41	2.46	1.37	3.06
2312	Flat, faille and canton crepes.....	(D)	(D)	(D)	5,827	8,123	1,444	(D)	(D)	1.39	4.04
	Plied yard fabrics:										
2332	Plain weaves.....	(D)	(D)	(D)	6,541	8,183	1,901	(D)	(D)	1.25	3.44
2342	Fancy weaves.....	(D)	(D)	(D)	1,339	1,751	411	(D)	(D)	1.31	3.26
2352	Marquisettes (leno weaves).....	(D)	(D)	(D)	6,076	8,099	870	(D)	(D)	1.33	6.98
2362	Ninons and voiles (voile twist warp and filling).....	(D)	(D)	(D)	2,647	3,333	323	(D)	(D)	1.26	8.20
2372	Other sheers (georgette, triple sheers, etc.).....	(D)	(D)	(D)	2,856	3,770	447	(D)	(D)	1.32	6.39
2382	All other twisted yarn fabrics.....	768	1,111	665	2,920	4,559	918	1.45	1.15	1.56	3.18
	100 percent spun rayon and/or acetate fabrics.	72,752	103,867	30,651	91,613	120,177	31,212	1.43	2.37	1.31	2.94
2404	Viscose twills (including serges, gabardines, etc.).....	(D)	(D)	(D)	7,685	10,067	3,818	(D)	(D)	1.31	2.01
2407	Combination viscose and acetate twills (including serges, gabardines, etc.).....	9,335	14,474	5,254	27,935	211,251	24,405	1.55	1.78	21.42	21.80
2413	Ribbed and corded fabrics (poplins, Bedford cords, etc.).....	(D)	(D)	(D)	1,202	1,649	437	(D)	(D)	1.37	2.75
2423	Challis.....	9,685	13,136	3,097	5,799	7,371	1,689	1.36	3.13	1.27	3.43
2433	Linen type and flakes.....	19,250	26,434	7,435	24,324	32,351	10,346	1.37	2.59	1.33	2.35
2443	Plied yarn fabrics (suitings, shirtings, etc.).....	1,842	2,605	1,005	7,094	10,520	3,862	1.41	1.83	1.48	1.84
2479	Other 100 percent spun rayon and/or acetate fabrics.....	26,848	39,032	11,308	237,574	246,968	26,655	1.45	2.37	21.25	25.65
	Combination filament and spun rayon and/or acetate fabrics.....	22,140	28,301	9,765	29,770	38,086	11,177	1.28	2.27	1.28	2.66
2504	Ribbed and corded fabrics (poplins, failles, bengalines, etc.).....	376	489	144	3,519	4,448	1,202	1.30	2.61	1.26	2.93
2514	Shantung (nub and slub).....	5,780	7,275	2,384	6,371	8,072	2,829	1.26	2.42	1.27	2.25
2535	Other filament and spun rayon and/or acetate fabrics.....	15,984	20,537	7,237	19,880	25,566	7,146	1.28	2.21	1.29	2.78
	Rayon and/or acetate mixtures and blends with other fibers.....	75,454	103,552	32,003	48,937	66,483	19,241	1.37	2.36	1.36	2.54
2607	Rayon and/or acetate and wool.....	194	306	105	338	484	181	1.58	1.85	1.43	1.87
2636	Filament rayon and cotton.....	8,474	10,823	3,344	8,976	12,198	2,808	1.28	2.53	1.36	3.20

See footnotes at end of table.

TABLE 4D. Production of Man-Made Fiber Broad-Woven Goods:
First Quarters 1963 and 1958--Continued

Refer- ence list number	Product	First quarter						Ratios								
		1963			1958			First quarter 1963		First quarter 1958						
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound					
	Rayon and/or acetate broad-woven fabrics— Continued															
	Rayon and/or acetate mixtures and blends with other fibers—Continued															
2639	Filament acetate and cotton.....	13,262	18,343	3,729	10,406	13,528	2,482	1.38	3.56	1.30	4.19					
2645	Spun rayon and/or acetate and cotton.....	25,552	33,833	11,151	7,570	9,538	3,153	1.32	2.29	1.26	2.40					
2646	Rayon and/or acetate and elastic.....	14,152	16,201	13,288	3,988	5,775	2,747	1.49	1.26	1.45	1.45					
2656	Rayon and other fibers.....	21,282	30,649	9,902	15,365	21,895	7,234	1.44	2.15	1.42	2.12					
2657	Acetate and other fibers.....	2,538	3,397	484	2,294	3,065	636	1.34	5.24	1.34	3.61					
	Man-made fiber and silk fabrics, except rayon and acetate.....	330,047	464,727	103,170	188,304	260,627	44,681	1.41	3.20	1.38	4.21					
	Nylon fabrics:															
	Drapery and upholstery fabrics.....	4,241	6,582	3,776	1,316	2,065	1,536	1.55	1.12	1.57	.86					
	Other nylon fabrics:															
	100 percent filament nylon fabrics:															
2821	Bright and semidull taffetas.....	34,629	48,067	4,469	24,014	32,275	3,486	1.39	7.75	1.34	6.89					
2823	Twills.....	3,552	5,078	451	2,092	2,877	328	1.43	7.88	1.38	6.38					
2824	Marquisettes.....	8,954	11,795	657	36,944	50,576	2,805	1.32	13.63	1.37	13.17					
2826	Other sheers.....	4,496	6,013	297				1.34	15.13							
	Other 100 percent filament nylon fabrics:															
	Apparel type.....	3,837	5,061	842	12,862	16,180	1,715	1.32	4.56	1.26	7.50					
	Industrial type:															
	2 oz. per square yard and heavier....	(D)	(D)	(D)				(D)	(D)							
2827	Lighter than 2 oz. per square yard...	(D)	(D)	(D)				(D)	(D)							
2841	100 percent spun nylon fabrics.....	397	511	336	(D)	(D)	(D)	1.29	1.18	(D)	(D)					
2842	Combination of filament and spun yarn fabrics, 100 percent nylon.....	-	-	-	4,411	6,467	828	1.40	3.28	1.47	5.33					
2891	Nylon blends and mixtures, chiefly nylon...	6,619	9,263	2,021												
	Polyester fabrics:															
	Drapery and upholstery fabrics.....	(D)	(D)	(D)	1,455	2,020	3696	(D)	(D)	1.39	2.09					
	Other polyester fabrics:															
	100 percent filament polyester fabrics:															
2830	Marquisettes.....	15,860	21,920	1,205	30,548	42,022	3,223	1.38	13.16	1.37	9.49					
2832	Other 100 percent filament polyester fabrics.....	16,737	23,565	2,520				1.41	6.64							
	100 percent spun polyester fabrics.....	(D)	(D)	(D)	1,714	2,432	477	(D)	(D)	1.42	3.59					
2846	Combination of filament and spun yard fabrics-100 percent polyester.....	9,897	13,455	1,805				1.36	5.48							
	Polyester blends:															
	Chiefly polyester blends and mixtures with cotton:															
2881	Batiste.....	33,790	44,559	7,325	33,849	50,198	10,104	1.32	4.61	1.48	3.35					
2882	Broadcloth.....	17,530	22,933	4,451				1.31	3.94							
2883	Gabardine.....	3,743	4,932	1,700				1.32	2.20							
2884	Oxford.....	1,057	1,388	426				1.31	2.48							
2885	Poplin.....	23,303	32,728	11,567				1.40	2.01							
2886	Voile.....	3,094	4,065	458				1.31	6.76							
2887	Other.....	23,259	30,486	7,729				1.31	3.01							
	Chiefly polyester blends and mixtures with wool:															
	Less than 9 oz. per yard:															
2872	Containing 40 percent or more wool..	4,916	8,437	2,401				1.71	2.05							
2874	Containing less than 40 percent wool															
2875	9 oz. and over per yard.....	1,147	1,949	712				1.70	1.61							
	Chiefly polyester blends and mixtures with:															
2876	Rayon.....	19,306	30,216	7,385	12,706	20,253	2,558	1.57	2.61	1.59	4.97					
2877	Nylon.....	12,706	20,253	2,558				1.59	4.97							
2878	Nylon and cotton.....															
2880	Other fibers.....															
	Acrylic and modacrylic fabrics:															
	Drapery and upholstery fabrics and blanketing:															
2804	Drapery and upholstery fabrics.....	1,284	1,402	1,158	(3)	(3)	(3)	1.42	1.80	(3)	(3)					

See footnotes at end of table.

**TABLE 4D. Production of Man-Made Fiber Broad-Woven Goods:
First Quarters 1963 and 1958--Continued**

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards	1,000 square yards	1,000 pounds	1,000 linear yards	1,000 square yards	1,000 pounds	Square yards per linear yards	Linear yards per pound	Square yards per linear yards	Linear yards per pound
	Man-made fiber and silk fabrics, except rayon and acetate--Continued										
	Acrylic and modacrylic fabrics--Continued										
	Drapery and upholstery fabrics and blanketing--Continued										
	Blanketing:										
2811	Acrylic crib blanketing.....	179	363	197	1,005	2,002	1,238	{ 2.03 2.00 2.01	{ .91 .81 .92	1.99	.81
2814	Acrylic electric blanket shells.....	664	1,328	815							
2816	Other acrylic blanketing.....	1,459	2,932	1,583							
2897	Other acrylic fabrics: 100 percent filament and/or spun acrylic fabrics.....	1,458	1,682	1,284	334	541	242	1.49	1.61	1.62	1.38
	Acrylic blends:										
	Chiefly acrylic blends and mixtures with wool:										
2892	Containing 40 percent or more wool....	(D)	(D)	(D)	2,190	3,412	1,135	{ (D) (D) (D)	{ (D) (D) (D)	1.56	1.93
2894	Containing less than 40 percent wool..	(D)	(D)	(D)							
2895	Chiefly acrylic blends and mixtures with other fibers.....	6,026	10,062	4,225							
	Glass fiber fabrics:										
	Decorative fabrics:										
2836	Marquisettes.....	21,363	28,734	8,336	{ (4) 7,727	{ (4) 9,527	{ (4) 2,854	1.35	2.56	{ (4) 1.23	{ (4) 2.71
2803	Drapery and upholstery fabrics.....										
	Industrial fabrics:										
2834	Woven roving.....	(D)	(D)	(D)	12,764	16,032	4,892	{ (D) (D) (D)	{ (D) (D) (D)	1.26	42.61
2829	Screening.....	(D)	(D)	(D)							
2831	All other glass fiber fabrics.....	18,036	20,928	7,206							
2838	Saran and olefin, 100 percent filament yarns..	2,680	4,158	2,313	3,006	4,308	2,703	1.55	1.16	1.43	1.11
	Silk and other broad-woven fabrics, n.e.c.:										
	Silk fabrics:										
2861	100 percent silk fabrics.....	13,892	15,149	1,867	3,982	4,954	848	1.32	1.49	1.24	4.70
2863	Silk mixtures, chiefly silk.....	11,003	11,342	1,236	2,204	3,022	554	1.34	1.45	1.37	3.98
	Other fiber fabrics, n.e.c.:										
2868	Twisted paper yarn fabrics, except open mesh bagging.....	3,855	11,271	5,062	2,992	5,757	3,856	2.92	.76	1.92	.78
5000	All other broad-woven fabrics, n.e.c.....	277	369	219	2,334	3,242	964	1.33	1.26	1.38	2.42

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Includes estimates of 25 percent or more for companies whose reports were not received in time for tabulation.

²For 1958 and earlier years, acetate twills are included with Code 2407. For 1963 they are included in Code 2479.

³For 1958, acrylic drapery and upholstery fabrics were combined with polyester.

⁴Marquisettes are included with industrial fabrics.

**TABLE 4E. Summary of the Production of Woolen and Worsted Fabrics: First Quarters
1963 and 1958, and Annual Totals for 1954, 1947, and 1939**

(Thousands)

Product	First quarter		1954	1947	1939
	1963	1958			
WOOLEN AND WORSTED FABRICS (EXCEPT FELTS), TOTAL:¹					
Linear yards ²	^r 77,968	61,490	284,231	508,554	(NA)
Square yards.....	126,510	103,895	(NA)	799,832	567,560
Pounds.....	66,401	53,406	248,582	455,306	359,463
Square yards per linear yard.....	1.6	1.7	(NA)	1.6	(NA)
Ounces per linear yard.....	13.6	13.9	14.0	14.3	(NA)
Ounces per square yard.....	8.4	8.2	(NA)	9.1	10.1
Apparel fabrics:					
Linear yards ²	^r 74,620	58,780	262,369	448,388	(NA)
Square yards.....	120,229	98,951	(NA)	697,082	481,509
Pounds.....	61,292	49,543	218,359	372,263	290,045
Square yards per linear yard.....	1.6	1.7	(NA)	8.5	9.6
Ounces per linear yard.....	13.1	13.5	13.3	13.3	(NA)
Ounces per square yard.....	8.2	8.0	(NA)	8.5	9.6
Government orders:					
Linear yards ²	1,695	389	872	10,127	(NA)
Square yards.....	2,777	637	(NA)	16,164	(NA)
Pounds.....	1,608	383	985	11,474	(NA)
Square yards per linear yard.....	1.6	1.6	(NA)	1.6	(NA)
Ounces per linear yard.....	15.2	15.8	18.1	18.1	(NA)
Ounces per square yard.....	9.3	9.6	(NA)	11.4	(NA)
Other than Government orders:					
Men's and boys' clothing:					
Linear yards ²	^r 31,349	27,442	123,197	222,592	(NA)
Square yards.....	50,517	46,417	(NA)	353,456	(NA)
Pounds.....	23,912	22,011	100,451	199,621	(NA)
Square yards per linear yard.....	1.6	1.7	(NA)	1.6	(NA)
Ounces per linear yard.....	12.2	12.8	13.0	14.4	(NA)
Ounces per square yard.....	7.6	7.6	(NA)	9.0	(NA)
Women's and children's clothing:					
Linear yards ²	^r 41,576	30,949	138,300	179,066	(NA)
Square yards.....	66,935	51,897	(NA)	279,084	(NA)
Pounds.....	35,772	27,149	116,923	136,547	(NA)
Square yards per linear yard.....	1.6	1.7	(NA)	1.6	(NA)
Ounces per linear yard.....	13.8	14.0	13.5	12.2	(NA)
Ounces per square yard.....	8.6	8.4	(NA)	7.8	(NA)
Nonapparel fabrics:					
Linear yards ²	3,348	2,710	21,862	60,166	(NA)
Square yards.....	6,281	4,944	(NA)	102,750	86,051
Pounds.....	5,109	3,863	30,223	83,043	69,418
Square yards per linear yard.....	1.9	1.8	(NA)	1.7	(NA)
Ounces per linear yard.....	24.4	22.8	22.1	22.1	(NA)
Ounces per square yard.....	13.0	12.5	(NA)	12.9	12.9

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. ^r Revised.

¹Data for 1954, 1958, and 1963 are for fabrics that are 50 percent or more wool by weight. Data for 1947 for all fabrics, except blanketing, include fabrics that are 25 percent or more wool by weight, while all data for 1939 are for fabrics 25 percent or more wool by weight.

²Fabrics other than blanketing are reported in 54- to 60-inch widths or equivalent 54-inch width. Blanketing reported in 72-inch width.

**TABLE 4F. Production of Woolen and Worsted Woven Goods: First Quarters
1963 and 1958**

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards ¹	1,000 square yards	1,000 pounds	1,000 linear yards ¹	1,000 square yards	1,000 pounds	Square yards per linear yards	Ounces per linear yard	Square yards per linear yards	Ounces per linear yard
	WOOLEN AND WORSTED FABRICS (EXCLUDING WOVEN FELTS), TOTAL.....	77,968	126,510	66,401	61,490	103,895	53,406	1.6	13.6	1.7	13.9
	Apparel fabrics.....	74,620	120,229	61,292	58,780	98,951	49,543	1.6	13.1	1.7	13.5
	Government orders.....	1,695	2,777	1,608	389	637	383	1.6	15.2	1.6	15.8
3011	Pile fabrics.....	(D)	(D)	(D)	-	-	-	(D)	(D)	-	-
	All other:										
3112	Less than 13 oz.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
3113	13 oz. up to 16 oz.....	395	658	341	(D)	(D)	(D)	1.7	13.8	(D)	(D)
3114	16 oz. and over.....	(D)	(D)	(D)	180	289	195	(D)	(D)	1.6	17.3
	Other than Government orders.....	72,925	117,452	59,684	58,391	98,314	49,160	1.6	13.1	1.7	13.5
	Men's and boy's clothing.....	31,349	50,517	23,912	27,442	46,417	22,011	1.6	12.2	1.7	12.8
	Less than 9 oz.:										
	Worsted:										
3607	100 percent wool.....	1,195	1,877	530	1,551	(3)	(3)	1.6	7.1	(3)	(3)
3608	Blends, chiefly wool.....	21,021	(3)	(3)							
	Woolen:										
4607	100 percent wool.....	169	283	93	434	729	224	1.7	8.8	1.7	8.3
4608	Blends, chiefly wool.....	408	650	204							
	9 oz. up to 13 oz.:										
	Worsted:										
3605	100 percent wool.....	13,666	21,987	9,404	9,984	17,372	7,183	1.6	11.0	1.7	11.5
3606	Blends, chiefly wool.....	21,333	(3)	(3)							
	Woolen:										
4605	100 percent wool.....	3,676	5,965	2,686	7,649	12,477	5,519	1.6	11.7	1.6	11.5
4606	Blends, chiefly wool.....	23,611	25,757	2,555							
	13 oz. up to 16 oz.:										
3603	Worsted.....	1,085	1,775	1,015	1,904	3,536	1,745	1.6	15.0	1.9	14.7
4603	Woolen.....	1,493	2,440	1,371	2,140	3,437	2,044	1.6	14.7	1.6	15.3
	16 oz. up to 20 oz.:										
3604	Worsted.....	310	501	328	199	323	212	1.6	16.9	1.6	17.0
4604	Woolen.....	21,812	(3)	(3)	2,354	3,811	2,651	(3)	(3)	1.6	18.0
4615	20 oz. up to 26 oz.....	21,378	(3)	(3)	1,143	(3)	(3)	(3)	(3)	(3)	(3)
4616	26 oz. and over.....	2192	2316	2331	84	136	139	21.6	227.6	1.6	26.5
	Women's and children's clothing.....	41,576	66,935	35,772	30,949	51,897	27,149	1.6	13.8	1.7	14.0
	Less than 9 oz.:										
	Worsted:										
3705	100 percent wool.....	547	894	269	816	1,371	445	1.6	7.9	1.7	8.7
3706	Blends, chiefly wool.....	168	258	85							
	Woolen:										
4711	100 percent wool.....	2,021	3,182	1,093	2,768	4,553	1,481	1.6	8.7	1.6	8.6
4713	Blends, chiefly wool.....	2,084	3,290	1,041							
	9 oz. up to 13 oz.:										
	Worsted:										
3707	100 percent wool.....	1,707	2,814	1,265	1,097	(3)	(3)	1.6	11.9	(3)	(3)
3708	Blends, chiefly wool.....	40	63	24							
	Woolen:										
4723	100 percent wool.....	13,823	22,589	9,710	13,798	23,208	9,724	1.6	11.2	1.7	11.3
4727	Blends, chiefly wool.....	6,278	10,132	4,363							
	13 oz. up to 16 oz.:										
3703	Worsted.....	2216	2360	2195	308	509	289	21.7	214.4	1.7	15.0
	Woolen:										
4733	100 percent wool.....	3,507	5,615	3,474	5,319	8,787	5,179	1.6	15.8	1.7	15.6
4737	Blends, chiefly wool.....	455	712	415							
	16 oz. up to 20 oz.:										
3704	Worsted.....	2116	(3)	(3)	118	191	135	(3)	(3)	1.6	18.3
	Woolen:										
4743	100 percent wool.....	4,556	7,115	5,137	3,719	6,166	4,519	1.6	18.0	1.7	19.4
4747	Blends, chiefly wool.....	814	1,293	861							
	20 oz. and over:										
4753	100 percent wool.....	2,353	3,751	3,299	3,006	5,164	4,541	1.6	22.4	1.7	24.2
4757	Blends, chiefly wool.....	2,891	4,681	4,417							

See footnotes at end of table.

**TABLE 4F. Production of Woolen and Worsted Woven Goods: First Quarters
1963 and 1958-Continued**

Reference list number	Product	First quarter						Ratios			
		1963			1958			First quarter 1963		First quarter 1958	
		1,000 linear yards ¹	1,000 square yards	1,000 pounds	1,000 linear yards ¹	1,000 square yards	1,000 pounds	Square yards per linear yards	Ounces per linear yard	Square yards per linear yards	Ounces per linear yard
	Nonapparel fabrics, except felts.....	3,348	6,281	5,109	2,710	4,944	3,863	1.9	24.4	1.8	22.8
	Blanketing.....	2,446	4,882	3,988	2,038	3,851	2,975	2.0	26.1	1.9	23.4
4806	100 percent new wool.....	519	1,037	693	(D)	(D)	(D)	2.0	21.4	(D)	(D)
	Wool, reprocessed wool, and reused wool:										
4808	100 percent, except 100 percent new wool.....	1,280	2,552	2,197	789	(³)	(³)	2.0	27.5	(³)	(³)
4810	50 to 99.9 percent.....	647	1,293	1,098	495	(³)	(³)	2.0	27.2	(³)	(³)
4821	Transportation upholstery.....	² 132	(³)	(³)	433	(³)	(³)	(³)	(³)	(³)	(³)
4829	Other nonapparel fabrics, except felts.....	770	1,187	880	239	353	341	1.5	18.3	1.5	22.8

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies. This detail figure is, however, included in the appropriate subtotals and totals.

¹Blanketing in 72-inch width or equivalent. Other fabrics in 54- to 60-inch widths or equivalent 54-inch width.

²Production data in linear yards include estimates of 25 percent or more for companies whose reports were not received in time for publication.

Production data in square yards and pounds include estimates of 25 to 50 percent for companies whose reports were not received in time for publication.

³Data withheld because production information in square yards and pounds was reported by companies accounting for less than 50 percent of the total production.

WEAVING MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in the following industries:

SIC Code and Title

- 2211—Broad Woven Fabric Mills, Cotton
- 2221—Broad Woven Fabric Mills, Man-Made Fiber and Silk
- 2231—Broad Woven Fabric Mills, Wool: Including Dyeing and Finishing
- 2241—Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Man-Made Fiber

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

Textile fabric production processes may be grouped broadly into three stages: fiber preparation and yarn spinning; weaving, knitting, or braiding of yarns into gray or unfinished fabric; and bleaching, dyeing, or printing of gray fabric to produce finished goods ready for cutting. A textile "establishment," as the term is used in this report, comprises a building or group of buildings at a single location. Many textile establishments are engaged in two or more of the three major production processes, and some are also engaged in fabricating end-products such as towels, blankets, sheets, and pillowcases.

In classifying textile establishments by SIC industry, preference was given to weaving or knitting as against spinning, finishing, or fabricating. Thus, an integrated cotton mill producing only sheets and pillowcases would be classified in SIC 2211, Broad Woven Fabric Mills, Cotton, even though the end-product of the establishment was not broad woven fabrics but finished sheets and pillowcases.

This report covers all cotton, wool, silk, and synthetic fiber weaving mills, whether integrated or nonintegrated. The integrated textile weaving mills manufacture and consume over two-thirds of the total production of spun and thrown yarns, and also bleach, dye, or otherwise finish large quantities of gray goods. Fabrication (cutting and sewing) in weaving mills is largely confined to mass-produced goods such as domestics and blankets. The extent of integration as it affects the end-products (shipments) of the establishments covered in this report is indicated in table 5B. Statistics on fabrics produced and used within the same establishment are shown in table 6A.

Similar data for knitting mills are included in MC63(2)-22B, Knitting Mills. Statistics for other textile establishments, such as yarn mills or finishing plants, are shown in other reports in this series. Carpet and rug production is covered in MC63(2)-22D, Floor Covering Mills.

The Census Bureau conducts a quarterly survey of weaving mill production of broad woven goods. This survey includes data for detailed fabric production in linear yards, looms assigned to the production of specific fabrics at the end of the quarter, loom hours operated, and yarn consumption and stocks. These data are published in the Current Industrial Reports Series M22T.1, Cotton Broad Woven Goods; M22T.2, Man-Made Fiber Broad Woven Goods; and M22T.3, Woolen and Worsted Woven Goods. As part of the 1963 Census of Manufactures, a separate survey was conducted for the first quarter of 1963 in which detailed fabric production data were collected in linear yards, square yards, and pounds. These data, together with information previously collected in earlier censuses of manufactures, were published as supplements to the three current reports mentioned above.

Annual data were also collected for the production of fabric blends and mixtures in 1962, 1960, and 1958. This information was published in the form of supplements to the broad woven fabric surveys (series M22T).

An annual survey of cotton, synthetic, and silk broad woven fabrics finished is also conducted by the Bureau of the Census. In this survey, data for the quantity of fabrics finished are collected for thirty-two fabric classes. For each class, information is shown for the three major types of finished goods (whites, plain colors, and prints) by major end use (apparel, household, and other). Separate data are also collected for the production of crease-resistant fabrics and published in Current Industrial Reports Series M22S, Cotton, Silk, and Man-Made Fiber Woven Goods Finished. Establishments shipping sheets, pillowcases, and towels report data for these products annually on Census Form MA-23X, "Sheets, Pillowcases, and Towels." The 1963 data as previously published for this survey are shown in table 6A together with the comparable totals reported in the census of manufactures.

Establishments shipping narrow fabrics other than covered rubber thread report their shipments of products annually on Census Form MA-22G, Narrow Fabrics. The 1963 data as previously published for this survey are shown in table 6A together with the comparable totals reported in the census of manufactures.

Because of the availability of the detailed reports described above, the product information for these industries collected in the census of manufactures is limited to summary data as shown in table 6A. However, for sheets, pillowcases, and towels, and narrow fabrics the detailed information published in the annual Current Industrial Reports is also shown in table 6A.

For comparative purposes, summary data from the current reports for gray and finished broad woven goods are shown in a footnote to table 6A.

2211—BROAD WOVEN FABRIC MILLS, COTTON

This industry comprises establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in industry 2271; those tufting carpets and rugs in industry 2272; and those making tire cord and fabric in industry 2296. For a detailed list of products of industry 2211, refer to table 6A, product codes 2211110 to 2211098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

In the product coding system for the 1963 Census of Manufactures, finished cotton fabrics and certain cotton fabricated products were classified as primary to industry 2211 when made in weaving mills. Similar products made in nonweaving establishments were classified as primary to the appropriate industry; for example, sheets made in strictly cut-and-sew plants were classified as primary to industry 2392, Housefurnishings, N.E.C. This distinction is important in relation to the specialization and coverage ratios of the industry, which are described below.

Value of shipments and other receipts of the Weaving Mills, Cotton, Industry totaled \$3,104 million. This amount included shipments of cotton gray and finished goods and selected cotton fabricated products (primary products) valued at \$2,770 million, shipments of other products (secondary products) valued at \$255 million, and miscellaneous receipts at \$78 million.

This industry's shipments of cotton gray and finished goods and selected cotton fabricated products represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of man-made fiber and silk broad woven fabrics: gray and finished goods and blankets (\$131 million), and carded cotton yarns (\$42 million).

Shipments of cotton gray and finished goods and selected cotton fabricated products by this industry represented 80 percent of all shipments of these products (\$3,455 million) by all industries. In 1958 the coverage ratio was 82 percent. Other industries shipping cotton gray and finished goods and selected cotton fabricated products consisted mainly of industry 2221, Weaving Mills, Synthetics, \$121 million.

The production index for the primary products of the industry increased to 108 in 1963 from the 1958 level of 102. The unit value index for 1963 was 103 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

2221—BROAD WOVEN FABRIC MILLS, MAN-MADE FIBER AND SILK

This industry comprises establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly of silk and man-made fibers including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in industry 2271; those tufting carpets and rugs from these fibers in industry 2272; and those making tire cord and fabric in industry 2296. For a detailed list of products of industry 2221, refer to table 6A, product codes 2221111 to 2221925.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

In the product coding system for both 1963 and 1958 Censuses of Manufactures, finished synthetic and silk fabrics and blankets were classified as primary to industry 2221 when made in weaving mills. Similar products made in nonweaving establishments were classified as primary to the appropriate industry; for example, synthetic fabrics finished in establishments engaged only in dyeing or printing were classified as primary to industry 2262, Finishing Plants, Synthetic. This distinction is important in relation to the specialization and coverage ratios of the industry which are described below.

Value of shipments and other receipts of the Weaving Mills, Synthetics, Industry totaled \$1,722 million. This amount included shipments of gray and finished man-made fiber fabrics and blankets (primary products) valued at \$1,450 million, shipments of other products (secondary products) valued at \$227 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$45 million.

This industry's shipments of gray and finished man-made fiber fabrics and blankets represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 85 percent. Secondary products shipped by this industry in 1963 consisted mainly of cotton broad woven fabrics; gray goods, finished goods, and selected fabricated products (\$121 million), and wool fabrics and wool blankets (\$31 million).

Shipments of gray and finished man-made fiber fabrics and blankets by this industry represented 82 percent of all shipments of these products (\$1,760 million) by all industries. In 1958 the coverage ratio was 88 percent. Other industries shipping gray and finished man-made fiber fabrics and blankets consisted mainly of industry 2211, Weaving Mills, Cotton, \$131 million; and industry 2231, Weaving, Finishing Mills, Wool.

The production index for the primary products of the industry increased to 176 in 1963 from the 1958 level of 115. The unit value index for 1963 was 95 compared to 91 in 1958. Both indexes were computed on a basis of 1954 = 100.

2231—BROAD WOVEN FABRIC MILLS, WOOL: INCLUDING DYEING AND FINISHING

This industry comprises establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in industry 2271, and those tufting wool carpets and rugs in industry 2272. For a detailed list of products of industry 2231, refer to table 6A, product codes 2231111 to 2231925.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Weaving, Finishing Mills, Wool Industry totaled \$1,011 million. This amount included shipments of wool gray and finished cloth (including commission finishing), and wool blankets (primary products) valued at \$841 million, shipments of other products (secondary products) valued at \$138 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$31 million.

This industry's shipments of wool gray and finished cloth (including commission finishing), and wool blankets represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of wool yarns (\$24 million), and over \$20 million each of scouring and combing mills products; silk and man-made fiber fabrics, n.e.c.; and finished man-made fiber and silk broad woven goods.

Shipments of wool gray and finished cloth (including commission finishing) and wool blankets by this industry represented 96 percent of all shipments of these products (\$880 million) by all industries. In 1958 the coverage ratio was also 96 percent. Other industries shipping wool gray and finished cloth (including commission finishing) and wool blankets consisted mainly of industry 2221, Weaving Mills, Synthetics, \$31 million.

The production index for the primary products of the industry increased to 87 in 1963 from the 1958 level of 83. The unit value index for 1963 was 92 compared to 95 in 1958. Both indexes were computed on a basis of 1954 = 100.

2241—NARROW FABRICS, AND OTHER SMALLWARES MILLS: COTTON, WOOL, SILK,
AND MAN-MADE FIBER

This industry comprises establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and man-made fibers, including glass fibers. Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of fabric covered elastic yarn are also included in this industry. For a detailed list of products of industry 2241, refer to table 6A, product codes 2241102 to 2241511.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Narrow Fabric Mills totaled \$349 million. This amount included shipments of narrow fabrics (primary products) valued at \$295 million, shipments of other products (secondary products) valued at \$30 million, and miscellaneous receipts at \$25 million.

This industry's shipments of narrow fabrics represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of other trimmings and findings (\$3 million).

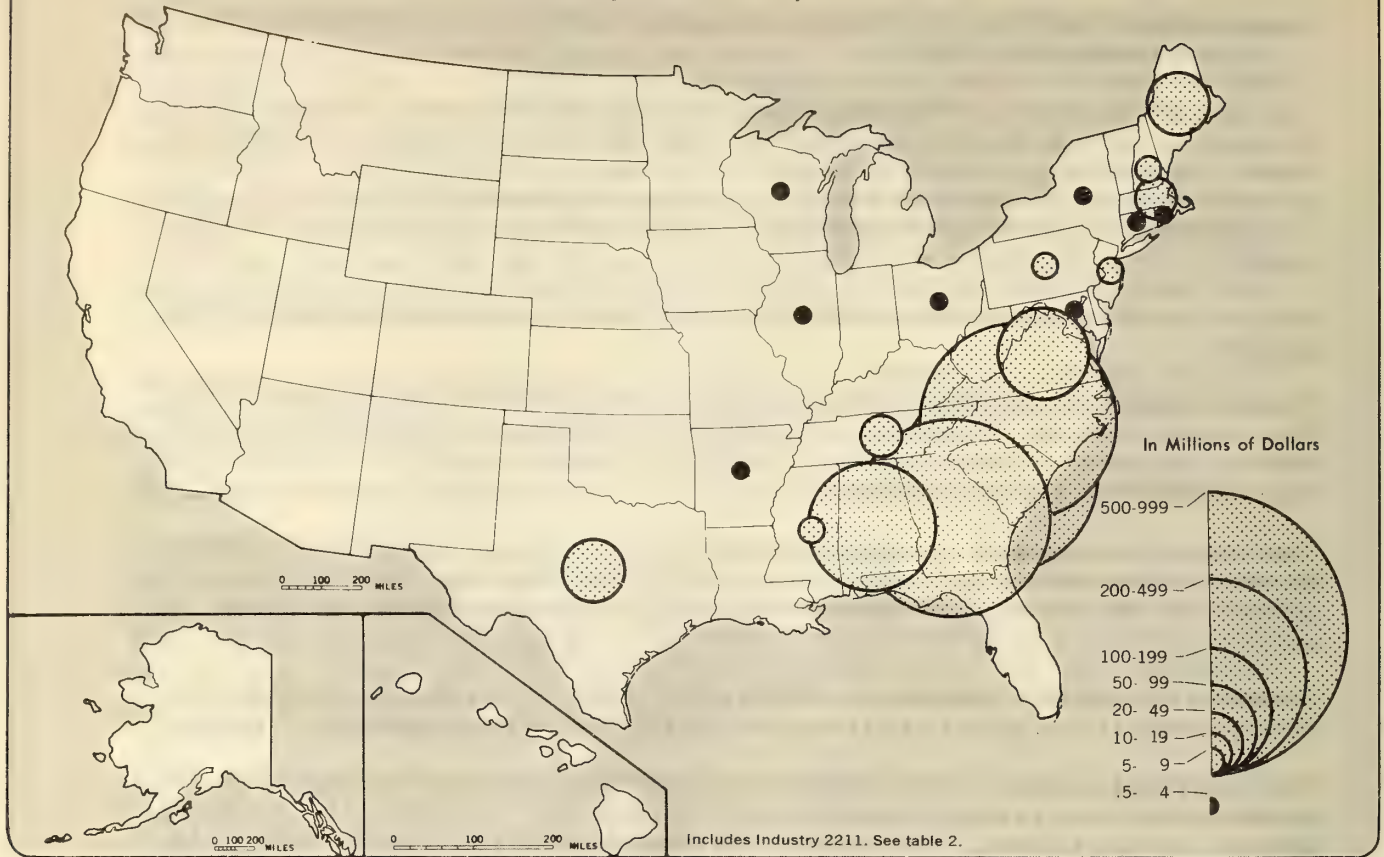
Shipments of narrow fabrics by this industry represented 97 percent of all shipments of these products (\$303 million) by all industries. In 1958 the coverage ratio was 97 percent.

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent to this specialization is indicated in table 8. Approximately 68 percent of the total industry shipments are represented by plants specializing in product classes; 22411, Woven narrow fabrics; 22 percent in 22414, Braided narrow fabrics; and 8 percent in 22415, Covered rubber thread.

The production index for the primary products of the industry increased to 113 in 1963 from the 1958 level of 104. The unit value index for 1963 was 105 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

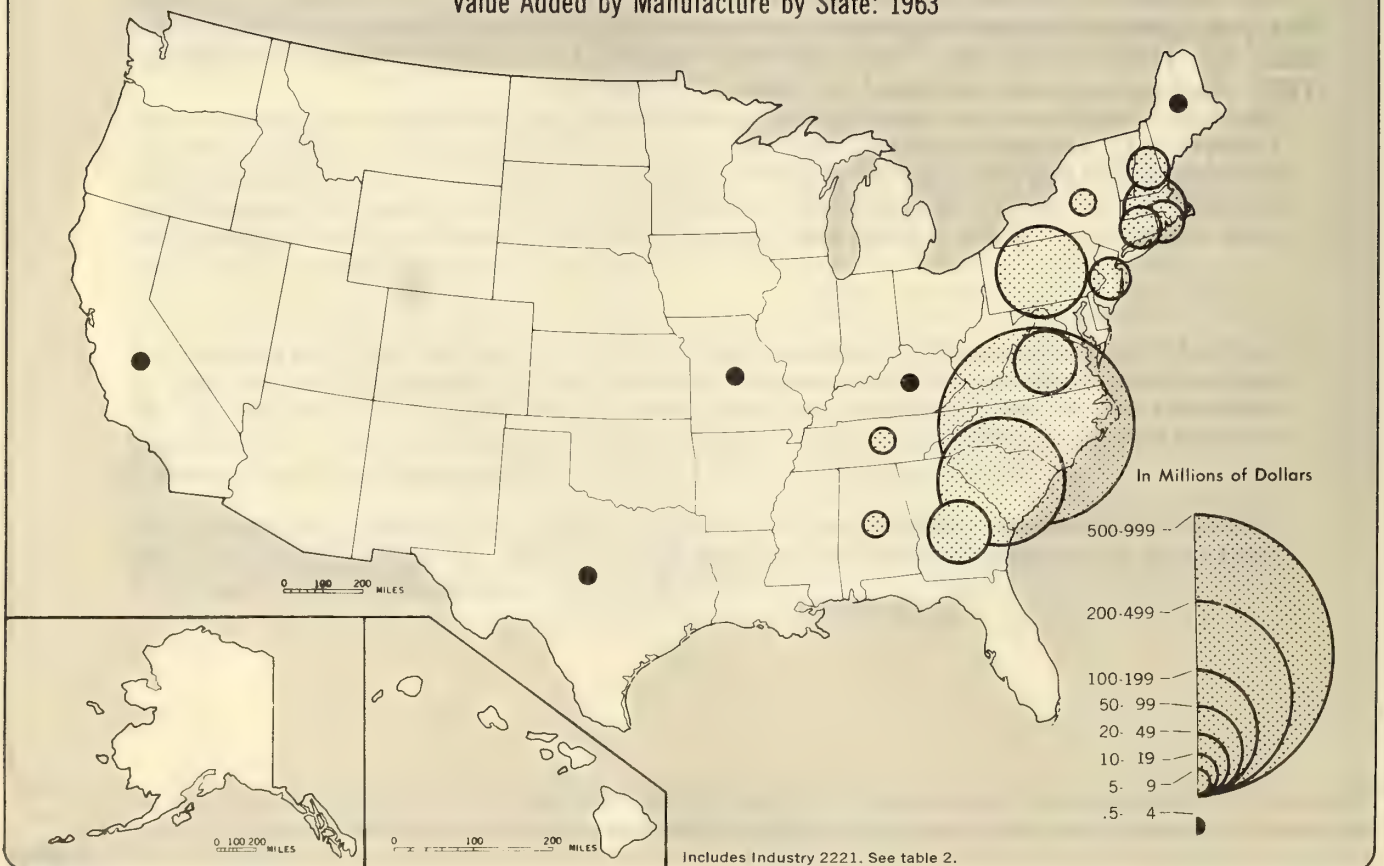
WEAVING MILLS, COTTON: SIC 221

Value Added by Manufacture by State: 1963



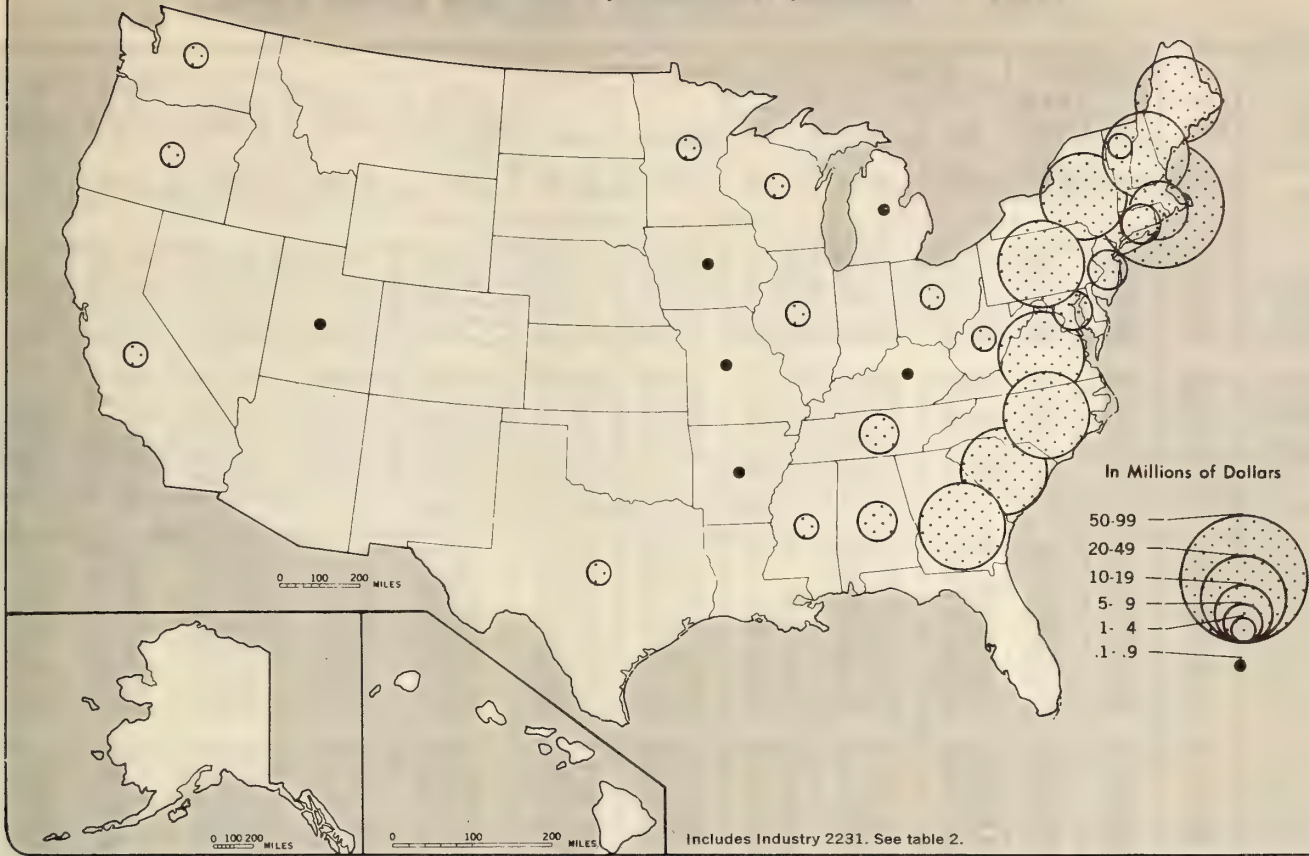
WEAVING MILLS, SYNTHETICS: SIC 222

Value Added by Manufacture by State: 1963



WEAVING, FINISHING MILLS, WOOL: SIC 223

Value Added by Manufacture by State: 1963

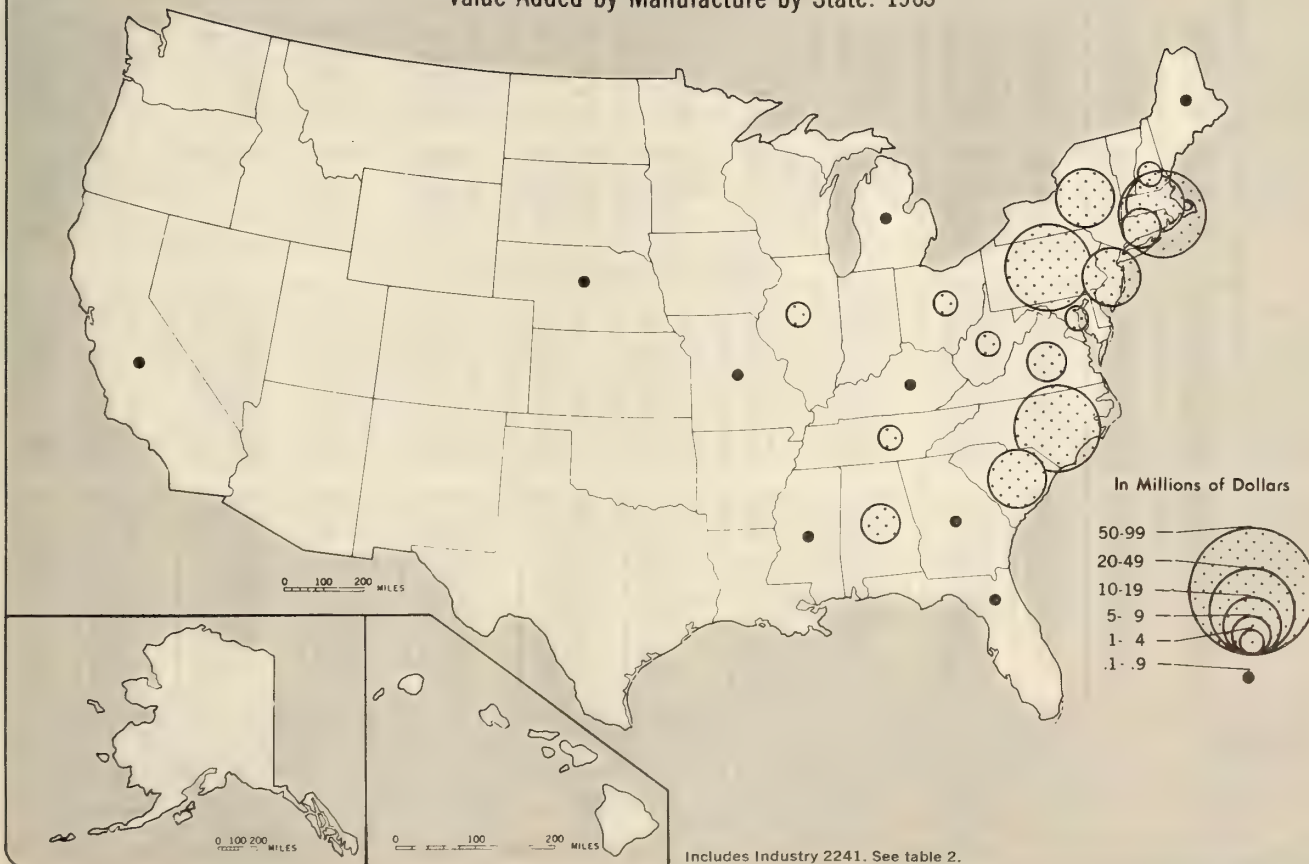


U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

NARROW FABRIC MILLS: SIC 224

Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2211.—WEAVING MILLS, COTTON														
1963.....	229	407	350	208,993	771,573	195,530	403,379	688,374	1,256,753	1,823,772	3,104,053	113,366	92	80
1962 ¹	(NA)	(NA)	(NA)	223,622	805,211	208,274	425,540	712,884	1,346,310	1,893,490	3,188,395	114,815	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	228,194	785,494	212,671	427,027	695,045	1,282,267	1,746,731	3,032,269	80,943	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	238,661	816,154	223,186	452,804	725,377	1,382,626	1,747,449	3,078,084	82,971	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	243,155	804,179	226,081	467,079	719,414	1,295,927	1,782,349	3,098,220	71,975	(NA)	(NA)
1958.....	325	496	395	243,419	724,481	228,609	443,255	646,678	1,078,592	1,622,758	2,748,584	48,441	94	82
1957 ¹	(NA)	(NA)	(NA)	267,492	794,417	252,304	486,747	710,496	1,212,924	1,715,168	2,916,503	74,367	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	285,699	840,295	270,652	540,801	758,023	1,310,297	1,832,302	3,054,294	92,243	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	293,228	827,555	278,078	557,035	747,399	1,208,279	1,839,451	3,067,400	68,659	(NA)	(NA)
1954.....	413	582	476	296,193	783,011	280,546	537,531	702,649	1,135,365	1,708,400	2,838,312	55,200	95	83
1947 ²	(NA)	575	(NA)	330,196	705,746	316,288	(NA)	645,065	1,448,972	1,463,679	2,912,651	78,772	(NA)	(NA)
INDUSTRY 2221.—WEAVING MILLS, SYNTHETIC														
1963.....	277	355	300	88,157	366,045	79,750	171,378	306,464	661,535	1,072,259	1,722,356	35,798	86	82
1962 ¹	(NA)	(NA)	(NA)	82,950	337,191	74,401	160,082	281,056	578,237	963,654	1,531,365	32,872	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	79,212	299,553	71,042	147,839	249,304	501,080	834,814	1,328,107	29,061	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	79,917	301,469	72,132	151,387	252,892	534,802	826,213	1,344,726	39,046	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	82,644	304,832	75,394	159,894	258,892	520,016	856,736	1,370,560	27,716	(NA)	(NA)
1958.....	324	401	310	81,688	276,655	74,452	150,649	233,965	468,583	741,931	1,225,509	15,043	85	88
1957 ¹	(NA)	(NA)	(NA)	76,281	255,558	69,479	145,641	228,100	425,561	668,289	1,092,215	12,610	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	82,514	259,179	76,529	156,521	230,339	415,042	698,457	1,106,489	20,872	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	83,461	268,988	77,460	162,924	233,384	440,477	753,691	1,198,825	15,879	(NA)	(NA)
1954.....	396	478	347	89,994	272,872	83,120	166,984	234,476	408,564	729,104	1,153,939	12,995	87	89
1953 ¹	(NA)	(NA)	(NA)	105,607	313,407	97,375	195,888	273,184	463,323	1,030,733	1,494,056	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	102,466	312,657	95,064	193,809	270,591	457,458	945,281	1,402,739	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	105,624	316,561	98,201	196,754	276,048	457,219	954,988	1,412,207	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	96,833	274,890	89,688	187,938	236,234	498,605	673,075	1,171,680	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	93,645	256,699	84,997	177,136	220,410	452,763	582,254	1,035,017	(NA)	(NA)	(NA)
1947.....	432	507	363	97,648	232,072	91,174	194,655	204,991	488,048	514,875	1,002,923	42,881	85	(NA)
1939.....	(NA)	394	(NA)	83,546	73,736	79,595	(NA)	64,886	115,015	199,840	314,855	(NA)	(NA)	(NA)
1937 ³	(NA)	435	(NA)	(NA)	(NA)	76,298	(NA)	63,752	105,851	188,955	294,806	(NA)	(NA)	(NA)
1935 ²	(NA)	670	(NA)	89,739	76,319	85,612	(NA)	67,842	108,673	156,210	264,883	(NA)	(NA)	(NA)
INDUSTRY 2231.—WEAVING, FINISHING MILLS, WOOL														
1963.....	304	361	249	47,429	202,892	41,627	85,034	160,188	386,622	629,471	1,010,692	15,539	86	96
1962 ¹	(NA)	(NA)	(NA)	50,017	214,079	44,175	90,790	169,446	396,389	643,613	1,036,376	18,153	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	51,150	207,541	44,800	90,043	164,073	363,618	587,789	950,870	15,870	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	56,176	217,430	49,695	98,201	174,266	372,061	607,076	987,147	14,778	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	58,417	228,926	51,907	108,296	187,215	420,854	632,840	1,051,506	12,313	(NA)	(NA)
1958 ⁴	(NA)	469	311	55,952	206,094	49,053	98,662	166,189	336,618	576,617	929,040	9,702	94	96
1954.....	(NA)	399	306	66,681	229,735	59,215	118,726	186,000	330,385	(⁵)	(⁵)	13,021	(NA)	(NA)
1947.....	(NA)	554	441	138,150	355,200	127,572	256,979	307,010	621,618	(⁵)	(⁵)	40,178	(NA)	(NA)
1939.....	(NA)	541	(NA)	(NA)	(NA)	120,481	(NA)	117,735	233,157	(⁵)	(⁵)	(NA)	(NA)	(NA)
1937 ²	(NA)	563	(NA)	(NA)	(NA)	135,613	(NA)	137,556	258,920	(⁵)	(⁵)	(NA)	(NA)	(NA)
INDUSTRY 2241.—NARROW FABRIC MILLS														
1963.....	350	384	215	23,154	91,869	20,647	40,614	72,956	172,493	176,776	349,071	6,907	91	97
1962 ¹	(NA)	(NA)	(NA)	25,975	103,340	22,587	47,358	78,542	195,600	185,590	380,741	8,473	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	25,049	95,078	21,841	44,236	71,360	176,238	170,260	350,440	7,000	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	25,624	96,635	22,027	46,192	73,018	169,138	171,584	345,314	6,619	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	27,580	99,833	23,983	49,683	76,255	181,314	181,613	360,199	(S)	(NA)	(NA)
1958.....	³ 352	⁴ 488	² 242	24,587	85,923	21,534	42,592	65,225	142,638	157,879	301,482	6,307	94	97
1957 ¹	(NA)	(NA)	(NA)	26,823	86,846	23,652	45,121	67,407	141,661	140,983	279,051	7,253	96	94
1956 ¹	(NA)	(NA)	(NA)	27,548	86,025	24,539	46,074	66,855	141,022	147,019	283,805	4,010	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	27,460	83,004	24,319	46,067	63,727	135,416	143,798	278,826	(S)	(NA)	(NA)
1954.....	489	513	252	25,676	79,063	22,862	44,962	61,456	124,013	138,974	263,391	4,802	96	94
1953 ¹	(NA)	(NA)	(NA)	28,971	86,710	26,022	51,603	68,761	132,588	159,691	292,279	6,076	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	23,465	74,086	20,487	43,017	57,025	116,775	159,332	276,755	3,534	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	26,835	83,610	23,420	47,803	61,662	141,793	183,277	325,718	(S)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	25,075	72,175	22,197	47,038	54,156	107,012	132,378	240,037	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	27,284	71,861	23,964	46,407	52,976	102,177	96,643	197,254	(NA)	(NA)	(NA)
1947.....	445	480	(NA)	28,080	65,011	25,295	(NA)	52,494	110,571	104,166	215,194	5,670	95	98
1939.....	(NA)	400	(NA)	(NA)	(NA)	24,591	(NA)	21,092	47,319	39,293	86,612	(NA)	(NA)	(NA)
1937 ⁷	(NA)	354	(NA)	(NA)	(NA)	22,915	(NA)	20,338	40,197	36,392	76,589	(NA)	(NA)	(NA)
1935 ²	(NA)	353	(NA)	23,479	23,141	21,380	(NA)	18,007	35,742	31,950	67,692	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Footnotes for Table 1-22A-Continued

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Comparable data not available for prior years.

³The figures for Weaving Mills, Synthetics, for 1937 and later years relate to establishments primarily producing fabrics over 12 inches in width. Dyeing and finishing departments of integrated mills are included in this industry. Data for 1935 are for mills producing fabrics 18 inches and over in width and exclude finishing departments of integrated mills. Value added in 1937 on a basis comparable to 1935 was \$104.8 million.

⁴The 1957 Standard Industrial Classification combined in this industry two industries which were separate in the 1945 Standard Industrial Classification. These were old industry 2213, Woolen and Worsted Fabrics, and old industry 2216, Finishing Wool Textiles. The data for 1954 and earlier years as published in the 1954 Census of Manufactures for these two industries have therefore been combined. The revised SIC also includes in new industry 2231 establishments primarily engaged in shrinking and sponging of cloth. These establishments were formerly included in old industry 2399. Therefore, data for 1958 and later years are not completely comparable with earlier information.

⁵Prior to 1958 establishments classified in old industry 2216 reported as their "Value of Shipments" the value added by their finishing operations. The cost of unfinished cloth purchased or transferred to the establishment was therefore excluded from the cost of materials. In 1958 and later years, these establishments included the cost of the unfinished cloth in "Cost of Materials" and reported the actual selling price in "Value of Shipments." Therefore, data for 1954 and earlier years are not comparable.

⁶A review of the reports for 1958 indicated that a large number of small establishments were misclassified as to industry and included in this industry. This would not significantly affect the statistics other than the number of establishments.

⁷The figures for narrow fabric mills for 1937 and later years relate to mills primarily producing fabrics 12 inches and under in width. The figures for 1935 relate to silk and rayon mills primarily producing fabrics under 18 inches in width and cotton mills primarily producing fabrics 12 inches and under in width. Value added for 1937 on a basis comparable with 1935 was \$39.8 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2211.—WEAVING MILLS, COTTON													
Total.....	407	350	208,993	771,573	195,530	403,379	688,374	1,256,753	1,823,772	3,104,053	113,366	243,419	1,078,592
New England.....	24	18	8,835	33,068	8,053	16,819	29,288	46,239	59,242	105,037	2,084	18,225	69,029
Massachusetts....	13	8	2,494	8,684	2,318	4,990	7,942	11,222	13,036	24,479	362	7,989	25,487
Middle Atlantic....	50	24	1,767	8,037	1,586	3,193	6,382	15,312	14,571	29,672	521	2,999	19,255
Pennsylvania.....	18	11	859	4,011	779	1,574	3,119	8,175	6,968	14,975	240	1,640	7,115
South Atlantic....	267	254	171,694	636,890	160,749	332,292	568,798	1,034,441	1,515,047	2,572,726	98,945	187,405	849,831
North Carolina....	70	68	49,401	186,009	46,519	96,238	166,904	300,051	475,020	781,609	27,951	53,135	246,143
South Carolina...	117	111	67,378	253,193	63,273	132,999	229,372	426,687	576,184	1,013,776	50,372	76,450	354,407
Georgia.....	70	66	42,214	151,262	39,272	80,239	132,709	232,076	390,284	628,346	15,846	44,016	178,012
East South Central.	36	34	20,756	73,239	19,428	39,230	65,329	126,747	184,935	313,275	7,626	27,018	107,620
Alabama.....	30	28	17,484	60,954	16,436	32,924	54,880	108,472	155,696	262,851	7,109	22,743	88,505
West South Central.	16	14	5,651	19,036	5,459	11,322	17,574	31,013	46,982	77,410	4,144	7,332	30,465
Arkansas.....	3	3	802	2,738	762	1,523	2,516	3,425	5,385	8,818	204	(²)	(²)
Texas.....	13	11	4,849	16,298	4,697	9,799	15,058	27,588	41,597	68,592	3,940	5,366	23,869
North Central and West.....	14	6	290	1,303	255	523	1,003	3,001	2,995	5,933	46	440	2,392
INDUSTRY 2221.—WEAVING MILLS, SYNTHETIC													
Total.....	355	300	88,157	366,045	79,750	171,378	306,464	661,535	1,072,259	1,722,356	35,798	81,688	468,583
New England.....	68	57	8,787	37,283	7,882	16,501	31,110	62,058	102,109	163,815	3,266	10,039	56,973
Maine.....	6	5	451	1,811	400	801	1,334	3,136	3,915	7,049	33	483	2,887
New Hampshire....	9	8	1,330	5,555	1,199	2,416	4,499	10,625	16,025	25,583	561	1,676	7,157
Massachusetts....	25	19	3,696	14,802	3,357	6,843	13,021	22,937	35,067	57,593	1,155	4,608	25,079
Rhode Island.....	19	18	1,810	7,871	1,614	3,715	6,557	14,466	33,844	49,052	287	1,877	12,692
Connecticut.....	9	7	1,500	7,244	1,312	2,726	5,699	10,894	13,258	24,538	1,230	1,395	9,158
Middle Atlantic....	133	95	10,827	47,194	9,877	20,186	39,436	82,463	117,907	202,425	2,107	12,795	79,899
New York.....	18	9	1,097	4,960	936	1,626	3,575	9,636	9,578	19,021	229	1,296	9,821
New Jersey.....	42	24	1,364	7,240	1,173	2,340	5,880	14,004	15,638	29,444	144	1,992	17,181
Pennsylvania.....	73	62	8,366	34,994	7,768	16,220	29,981	58,823	92,691	153,960	1,734	9,507	52,897
South.....	147	144	67,853	278,592	61,377	133,454	233,563	511,911	846,798	1,345,857	30,275	58,205	327,695
Virginia.....	16	16	4,317	18,029	3,898	8,719	15,236	44,547	72,466	117,280	1,243	4,533	30,230
North Carolina....	61	59	32,052	133,126	28,784	62,716	111,254	239,328	394,833	628,062	13,348	29,173	158,587
South Carolina....	43	43	23,087	95,189	21,102	46,136	80,109	170,690	300,594	464,217	10,394	17,962	103,886
Georgia.....	17	16	5,328	20,257	4,794	10,125	16,874	36,982	47,659	84,579	2,994	4,942	24,572
Alabama.....	4	4	1,333	4,595	1,228	2,404	3,955	8,804	12,468	21,118	630	(²)	(²)
North Central and West.....	7	4	710	2,976	614	1,237	2,355	5,103	5,445	10,259	150	649	4,016
INDUSTRY 2231.—WEAVING, FINISHING MILLS, WOOL													
Total.....	361	249	47,429	202,892	41,627	85,034	160,188	386,622	629,471	1,010,692	15,539	55,952	336,618
New England.....	160	125	20,754	85,924	18,627	38,280	69,619	148,985	207,247	355,526	3,588	24,166	147,660
Maine.....	23	20	5,213	20,614	4,709	10,041	17,149	38,998	47,559	85,769	741	5,091	28,246
New Hampshire....	16	16	3,624	14,999	3,392	6,926	12,791	25,565	34,474	59,224	482	4,364	26,693
Vermont.....	7	6	575	1,993	525	902	1,757	2,666	2,987	5,494	7	718	4,472
Massachusetts....	56	47	7,770	33,166	6,915	14,218	25,947	56,297	92,767	148,566	1,777	9,894	64,985
Rhode Island.....	46	27	2,390	9,646	2,015	3,985	7,531	15,941	16,174	33,918	173	2,319	12,017
Connecticut.....	12	9	1,182	5,506	1,071	2,208	4,444	9,518	13,286	22,555	408	1,780	11,247
Middle Atlantic....	103	54	6,867	35,735	5,637	11,177	25,621	57,163	44,263	101,001	2,449	9,716	65,779
New York.....	47	21	3,253	18,789	2,470	4,797	12,272	29,021	11,960	41,461	967	4,101	31,930
New Jersey.....	11	4	645	3,126	554	1,190	2,383	5,970	8,778	14,284	746	1,779	11,131
Pennsylvania.....	45	29	2,969	13,820	2,613	5,190	10,966	22,172	23,525	45,256	736	3,836	22,718
East North Central.	14	7	1,256	5,232	1,066	2,139	3,730	8,420	4,420	12,556	294	2,170	10,937
Ohio.....	5	4	597	2,425	491	979	1,625	4,138	1,516	5,441	167	1,067	5,830
West North Central.	8	7	481	1,807	406	783	1,334	2,733	2,971	5,508	49	509	3,010
Missouri.....	3	3	125	492	97	187	352	320	552	887	17	152	952
South Atlantic....	44	37	14,876	60,236	13,112	26,742	49,070	140,828	340,816	478,101	8,584	16,076	86,317
North Carolina....	8	6	3,762	15,206	3,369	6,939	12,795	31,646	66,358	97,671	1,647	3,426	19,381
South Carolina...	9	9	3,240	13,237	2,650	5,506	9,462	38,102	70,970	107,373	3,380	2,984	16,715
Georgia.....	12	10	3,916	15,765	3,623	7,096	13,889	29,194	71,787	100,512	1,591	5,479	27,451
East South Central.	7	6	2,074	9,113	1,759	3,956	6,781	19,186	20,698	39,551	439	1,873	14,154
West South Central.	4	3	141	511	132	237	452	1,377	1,470	2,986	12	148	872

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2231.—WEAVING, FINISHING MILLS, WOOL—Continued													
West.....	21	10	980	4,334	888	1,720	3,581	7,930	7,586	15,463	124	1,294	7,889
Oregon.....	8	6	402	1,559	370	702	1,339	2,903	3,181	6,039	75	711	3,892
INDUSTRY 2241.—NARROW FABRIC MILLS													
Total.....	384	215	23,154	91,869	20,647	40,614	72,956	172,493	176,776	349,071	6,907	24,587	142,638
New England.....	127	76	8,042	32,271	7,209	14,045	26,077	58,091	56,876	115,241	1,609	9,720	54,412
Massachusetts....	36	19	2,213	9,051	1,956	3,785	7,523	14,795	16,728	31,964	242	3,200	18,567
Rhode Island.....	55	37	4,299	16,366	3,907	7,614	13,178	30,812	32,371	63,163	1,036	4,507	23,963
Connecticut.....	18	9	906	4,026	784	1,545	3,171	7,314	5,340	12,547	201	1,163	6,718
Middle Atlantic....	150	63	7,135	30,424	6,174	11,978	22,967	52,563	54,213	107,153	1,729	8,234	48,804
New York.....	48	13	1,531	8,124	1,210	2,435	5,775	16,918	18,292	34,981	471	2,442	17,502
New Jersey.....	45	15	1,310	6,656	1,090	2,018	4,732	10,795	8,782	19,573	225	1,186	7,131
Pennsylvania.....	57	35	4,294	15,644	3,874	7,525	12,460	24,850	27,139	52,599	1,033	4,606	24,171
North Central.....	10	5	580	2,766	532	1,118	2,328	6,286	4,527	10,914	143	795	4,635
South.....	92	69	7,323	26,131	6,666	13,341	21,350	55,044	60,910	115,000	3,424	5,791	34,631
Maryland.....	5	5	395	1,072	369	684	904	3,129	1,321	4,455	52	404	2,391
Virginia.....	9	7	1,254	4,033	1,200	2,297	3,615	7,795	10,230	17,994	586	975	6,976
North Carolina....	31	24	2,775	10,361	2,478	4,944	8,107	21,325	23,410	44,409	1,646	1,967	10,854
South Carolina....	18	13	1,200	4,619	1,110	2,351	3,925	11,511	13,492	24,594	399	696	4,631
Kentucky.....	3	3	152	546	139	266	435	865	806	1,712	(D)	(²)	(²)
Alabama.....	10	9	902	3,473	803	1,687	2,720	6,014	7,194	13,066	545	631	3,790
West.....	5	2	74	277	66	132	234	509	250	763	2	47	156

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2211, Weaving Mills, Cotton: New England—Maine, 4 (2,500-4,999); New Hampshire, 1 (500-999); Rhode Island, 4 (774); Connecticut, 2 (20-99); Middle Atlantic—New York, 14 (133); New Jersey, 18 (775); East North Central—Ohio, 2 (20-99); Illinois, 6 (20-99); Wisconsin, 1 (20-99); West North Central—Missouri, 1 (1-19); South Atlantic—Maryland, 1 (20-99); Virginia, 7 (12,611); West Virginia, 1 (1-19); Florida, 1 (20-99); East South Central—Tennessee, 4 (1,000-2,499); Mississippi, 2 (500-999); Pacific—Oregon, 1 (20-99); California, 3 (20-99).

SIC 2221, Weaving Mills, Synthetic: East North Central—Ohio, 1 (1-19); Illinois, 1 (20-99); West North Central—Iowa, 1 (1-19); Missouri, 1 (500-999); South Atlantic—Maryland, 1 (20-99); East South Central—Kentucky, 1 (250-499); Tennessee, 3 (1,000-2,499); West South Central—Texas, 1 (100-249); Pacific—Oregon, 1 (20-99); California, 2 (20-99).

SIC 2231, Weaving, Finishing Mills, Wool: East North Central—Illinois, 3 (248); Michigan, 1 (1-19); Wisconsin, 5 (250-499); West North Central—Minnesota, 4 (100-249); Iowa, 1 (100-249); South Atlantic—Maryland, 4 (572); Virginia, 10 (2,500-4,999); West Virginia, 1 (200-249); East South Central—Kentucky, 1 (20-99); Tennessee, 3 (1,288); Alabama, 2 (500-999); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (20-99); Texas, 3 (100-249); Mountain—New Mexico, 1 (1-19); Utah, 1 (20-99); Pacific—Washington, 1 (250-499); California, 10 (100-249).

SIC 2241, Narrow Fabric Mills: New England—Maine, 3 (100-249); New Hampshire, 15 (250-499); East North Central—Ohio, 3 (100-249); Illinois, 3 (290); Michigan, 2 (1-19); West North Central—Missouri, 1 (20-99); Nebraska, 1 (20-99); South Atlantic—West Virginia, 1 (100-249); Georgia, 4 (20-99); Florida, 3 (100-249); East South Central—Tennessee, 5 (100-249); Mississippi, 1 (20-99); West South Central—Texas, 2 (1-19); Pacific—Oregon, 1 (1-19); California, 4 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetic (SIC 2221)	Weaving, finishing mills, wool (SIC 2231)			Narrow fabric mills (SIC 2241)
			Total	Weaving, finishing own wool fabrics (2231-11)	Commission weaving, finishing wool fabrics (2231-51)	
Primary product specialization ratio ¹.....	.92	.86	.86	(NA)	(NA)	.91
Coverage ratio ².....	.80	.82	.96	(NA)	(NA)	.97
Establishments, total.....number..	407	355	361	241	120	384
With 1 to 19 employees.....do....	57	55	112	70	42	169
With 20 to 99 employees.....do....	43	114	113	50	63	148
With 100 employees or more.....do....	307	186	136	121	15	67
Proprietors and working partners.....do....	40	55	78	(NA)	(NA)	100
All employees (average for the year).....do....	208,993	88,157	47,429	41,811	5,618	23,154
Payroll (all employees), total for year.....\$1,000..	771,573	366,045	202,892	177,432	25,460	91,869
Production workers:						
Average for the year.....number..	195,530	79,750	41,627	36,645	4,982	20,647
March.....do....	194,766	79,934	43,002	38,008	4,994	20,724
May.....do....	194,450	79,197	43,158	38,014	5,144	20,815
August.....do....	196,698	79,299	41,875	36,553	5,322	20,294
November.....do....	196,206	80,570	38,473	34,005	4,468	20,756
Man-hours.....1,000..	403,379	171,378	85,034	74,933	10,101	40,614
January-March.....do....	100,122	42,347	21,758	19,294	2,464	10,300
April-June.....do....	102,418	43,437	22,478	19,805	2,673	10,409
July-September.....do....	96,416	41,573	21,165	18,456	2,709	9,592
October-December.....do....	104,423	44,021	19,633	17,378	2,255	10,313
Wages.....\$1,000..	688,374	306,464	160,188	139,480	20,708	72,956
Cost of materials, etc., total.....do....	1,823,772	1,072,259	629,471	617,059	12,412	176,776
Materials, parts, containers, and supplies consumed.....do....	1,686,519	987,130	580,364	570,903	9,461	154,171
Cost of resales.....do....	24,758	11,002	10,215	9,974	241	16,160
Fuels consumed.....do....	12,950	6,366	7,977	6,368	1,609	1,534
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	5,809	1,959	697	639	59	151
Cost.....\$1,000..	44,631	16,395	7,792	6,819	973	2,550
Generated less sold.....million kw.-hrs..	342	30	44	(D)	(D)	(D)
Contract work.....\$1,000..	54,914	51,366	23,123	22,995	128	2,361
Value of shipments (including resales), total.....do....	3,104,053	1,722,356	1,010,692	959,364	51,328	349,071
Value of resales.....do....	27,696	11,631	10,621	10,242	379	20,436
Value added by manufacture, adjusted.....do....	1,256,753	661,535	386,622	347,764	38,858	172,493
Manufacturers' inventories:						
Beginning of year, total.....do....	677,316	292,874	179,667	177,598	2,069	54,863
Finished products.....do....	285,497	106,231	44,392	44,112	280	18,606
Work-in-process.....do....	151,075	94,840	78,994	78,618	376	17,144
Materials, supplies, fuel, etc.....do....	240,744	91,803	56,281	54,868	1,413	19,113
End of year, total.....do....	625,846	303,248	187,457	185,521	1,936	55,753
Finished products.....do....	259,045	105,227	49,676	49,364	312	18,659
Work-in-process.....do....	153,999	107,282	79,111	78,825	286	17,289
Materials, supplies, fuel, etc.....do....	212,802	90,739	58,670	57,332	1,338	19,805
Expenditures for plant and equipment, total.....do....	130,198	40,016	18,538	17,066	1,472	7,351
New, total.....do....	113,366	35,798	15,539	14,540	999	6,907
New structures and additions to plant.....do....	22,230	4,315	2,947	2,712	235	1,571
New machinery and equipment.....do....	91,136	31,483	12,592	11,828	764	5,336
Used plant and equipment.....do....	16,832	4,218	2,999	2,526	473	444
Selected operating ratios:						
Payroll/Total employment.....	3,692	4,152	4,278	4,244	4,532	3,968
Production workers/Total employment.....	.94	.90	.88	.88	.89	.89
Man-hours/Production workers.....	2,063	2,149	2,043	2,045	2,027	1,967
Production worker wages/Man-hours.....	1.71	1.79	1.88	1.86	2.05	1.80
Cost of materials and payrolls/Total value of shipments.....	.84	.84	.82	.83	.69	.77
Cost of materials/Total value of shipments.....	.59	.62	.62	.64	.23	.51
Adjusted value added/Total employment.....	6,024	7,504	8,295	8,402	7,499	7,450
Salaries and wages/Adjusted value added.....	.61	.55	.52	.51	.60	.53

Note: Detailed figures may not add to totals because of independent rounding or independent truncating of fractions of thousands rather than rounding in separate operations. See Introduction for an explanation of terms used.

Standard notation: - Represents zero. (1) Added in to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2211.—WEAVING MILLS, COTTON											
Establishments.....number..	407	27	15	15	25	18	59	109	87	49	3
All employees:											
Total.....do....	208,993	352	(D)	(D)	823	1,296	10,537	40,425	60,914	68,999	25,647
Payroll.....\$1,000..	771,573	1,410	(D)	(D)	3,411	4,997	37,394	146,464	226,103	256,423	95,371
Value added, adjusted.....do....	1,256,753	3,103	(D)	(D)	6,249	8,539	63,496	226,414	374,137	427,181	147,634
Value of shipments.....do....	3,104,053	6,289	(D)	(D)	11,774	18,987	155,434	554,318	916,851	1,088,306	352,094
Capital expenditures, new...do....	113,366	16,307	(D)	(D)	141	98	18,735	17,143	29,261	31,056	10,625
INDUSTRY 2221.—WEAVING MILLS, SYNTHETIC											
Establishments.....number..	355	24	10	21	49	65	65	71	36	14	-
All employees:											
Total.....do....	88,157	48	64	307	1,647	4,514	10,522	25,672	25,142	20,241	-
Payroll.....\$1,000..	366,045	200	314	1,320	7,005	18,633	44,397	106,681	102,551	84,944	-
Value added, adjusted.....do....	661,535	411	701	2,463	12,161	27,629	84,509	188,423	201,137	144,101	-
Value of shipments.....do....	1,722,356	757	1,441	4,809	24,576	71,564	227,492	542,405	482,342	366,970	-
Capital expenditures, new...do....	35,798	19	27	40	171	1,233	2,462	10,159	12,150	9,537	-
INDUSTRY 2231.—WEAVING, FINISHING MILLS, WOOL											
Establishments.....number..	361	43	33	36	63	50	73	46	15	2	-
All employees:											
Total.....do....	47,429	68	221	511	1,988	3,368	12,578	15,750	12,945	(D)	-
Payroll.....\$1,000..	202,892	459	873	2,172	9,023	14,269	51,413	69,631	55,052	(D)	-
Value added, adjusted.....do....	386,622	997	1,890	3,741	16,960	21,038	82,672	141,750	117,574	(D)	-
Value of shipments.....do....	1,010,692	3,067	3,080	8,370	33,690	47,336	197,320	373,877	343,952	(D)	-
Capital expenditures, new...do....	15,539	35	69	117	298	553	3,186	5,448	5,833	(D)	-
Subindustry 2231-11.—Weaving, Finishing Own Wool Fabrics—MANUFACTURERS											
Establishments.....number..	241	35	19	16	20	30	60	44	15	2	-
All employees:											
Total.....do....	41,811	55	122	212	598	2,040	25,839	(D)	12,945	(D)	-
Payroll.....\$1,000..	177,432	276	432	836	2,442	8,037	110,357	(D)	55,052	(D)	-
Value added, adjusted.....do....	347,764	469	931	1,421	6,686	11,955	208,728	(D)	117,574	(D)	-
Value of shipments.....do....	959,364	2,500	1,979	5,435	21,273	34,682	549,543	(D)	343,952	(D)	-
Capital expenditures, new...do....	14,540	22	38	51	100	341	8,155	(D)	5,833	(D)	-
Subindustry 2231-51.—Commission Weaving, Finishing Wool Fabrics—JOBBERs											
Establishments.....number..	120	8	14	20	43	20	13	2	-	-	-
All employees:											
Total.....do....	5,618	13	99	299	1,390	1,328	2,489	(D)	-	-	-
Payroll.....\$1,000..	25,460	183	441	1,336	6,581	6,232	10,687	(D)	-	-	-
Value added, adjusted.....do....	38,858	528	959	2,320	10,274	9,083	15,694	(D)	-	-	-
Value of shipments.....do....	51,328	567	1,101	2,935	12,417	12,654	21,654	(D)	-	-	-
Capital expenditures, new...do....	999	13	31	66	198	212	479	(D)	-	-	-
INDUSTRY 2241.—NARROW FABRIC MILLS											
Establishments.....number..	384	58	51	60	79	69	50	13	4	-	-
All employees:											
Total.....do....	23,154	133	348	901	2,617	4,914	7,398	4,002	2,841	-	-
Payroll.....\$1,000..	91,869	583	1,321	3,857	10,037	19,578	29,474	16,571	10,448	-	-
Value added, adjusted.....do....	172,493	1,507	2,422	6,426	17,756	38,959	53,531	34,456	17,436	-	-
Value of shipments.....do....	349,071	2,658	5,157	12,621	35,268	77,959	105,967	73,216	36,225	-	-
Capital expenditures, new...do....	6,907	40	86	367	535	1,239	1,835	1,705	1,100	-	-

- Represents zero.
(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.
¹Includes capital expenditures of approximately \$5-\$10 million for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2211	Weaving mills, cotton.....1963..	3,104,053	2,770,424	255,310	78,319	92	3,454,814	2,770,424	684,390	80
	1958..	2,748,584	2,516,711	148,888	82,985	94	3,059,373	2,516,711	542,662	82
2221	Weaving mills, synthetic.....1963..	1,722,356	1,449,960	227,142	45,254	86	1,760,175	1,449,960	310,215	82
	1958..	1,225,509	1,012,315	173,123	40,071	85	1,148,497	1,012,315	136,182	88
2231	Weaving, finishing mills, wool....1963..	1,010,692	841,119	138,249	31,324	86	879,979	841,119	38,860	96
	1958..	929,040	846,138	58,328	24,574	94	878,966	846,138	32,828	96
2241	Narrow fabric mills.....1963..	349,071	294,677	29,508	24,886	91	303,241	294,677	8,564	97
	1958..	301,482	262,689	20,727	18,066	94	270,392	262,689	7,703	97

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Weaving mills, cotton (SIC 2211)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Weaving mills, synthetic (SIC 2221)	Other industries
	WEAVING MILLS, COTTON					WEAVING MILLS, SYNTHETICS			
	Total shipments and receipts of the industry.....	(X)	3,104,053	(X)		Total shipments and receipts of the industry.....	(X)	1,722,356	(X)
	Primary products.....	3,454,814	2,770,424	684,390		Primary products.....	1,760,175	1,449,960	310,215
22111	Gray goods:				22211	Gray goods:			
22112	Cotton duck and allied fabrics.	124,140	111,035	13,105		Rayon and/or acetate pile, upholstery, tie and blanketing fabrics.....	187,386	177,408	9,978
22113	Cotton sheeting and allied fabrics.....	619,360	615,839	3,521	22212	100 percent filament rayon and/or acetate fabrics.....	191,298	186,839	4,459
22114	Cotton print cloth yarn fabrics.	418,979	418,843	136	22213	100 percent spun rayon and/or acetate fabrics.....	94,408	80,802	13,606
	Cotton colored yarn fabrics, towelling and dishcloth fabrics and napped cotton fabrics, including blanketing....	207,153	203,827	3,326	22214	Combination filament and spun rayon and/or acetate fabrics..	40,799	38,737	2,062
22115	Fine cotton goods.....	474,291	417,844	56,447	22215	Rayon and/or acetate mixtures with other fibers.....	168,579	134,027	34,552
22116	Other broad woven cotton fabrics and specialties.....	181,018	146,271	34,747	22216	Nylon and chiefly nylon fabrics	122,928	117,183	5,745
22117	Finished cotton broad woven fabrics.....	724,109	392,510	331,599	22217	Silk and man-made fiber fabrics, n.e.c.....	513,966	451,448	62,518
22617	Fabricated cotton textile products (made in broad woven fabric mills):				22218	Finished man-made fiber and silk broad woven goods.....	336,906	191,222	145,684
22118	Cotton sheets and pillowcases..	328,824	(D)	(D)	22219	Finished blankets.....	93,113	(D)	(D)
23928	Cotton towels and washcloths...	226,447	(D)	(D)	22210	Weaving mills, synthetics, n.s.k.	10,792	(D)	(D)
22119	Other fabricated cotton textile products, n.e.c., including fabrics, n.s.k.....	150,493	80,392	70,101		Secondary products.....	(X)	227,142	(X)
23926pt.	Secondary products.....	(X)	255,310	(X)	2211-	Weaving mills, cotton.....	(X)	2121,461	(X)
23990pt.	Weaving mills, synthetics.....	(X)	130,963	(X)	2231-	Weaving, finishing mills, wool...	(X)	30,641	(X)
2221-	Commission finishing of cotton broad woven fabrics.....	(X)	13,380	(X)	22813	Rayon and/or acetate spun yarns..	(X)	6,834	(X)
22811	Carded cotton yarns.....	(X)	41,542	(X)	22814	Other spun man-made fiber and silk yarns.....	(X)	15,567	(X)
22812	Combed cotton yarns.....	(X)	10,895	(X)	2282-	Throwing and winding mills, n.s.k.	(X)	20,173	(X)
22813	Rayon and/or acetate spun yarns..	(X)	7,588	(X)		Other secondary products.....	(X)	32,459	(X)
22814	Other spun man-made fiber and silk yarns.....	(X)	3,906	(X)		Miscellaneous receipts.....	(X)	45,254	(X)
22960	Tire cord and tire fabrics.....	(X)	13,167	(X)		Commission receipts for work done on materials owned by others, n.e.c.....	(X)	24,955	(X)
	Other secondary products.....	(X)	233,869	(X)		Receipts for products bought and resold without further manufacture.....	(X)	11,631	(X)
	Miscellaneous receipts.....	(X)	78,319	(X)		Other receipts.....	(X)	8,668	(X)
	Commission receipts for work done on material owned by others....	(X)	5,571	(X)		Listing of other industries with over \$2 million shipments of the primary product classes:			
	Receipts for products bought and resold without further manufacture.....	(X)	27,696	(X)	22211	2211 Weaving mills, cotton.....	(X)	(X)	(5-10)
	Other receipts.....	(X)	45,052	(X)	22212	2211 Weaving mills, cotton.....	(X)	(X)	3,106
22111	Listing of other industries with over \$2 million shipments of the primary product classes:				22213	2211 Weaving mills, cotton.....	(X)	(X)	10,056
22112	2221 Weaving mills, synthetics..	(X)	(X)	(2-5)	22215	2211 Weaving mills, cotton.....	(X)	(X)	33,049
22113	2296 Tire cord and fabric.....	(X)	(X)	(5-10)	22216	2211 Weaving mills, cotton.....	(X)	(X)	3,413
22114	2221 Weaving mills, synthetics..	(X)	(X)	(2-5)	22217	2211 Weaving mills, cotton.....	(X)	(X)	28,696
22115	2221 Weaving mills, synthetics..	(X)	(X)	3,326		2231 Weaving, finishing mills, wool.....	(X)	(X)	(over 2)
22116	2221 Weaving mills, synthetics..	(X)	(X)	56,447	22218	2211 Weaving mills, cotton.....	(X)	(X)	(over 2)
22117	2221 Weaving mills, synthetics..	(X)	(X)	27,766	22628	2211 Weaving mills, cotton.....	(X)	(X)	(over 2)
22118	2281 Yarn mills, except wool....	(X)	(X)	(over 2)		2231 Weaving, finishing mills, wool.....	(X)	(X)	(over 2)
22119	2221 Weaving mills, synthetics..	(X)	(X)	18,377	2256	Knit fabric mills.....	(X)	(X)	(5-10)
22617	2261 Finishing plants, cotton....	(X)	(X)	309,965	2261	Finishing plants, cotton....	(X)	(X)	(over 2)
22118	2261 Finishing plants, cotton....	(X)	(X)	(50-100)	2392	Housefurnishings, n.e.c....	(X)	(X)	(over 2)
23928	2392 Housefurnishings, n.e.c....	(X)	(X)	(20-50)	2399	Textile products, n.e.c....	(X)	(X)	(over 2)
22119	2399 Textile products, n.e.c....	(X)	(X)	(over 2)	2211	Weaving mills, cotton.....	(X)	(X)	(over 5)
23929	2261 Finishing plants, cotton....	(X)	(X)	(over 2)	2392	Housefurnishings, n.e.c....	(X)	(X)	(10-20)
22110	2392 Housefurnishings, n.e.c....	(X)	(X)	(over 2)	2241	Narrow fabric mills.....	(X)	(X)	(over 2)
	2221 Weaving mills, synthetics..	(X)	(X)	(over 2)					

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Weaving, finishing mills, wool (SIC 2231)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Weaving, finishing mills, wool (SIC 2231)	Other industries
	WEAVING AND FINISHING MILLS, WOOL					WEAVING, FINISHING MILLS, WOOL—Continued			
	Total shipments and receipts of the industry.....	(X)	1,010,692	(X)		Listing of other industries with over \$2 million shipments of the primary product classes:			
	Primary products.....	879,979	841,119	38,860	22311	2283 Wool yarn mills.....	(X)	(X)	(over 2)
22311	Finished wool yarn, tops, or raw stock not spun or combed at same establishment.....	63,689	(D)	(D)	22312	2221 Weaving mills, synthetics...	(X)	(X)	(10-20)
22312	Wool fabrics, gray goods.....	129,865	(D)	(D)	22313	2221 Weaving mills, synthetics...	(X)	(X)	(over 2)
22313	Finished wool apparel fabrics.....	547,514	(D)	(D)	22314	2221 Weaving mills, synthetics...	(X)	(X)	(over 2)
22314	Finished wool nonapparel fabrics and felts.....	66,142	62,845	3,297					
22315	Receipts for commission finishing or sponging of wool fabrics.....	45,266	43,890	1,376			All industries	Narrow fabric mills (SIC 2241)	Other industries
22319	Wool and chiefly wool blankets (made in wool weaving or finishing mills).....	16,924	13,806	3,118		NARROW FABRIC MILLS			
22310	Wool fabrics, n.s.k.....	10,579	8,499	2,080		Total shipments and receipts of the industry.....	(X)	349,071	(X)
	Secondary products.....	(X)	138,249	(X)		Primary products.....	303,241	294,677	8,564
	Wool yarns.....	(X)	24,191	(X)	22411	Woven narrow fabrics.....	211,077	206,166	4,911
2283-	Other secondary products.....	(X)	114,058	(X)	22414	Braided narrow fabrics.....	59,821	58,332	1,489
	Miscellaneous receipts.....	(X)	31,324	(X)	22415	Covered rubber thread.....	26,940	(D)	(D)
	Commission receipts for work done for others on their materials, except commission finishing, and commission receipts, not specified.....	(X)	17,249	(X)	22410	Narrow fabrics, n.s.k.....	5,403	(D)	(D)
	Receipts for products bought and resold without further manufacture.....	(X)	10,621	(X)		Secondary products.....	(X)	29,508	(X)
	Other receipts.....	(X)	3,454	(X)	23963	Other trimmings and findings.....	(X)	3,353	(X)
						Other secondary products.....	(X)	26,155	(X)
						Miscellaneous receipts.....	(X)	24,886	(X)
						Commission receipts for work done on materials owned by others.....	(X)	4,075	(X)
						Receipts for products bought and resold without further manufacture.....	(X)	20,436	(X)
						Other receipts.....	(X)	375	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Shipments by product class are shown in the section of table 5B for industry 2221, Weaving Mills, Synthetics.

²Includes the following product classes, each of which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 22690, Finished yarn, raw stock, and narrow fabrics, except knit and wool, 22822, Rewound, plied, etc. yarns, other than wool, 22842, Finished thread for industrial or manufacturer's use, 23920, Other housefurnishings, and 23940, Canvas products.

³Shipments by product class are shown in the section of table 5B for industry 2211, Weaving Mills, Cotton, and industry 2231, Weaving Finishing Mills, Wool.

⁴Includes the following product classes, each of which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2256, Knit Fabric Mills, 22629, Commission finishing of man-made fiber and silk broad woven goods, 22832, Wool carpet (weaving and tufting) yarns, and 22982, Soft fiber cordage and twine (except cotton).

⁵Includes the following product classes, each of which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 22217, Silk and man-made fiber fabrics, n.e.c., 22218, Finished man-made fiber and silk broad woven goods, 22562, Circular knit fabrics, 22814, Other spun man-made fiber and silk yarns, 22910, Pressed, punched, or needled felts, except hats, 2297, Scouring and Combing Plants, and 23291, Men's, youths', and boys' heavy outerwear coats and jackets.

⁶Includes the following product classes, each of which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 22210, Weaving mills, synthetics, n.s.k., 22561, Warp knit fabrics, 22920, Lace and net goods, and 23962, Automobile and furniture trimmings.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	1963						1958			
		Total production (quantity)	Total shipments, including interplant transfers		Transfers to other establishments in the same company		Produced and consumed in the same establishment (quantity)	Total production (quantity)	Total shipments, including interplant transfers		Produced and consumed in the same establishment (quantity)
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)			Quantity	Value (\$1,000)	
		(1,000 lin. yds.)	(1,000 lin. yds.)		(1,000 lin. yds.)		(1,000 lin. yds.)	(1,000 lin. yds.)	(1,000 lin. yds.)		(1,000 lin. yds.)
2211- -- 2261 pt. 2392 pt. 2399 pt.	COTTON BROAD WOVEN FABRICS: GRAY GOODS, FINISHED GOODS AND SELECTED FABRICATED PRODUCTS, TOTAL ¹	(X)	(X)	3,454,814	(X)	(X)	(X)	(X)	(X)	3,059,373	(X)
22111 10	Gray goods: Cotton duck and allied fabrics (including combed duck).....	² 205,408	198,954	124,140	17,529	12,404	(D)	200,212	219,659	111,602	3,650
22112 10	Cotton sheeting and allied coarse and medium yarn fabrics.....	² 2,435,002	2,142,845	619,360	492,884	156,419	296,347	2,310,774	1,935,634	526,254	315,095
22113 10	Cotton print cloth yarn fabrics.....	² 3,004,479	2,997,735	418,979	903,153	119,593	(D)	3,339,005	3,381,920	440,711	64,331
22114 --	Cotton colored yarn fabrics, toweling and dishcloth fabrics and napped cotton fabrics, including blanketing, total.....	² 1,186,894	536,400	207,153	169,701	39,768	658,462	1,215,550	659,458	248,704	542,286
22114 10	Cotton colored yarn fabrics (average carded yarns coarser than 35's).....	² 431,706	301,008	142,499	(D)	(D)	135,193	484,951	393,453	175,764	92,915
22114 31	Cotton toweling and dishcloth fabric.....	² 619,366	176,828	43,168	148,734	29,990	442,675	534,849	189,039	43,725	330,756
22114 51	Napped cotton fabrics and blanketing.....	² 135,822	58,564	21,486	(D)	(D)	80,594	195,750	76,966	29,215	118,615
22115 10	Fine cotton fabrics (combed, part combed, and fine carded).....	² 1,520,943	1,208,465	474,291	412,162	185,574	301,610	1,453,437	1,109,666	384,833	306,851
22116 10	Other woven cotton gray fabrics and specialties.....	² 475,543	326,135	181,018	88,508	51,523	147,163	454,726	379,670	202,938	100,291
		(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)				(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)	(1,000 fin. lin. yds.)		(1,000 fin. lin. yds.)
22117 -- 22617 --	Finished cotton broad-woven fabrics (excluding commission finishing), total.....	³ 3,340,132	⁴ 2,074,296	724,109	(D)	(D)	⁴ 1,267,203	³ 2,988,334	⁴ 1,916,626	600,190	⁴ 1,023,880
22117 --	Finished in weaving mills....	³ 1,677,622	⁴ 954,914	411,660	(D)	(D)	⁴ 716,827	³ 1,520,956	⁴ 1,048,298	393,309	⁴ 1,023,880
22617 --	Finished in other industries, total.....	³ 1,662,510	⁴ 1,119,382	312,449	(D)	(D)	⁴ 550,376	³ 1,467,378	⁴ 868,328	206,881	
22117 11 22617 11 22117 31 22617 31 22117 51 22617 51	Bleached and white finished	1,959,152	931,552	212,888	(D)	(D)	991,096	1,947,466	1,051,684	262,075	866,884
	Plain dyed and finished....	1,087,140	883,298	401,847	(D)	(D)	236,857	880,187	676,587	269,213	(D)
	Printed and finished.....	293,840	259,446	86,132	(D)	(D)	39,250	160,681	188,355	59,114	(D)
22117 61 22617 61	Other finished cotton fabrics (flameproofed, mildewproofed, mercerized, embossed, etc.) not bleached, dyed, or printed in the producing establishment.....	(NA)	(NA)	22,355	(NA)	(D)	(NA)	(NA)	(NA)	3,616	(NA)
22117 00 22617 00	Finished cotton broad woven fabrics, n.s.k.....	(X)	(X)	887	(X)	(X)	(X)	(X)	(X)	6,172	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Total production (quantity)	Total shipments, including interplant transfers		Total production (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
22118 10 23928 11	Sheets and pillowcases made from woven fabric:							
	Total as reported in the census of manufactures...	.....	(X)	(X)	328,824	(X)	(X)	239,927
	Total as reported on Census Form MA-23X ⁵.....	.....	(X)	(X)	329,073	(X)	(X)	268,563
	Sheets:							
22118 12 23928 12	Crib size sheets.....	1,000 dozen.	721	720	5,017	864	856	6,640
	Other sheets:							
22118 14 23928 14	Flat.....	...do.....	7,924	8,107	175,055	7,654	7,666	151,326
22118 16 23928 16	Fitted.....	...do.....	4,294	4,195	93,095	2,545	2,477	55,416
22118 53 23928 53	Pillowcases.....	...do.....	10,439	10,764	55,906	10,799	10,658	52,828
22118 00 23928 00	Sheets and pillowcases, n.s.k.....	.....	-	-	-	(X)	(X)	2,353
22119 10 23929 11	Towels and washcloths made from woven fabric:							
	Total as reported in the census of manufactures...	.....	(X)	(X)	226,447	(X)	(X)	174,551
	Total as reported on Census Form MA-23X ⁵.....	.....	(X)	(X)	225,271	(X)	(X)	178,899
22119 12 23929 12	Terry woven towels.....	1,000 dozen.	38,036	37,364	157,532	23,993	24,301	114,306
	Huck and crash towels, total.....	.....	(X)	(X)	33,658	(X)	(X)	33,216
22119 14 23929 14	Made for retail sales.....	1,000 dozen.	5,890	6,030	10,552	(NA)	(NA)	33,216
22119 16 23929 16	Made for industrial and institutional use....	1,000 lin. yds.....	155,033	157,094	23,106			
22119 18 23929 18	Washcloths.....	1,000 dozen.	28,293	28,050	34,081	(X)	(X)	31,377
22119 00 23929 00	Towels and washcloths, n.s.k.....	.....	-	-	-		
22110 -- 23926 pt. 23990 pt.	Other fabricated cotton textile products (including fabrics, n.s.k.) ¹.....	.....	(X)	(X)	150,493	(X)	(X)	129,663
22110 33 23990 22 23990 24	Diapers (excluding disposable).....	1,000 dozen.	(NA)	(NA)	30,097	14,208	14,258	27,119
	Cotton Jacquard woven bedspreads and bed sets: ⁶							
22110 41	Made in cotton weaving mills.....	1,000 pairs or sets....	5,415	5,344	28,505	3,944	3,887	18,911
23926 51	Made in other industries.....	...do.....	2,387	2,256	14,678	3,774	3,465	13,420
	Other than Jacquard woven or tufted cotton bedspreads and bed sets: ⁶							
22110 45	Made in cotton weaving mills.....	...do.....	3,128	2,973	10,533	2,541	2,505	7,627
23926 71	Made in other industries.....	...do.....	3,993	4,004	21,336	814	690	4,189
	Bed and camp blankets, motor robes, etc.:							
22110 51	Crib size.....	1,000 dozen.	1,102	1,055	6,100	1,570	1,609	10,900
22110 55	Regular size.....	...do.....	565	577	11,530	965	902	18,307
22110 98	Other fabricated textile products, n.e.c.....	.....	(X)	(X)	16,350	(X)	(X)	8,411
22110 00	Cotton broad woven fabrics, finished cotton fabrics, etc., n.s.k.....	.....	(X)	(X)	11,364	(X)	(X)	20,779

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963				1958			
			Total production (quantity)	Total shipments, including interplant transfers		Produced and consumed in the same establishment (quantity)	Total production (quantity)	Total shipments, including interplant transfers		Produced and consumed in the same establishment (quantity)
				Quantity	Value (\$1,000)			Quantity	Value (\$1,000)	
2221- -- 22628 --	MAN-MADE FIBER AND SILK BROAD WOVEN FABRICS: GRAY GOODS, FINISHED GOODS, AND BLANKETS, TOTAL.....	.....	(X)	(X)	1,760,175	(X)	(X)	(X)	1,148,497	(X)
22211 15	Gray goods: Rayon and/or acetate pile, upholstery, tie, and blanketing fabrics.....	1,000 lin. yds.....	² 322,444	226,322	187,386	88,273	200,680	138,450	136,743	65,968
22212 10	Other rayon and/or acetate fabrics: 100% filament rayon and/or acetate.....	...do.....	² 669,319	614,454	191,298	6,259	697,572	692,815	201,200	7,518
22213 10	100% spun rayon and/or acetate.....	...do.....	² 292,952	277,484	94,408	(D)	419,714	386,110	93,817	4,840
22214 10	Combination filament and spun 100% rayon and/or acetate.....	...do.....	² 102,386	100,458	40,799	-	121,811	133,581	54,498	(X)
22215 12	Rayon and/or acetate mixtures with other fibers.....	...do.....	² 378,603	338,743	168,579	17,886	214,343	209,923	103,727	(X)
22216 10	Nylon and chiefly nylon fabrics.....	...do.....	² 293,236	289,547	122,928	13,100	306,465	302,300	111,443	10,347
22217 12	Silk and man-made fiber fabrics, except rayon, acetate, or nylon.....	...do.....	¹ 1,049,865	957,526	513,966	103,991	422,910	413,957	210,872	39,475
22218 -- 22628 --	Finished man-made fiber and silk broad woven goods excluding commission finishing, total.	1,000 fin. lin. yds...	³ 344,068	⁴ 303,622	336,906	⁴ 47,174	³ 172,585	⁴ 148,300	157,557	⁴ 226,775
22218 --	Finished in synthetic weaving mills, total.	...do.....	³ 238,069	⁴ 207,708	270,450	(D)	³ 96,090	⁴ 77,779	109,601	⁴ 223,844
22628 --	Finished in other industries, total.....	...do.....	³ 105,999	⁴ 95,914	66,456	(D)	³ 76,495	⁴ 70,521	47,956	⁴ 2,931
22218 11 22628 11	Bleached and white finished: Rayon and/or acetate.....	...do.....	31,864	18,078	19,378	(D)	7,955	9,049	3,034	(D)
22218 15 22628 15	Other broad woven fabrics of man-made fibers or silk.....	...do.....	80,426	87,117	42,295	(D)	32,105	30,965	12,592	-
22218 31 22628 31	Plain dyed and finished: Rayon and/or acetate.....	...do.....	94,399	72,278	90,342	22,305	78,932	57,941	74,972	(D)
22218 35 22628 35	Other broad woven fabrics of man-made fibers or silk.....	...do.....	112,143	103,072	138,345	(D)	44,871	42,430	47,717	(D)
22218 51 22628 51	Printed and finished: Rayon and/or acetate.....	...do.....	10,121	8,971	12,897	(D)	3,262	2,706	4,024	(D)
22218 55 22628 55	Other broad woven fabrics of man-made fibers or silk.....	...do.....	15,115	14,111	14,374	(D)	5,460	5,209	6,590	(D)
22218 61 22628 61	Other finished man-made fiber and silk fabrics (flameproofed, mildewproofed, mercerized, embossed, etc.) not bleached, dyed, or printed in the reporting establishment.....	.....	(NA)	(NA)	18,896	(D)	(NA)	(NA)	6,633	(X)
22628 00	Finished man-made fiber and silk fabric (excluding commission finishing), n.s.k.	.....	(X)	(X)	379	-	(X)	(X)	1,995	(X)
22219 --	Finished blankets, total.....	1,000 dozen.	2,612	2,596	93,113	(X)	1,801	1,813	65,482	(X)
22219 13	Bed blankets (crib and regular size), camp blankets, motor robes, etc., wholly or chiefly rayon and/or acetate.....	...do.....	1,760	1,728	52,727	(X)	1,642	1,657	56,626	(X)
22219 23	Bed blankets (crib and regular size), camp blankets, motor robes, etc., wholly or chiefly man-made fibers other than rayon or acetate.....	...do.....	852	868	40,396	(X)	159	156	8,856	(X)
22210 00	Man-made fiber (and silk) broad woven fabrics, n.s.k.....	.....	(X)	(X)	10,792	(X)	(X)	(X)	13,158	(X)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963				1958			
			Total production (quantity)	Total shipments, including interplant transfers		Produced and consumed in the same establishment (quantity)	Total production (quantity)	Total shipments, including interplant transfers		Produced and consumed in the same establishment (quantity)
				Quantity	Value (\$1,000)			Quantity	Value (\$1,000)	
2231- --	WOOL FABRICS AND FINISHED WOOL YARN, TOP AND RAW STOCKS, NOT SPUN OR COMBED IN THE SAME ESTABLISHMENT, TOTAL ⁷.....	.....	(X)	(X)	879,979	(X)	(X)	(X)	878,966	(X)
22311 11	Finished wool yarns, tops, raw stock, etc., not combed or spun at the reporting plant...	1,000 lbs...	(X)	32,808	63,689	(X)	(X)	15,561	27,140	(X)
22312 --	Wool fabrics, gray goods, total.....	.....	(X)	(X)	129,865	(X)	(X)	(X)	128,546	(X)
22312 10	Woolen and worsted apparel fabrics.....	1,000 lin. yds.....	292,341	67,749	127,511	204,771	280,783	56,216	120,911	208,954
22312 30	Woolen and worsted nonapparel fabrics, except felts.....	...do.....	10,163	(D)	(D)	8,431	10,469	632	2,806	9,513
22312 50	Woven wool felts.....	1,000 lbs...	8,927	(D)	(D)	8,691	9,407	1,264	4,829	8,275
22313 --	Finished wool apparel fabrics, excluding commission finishing, total.....	1,000 fin. lin. yds...	223,340	247,786	547,514	(X)	226,737	238,724	581,526	(X)
22313 11	For government orders.....	...do.....	2,965	3,248	10,601	(X)	4,806	4,587	12,645	(X)
22313 21	Other than government orders: For use in men's and boys' clothing.....	...do.....	78,019	78,229	197,447	(X)	101,375	105,207	264,032	(X)
22313 31	For use in women's and children's clothing.....	...do.....	142,356	166,309	339,466	(X)	120,556	128,930	304,849	(X)
22314 --	Finished wool nonapparel fabrics and felts, excluding commission finishing, total.....	.....	(X)	(X)	66,142	(X)	(X)	(X)	64,009	(X)
22314 11	Blanketing.....	1,000 fin. lin. yds...	6,294	2,433	6,373	3,841	6,347	1,637	5,537	4,715
22314 31	All other, except felts.....	...do.....	719	802	3,782	(X)	2,424	2,303	9,037	(X)
22314 51	Woven wool felts.....	1,000 lbs...	8,618	8,658	55,987	(X)	8,308	8,088	49,435	(X)
22315 --	Receipts for commission finishing of wool textiles, total.....	.....	(X)	(X)	45,266	(X)	(X)	(X)	38,936	(X)
22315 91	Contract receipts for shrinking, sponging, mending, etc., of wool cloth owned by others.....	.....	(X)	(X)	12,211	(X)	(X)	(X)	12,410	(X)
22315 92	Contract receipts for job or commission finishing of wool broad woven fabrics.....	1,000 fin. lin. yds...	55,112	46,813	18,281	(X)	43,516	43,410	13,191	(X)
22315 93	Contract receipts for finishing wool textiles, except broad woven fabrics.....	.....	(X)	(X)	12,062	(X)	(X)	(X)	11,010	(X)
22315 00	Receipts for commission finishing of wool textiles, n.s.k.....	.....	(X)	(X)	2,707	(X)	(X)	(X)	2,325	(X)
22319 --	Wool and chiefly wool bed and camp blankets, motor robes, etc., total.....	1,000 dozen.	220	210	16,924	(X)	225	229	15,840	(X)
22319 21	Crib size.....	...do.....	220	210	16,924	(X)	225	229	15,840	(X)
22319 25	Regular size.....	...do.....								
22310 00	Wool broad woven fabrics, finished wool fabrics, etc., n.s.k.....	.....	(X)	(X)	10,579	(X)	(X)	(X)	22,969	(X)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2241- --	NARROW FABRICS, TOTAL.....	.....	(X)	303,241	(X)	⁸ 270,392
22411 --	Woven narrow fabrics, total:					
	As reported in the census of manufactures ⁹.....	.....	(X)	211,077	(X)	179,488
	As reported on Census Annual Form MA-22G ⁹.....	.....	(X)	205,347	(X)	(X)
	Elastic fabrics, woven.....	1,000 lin.yds.	882,708	63,458	(X)	50,971
	Corset and allied lines:					
22411 02	3/4" and under.....	...do.....	157,291	8,654	}	
22411 03	Over 3/4" to 1-1/2".....	...do.....	79,621	7,893		
22411 04	Over 1-1/2" to 3".....	...do.....	26,846	6,137		
22411 05	Over 3" to 6".....	...do.....	2,679	1,720		
22411 06	Over 6" to 12".....	...do.....				
22411 12	Underwear.....	...do.....	414,634	21,636	}	
22411 21	Other apparel.....	...do.....	135,206	9,923		
22411 23	Other uses.....	...do.....	66,431	7,495		
	Nonelastic fabrics, woven.....	.....	(X)	141,889	(NA)	128,517
	Ribbons, woven edge:					
22411 83	Packaged for over-the-counter sale.....	1,000 lin.yds.	134,674	5,422	}	(NA)
22411 85	All other woven edge ribbons.....	...do.....	555,547	7,608		
22411 71	Woven labels.....	1,000 labels..	3,061,197	21,454	(NA)	15,254
	Tapes (weight less than 15 oz. per square yard):					
22411 51	Zipper tape.....	1,000 lin.yds.	1,314,262	17,254	}	1,015,042
22411 52	Apparel tape, except zipper tape.....	...do.....	917,004	12,131		
22411 54	Household articles tape.....	...do.....	150,680	2,746		
22411 56	All other tape.....	...do.....	697,605	10,853		
	Webbing (weight 15 oz. or more per square yard):					
22411 33	Apparel webbing.....	...do.....	87,378	4,142	}	(NA)
22411 35	Household articles webbing.....	...do.....	191,996	7,955		
22411 37	Safety belt webbing.....	...do.....	49,142	11,201		
22411 39	All other webbing.....	...do.....	227,583	31,935		
22411 98	All other woven nonelastic fabrics.....	.....	(X)	9,188	(X)	10,510
22411 00	Woven narrow fabrics, except elastic, n.s.k.....	.....	(X)	(X)		
22414 --	Braided narrow fabrics, total:					
	As reported in the census of manufactures ⁹.....	.....	(X)	59,821	(X)	57,433
	As reported on Census Annual Form MA-22G ⁹.....	.....	(X)	61,016	(X)	(X)
22414 11	Braids, elastic:					
	Quantity reported.....	1,000 lin.yds.	1,860,795	25,313	1,058,006	18,453
	Quantity not reported.....	.....	(X)	(X)		
	Braids, nonelastic:					
22414 21	Shoe and corset laces.....	1,000 lbs.....	5,560	13,474	5,750	11,292
22414 31	Other nonelastic braids.....	.....	(X)	22,229		
22414 00	Braided narrow fabrics, n.s.k.....	.....	(X)	(X)	(X)	1,997
22415 11	Covered rubber and spandex thread.....	1,000 lbs.....	8,665	26,940	9,438	25,318
22410 00	Narrow fabrics, n.s.k.....	.....	(X)	5,403	(X)	8,153

Note: Gray goods produced and consumed include fabrics woven and finished in the same establishment.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Data for selected fabricated products that are made in significant amounts from cotton fabrics at cotton weaving mills are shown in this table. Data for other fabricated products such as bags, tents, housefurnishings, etc.; which are also made at weaving mills but not by a large number of plants are published in the census of manufactures report MC63(2)-23E, Miscellaneous Fabricated Textile Products.

Footnotes continued on next page.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Footnotes for Table 6A-22A—Continued

²Production data for gray goods with a detailed breakdown by type of fabric, are collected on a quarterly basis and published in Current Industrial Reports Series M22T.1, Cotton Broad Woven Goods and M22T.2, Man-Made Fiber Broad Woven Goods. In special supplements for the first quarter of 1963 detailed data including prior year information, were also published for average weight and width of fabric production. Because of reporting differences by individual companies, and some misclassification of fabrics, the data shown in this report differ from that published in the current survey. The summary figures as published in Current Industrial Reports Series M22T.1 and M22T.2 are shown here, however, for comparative purposes.

Code	Product	Total production Census Survey M22T (1,000 lin. yds.)
22111 10	Cotton duck and allied fabrics (including combed duck).....	212,788
22112 10	Cotton sheeting and allied coarse and medium yarn fabrics.....	2,394,351
22113 10	Cotton print cloth yarn fabrics.....	2,979,475
22114 --	Cotton colored yarn fabrics, toweling, and dishcloth fabrics and napped cotton fabrics, including blanketing, total.....	1,203,466
22114 10	Cotton colored yarn fabrics.....	435,861
22114 31	Cotton toweling and dishcloth fabrics.....	617,539
22114 51	Napped cotton fabrics and blanketing.....	150,066
22115 10	Fine cotton fabrics (combed, part combed, and fine carded).....	1,519,881
22116 10	Other woven cotton fabrics and specialties.....	449,331
22211 15	Rayon and/or acetate pile, upholstery, tie and blanketing fabrics.....	309,944
22212 10	100% filament rayon and/or acetate fabrics.....	660,167
22213 10	100% spun rayon and/or acetate.....	300,703
22214 10	Combination filament and spun 100% rayon and/or acetate.....	102,624
22215 12	Rayon and/or acetate mixtures with other fibers (gray goods), except blanketing, pile, upholstery, drapery, and tapestry fabrics.....	353,032
22216 10	Nylon and chiefly nylon fabrics.....	293,742
22217 12	Silk and man-made fiber fabrics, except rayon, acetate, or nylon.....	1,040,473

³Excludes other finished fabrics, fabrics not specified by kind, and commission finishing. Production data for finished fabrics are published in Current Industrial Reports Series M22S, Broad Woven Goods Finished. This report also furnishes detailed information by type of fabric finished within major end use categories. Data for fabrics finished on commission are shown in the Census of Manufactures Report MC63(2)-22C, "Dyeing and Finishing Textiles, Except Wool Fabrics and Knit Goods."

⁴Excludes quantity data for other finished fabrics and finished fabrics not specified by kind.

⁵Information on sheets, pillowcases and towels are collected on an annual basis and published in Current Industrial Reports Series M-23X, Sheets, Pillowcases, and Towels. The detail shown in this table is from that report. However, the 1958 data as published in the census were revised when issued in the M-23X report. In the 1958 census, separate reports were received for each manufacturing plant. In some cases, a manufacturing plant produced sheets, pillowcases, or towels on commission for another office of the company or for another company. In such cases, the manufacturing plant reported the quantity of products produced and commission receipts for work performed. Where the other office for whom the products were made did not perform any manufacturing operations, the establishment, such as a selling office, was excluded from the census of manufactures. Consequently, the 1958 data representing shipments from manufacturing plants understated the shipments data for individual products. In order to obtain 1958 data comparable to that shown for later years, the 1958 data were revised for plants producing products for the account of nonmanufacturing establishments.

⁶In the report MC63(2)-23E, Miscellaneous Fabricated Textile Products data are shown for man-made fiber bedspreads and bed sets. In addition, bedspreads and bed sets were reported without fiber identification. Such products are also shown in the report MC63(2)-23E and are excluded from this table.

⁷The Census Bureau publishes detailed quarterly production data for woolen and worsted fabrics in Current Industrial Reports Series M22T.3, Wool Broad Woven Goods. In a special supplement for the first quarter of 1963, detailed data including prior year information, were also published for average weight and width of fabric production. In the M22T survey, "production" represents cloth woven during the period and is reported in equivalent finished linear yards. Production as reported in the census of manufactures differed from the M22T concept for several reasons; the census of manufactures data frequently were reported in actual yards, the finished fabrics data represented the quantity of fabrics finished for own account rather than the quantity woven, thus excluding the amount finished on commission, and the census of manufactures reports sometimes covered fiscal years rather than the calendar periods. The summary figures as published in Current Industrial Reports Series M22T.3 are shown below:

Product code	Product	Unit of measure	Total production	
			1963	1958
22312 10	Woolen and worsted apparel fabrics.....	1,000 fin. lin. yds....	273,939	262,216
22312 30	Woolen and worsted nonapparel fabrics.....	...do.....	10,466	9,124
22312 50	Woven wool felts.....	1,000 lbs.....	8,562	8,340

⁸The 1958 Census of Manufactures data were not collected on a basis completely comparable with the 1963 information. More detailed data are shown in the census of manufactures report for that year.

⁹Information on narrow fabrics is collected on an annual basis and published in Current Industrial Reports Series MA-22G, Narrow Fabrics. The detail shown in this table is from that report. Differences between the data collected in the census of manufactures and the current survey are the result of reporting differences for individual plants furnishing data in the two surveys.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
2211- 2261 pt 2392 pt	Cotton broad woven fabrics: gray goods, finished goods and selected fabricated products ¹.....1963.. 1958..	108 102	103 97	2221- 22628	Man-made fiber and silk broad woven fabrics: gray goods, finished goods, and blankets ¹ —Continued		
22111	Cotton duck and allied fabrics (including combed duck).....1963.. 1958..	87 98	108 89	22215	Rayon and/or acetate mixtures with other fibers.....1963.. 1958..	204 129	106 106
22112	Cotton sheeting and allied coarse and medium yarn fabrics.....1963.. 1958..	106 96	107 100	22216	Nylon and chiefly nylon fabrics.....1963.. 1958..	86 90	95 82
22113	Cotton print cloth yarn fabrics.....1963.. 1958..	75 85	108 101	22217	Silk and man-made fiber fabrics except rayon acetate, or nylon.....1963.. 1958..	380 164	88 84
22114	Cotton colored yarn fabrics, toweling and dishcloth fabrics and napped cotton fabrics, including blanketing.....1963.. 1958..	65 81	107 102	22218 22628	Finished man-made fiber and silk broad woven goods excluding commission finishing ¹.....1963.. 1958..	269 141	99 90
22115	Fine cotton fabrics (combed, part combed, and fine carded).....1963.. 1958..	140 129	106 94	22219	Finished blankets.....1963.. 1958..	219 133	88 103
22116	Other woven cotton gray fabrics and specialties.....1963.. 1958..	72 88	97 93	2231-	Wool fabrics and finished wool yarn top and raw stocks, not spun or combed in the same establishment ²....1963.. 1958..	87 83	92 95
22117 22617	Finished cotton broad woven fabrics (excluding commission finishing) ¹.....1963.. 1958..	129 110	98 94	22311	Finished wool yarns, tops, raw stocks, etc., not combed or spun at the reporting plant.....1963.. 1958..	99 51	101 86
22118 23928	Sheets and pillowcases made from woven fabric ¹.....1963.. 1958..	146 112	105 100	22312	Wool fabrics, gray goods.....1963.. 1958..	75 66	86 97
22119 23929	Towels and washcloths made from woven fabric ¹.....1963.. 1958..	168 123	92 96	22313	Finished wool apparel fabrics, excluding commission finishing.....1963.. 1958..	94 91	84 92
22110	Other fabricated cotton textile products (made in cotton weaving mills).....1963.. 1958..	112 115	100 95	22314	Finished wool nonapparel fabrics and felts, excluding commission finishing.....1963.. 1958..	61 61	127 125
2221- 22628	Man-made fiber and silk broad woven fabrics: gray goods, finished goods, and blankets ¹.....1963.. 1958..	176 115	95 91	22319	Wool and chiefly wool bed and camp blankets, motor robes, etc.....1963.. 1958..	54 64	103 86
22211	Rayon and/or acetate pile upholstery, tie, and blanketing fabrics.....1963.. 1958..	329 202	73 87	2241-	Narrow fabrics.....1963.. 1958..	113 104	105 104
22212	100% filament rayon and/or acetate.....1963.. 1958..	76 86	103 96	22411	Woven narrow fabrics.....1963.. 1958..	108 98	112 106
22213	100% spun rayon and/or acetate.....1963.. 1958..	51 71	120 86	22414	Braided narrow fabrics.....1963.. 1958..	115 97	92 105
22214	Combination filament and spun 100% rayon and/or acetate.....1963.. 1958..	90 119	113 114	22415	Covered rubber and spandex thread.....1963.. 1958..	127 130	102 91

¹These indexes have been computed on a "wherever-made" basis—that is, they reflect the shipments reported by finishing mills as well as weaving mills for the product classes so indicated.

²Adjusted to include receipts for commission finishing of wool textiles (product class 22315).

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments: 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958
2211-	Weaving mills, cotton ²	3,396,804	3,517,464	3,357,966	3,366,027	3,399,646	3,017,506
	Gray Goods:						
22111	Cotton duck and allied fabrics.....	124,140	133,441	124,549	122,152	132,178	111,602
22112	Cotton sheeting and allied fabrics.....	619,360	612,269	579,742	597,698	595,526	526,254
22113	Cotton print cloth yarn fabrics.....	418,979	448,544	448,464	484,632	487,874	440,711
22114	Cotton colored yarn fabrics, towelling and dishcloth fabrics and napped cotton fabrics, including blanketing.....	207,153	242,594	221,372	254,304	271,081	248,704
22115	Fine cotton goods.....	474,291	488,909	452,007	474,714	451,875	384,833
22116	Other broad woven cotton fabrics and specialties.....	181,018	236,685	242,407	249,348	240,702	202,938
	Finished cotton broad woven fabrics:						
22117	Finished in weaving mills ³	724,109	771,985	733,349	654,293	692,368	600,190
22617	Finished in other industries ³						
	Fabricated cotton textile products:						
	Cotton sheets and pillowcases:						
22118	Made in textile mills ⁴	328,824	294,415	271,028	261,164	250,836	239,927
23928	Made from purchased fabrics ⁴						
	Cotton towels and washcloths:						
22119	Made in textile mills ⁴	226,447	218,797	211,799	197,280	196,165	174,551
23929	Made from purchased fabrics ⁴						
22110	Other fabricated cotton textile products made in weaving mills, including fabrics, n.s.k.....	92,483	69,835	73,249	70,442	81,041	87,796
2221-	Weaving mills, synthetic ²	1,760,175	1,506,327	1,307,425	1,321,831	1,316,662	1,148,497
	Gray goods:						
22211	Rayon and or acetate pile, upholstery, tie, and blanketing fabric.	187,386	162,043	151,619	161,779	159,527	136,743
22212	100% filament rayon and/or acetate fabrics.....	191,298	258,235	218,863	204,703	201,136	201,200
22213	100% spun rayon and/or acetate fabrics.....	94,408	106,180	79,724	79,902	84,780	93,817
22214	Combination filament and spun rayon and/or acetate fabrics.....	40,799	52,189	43,825	47,749	57,784	54,498
22215	Rayon and/or acetate mixtures with other fibers.....	168,579	135,833	120,247	117,602	131,311	103,727
22216	Nylon and chiefly nylon fabrics.....	122,928	105,088	92,322	120,906	126,332	111,443
22217	Silk and man-made fibers, n.e.c.....	513,966	372,533	317,953	308,258	270,059	210,872
	Finished man-made fiber and silk broad woven fabrics:						
22218	Finished in weaving mills ³	336,906	229,535	206,406	195,788	194,935	157,557
22628	Finished in other industries ³						
22219	Finished blankets.....	93,113	81,043	72,240	77,159	74,632	65,482
22210	Weaving mills, synthetic, n.s.k.....	10,792	⁴ (3,648)	⁴ (4,226)	⁴ (7,985)	⁴ (16,166)	13,158
2231-	Wool fabrics and related products.....	879,979	1,011,632	914,276	926,514	982,515	878,966
22311	Finished wool yarn, tops, or rawstock not spun or combed at same establishment.....	63,689	45,309	40,228	31,818	26,050	27,140
22312	Wool fabrics, grey goods.....	129,865	(225,716)	188,174	164,883	(161,826)	128,546
22313	Finished wool apparel fabrics.....	547,514	615,750	561,642	608,826	653,475	581,526
22314	Finished wool nonapparel fabrics and felts.....	66,142	59,504	59,180	60,460	68,718	64,009
22315	Receipts for commission finishing or sponging of wool fabrics.....	45,266	37,053	38,785	37,729	41,609	38,936
22319	Wool and chiefly wool blankets.....	16,924	12,058	9,479	(S)	(S)	15,840
22310	Wool fabrics, n.s.k.....	10,579	16,242	16,788	(S)	(S)	22,969
2241-	Narrow fabrics.....	303,241	336,652	303,277	305,498	327,161	270,392
22411	Woven narrow fabrics.....	211,077	241,472	215,229	214,109	228,741	179,488
22414	Braided narrow fabrics.....	59,821	61,129	55,678	59,407	65,756	57,433
22415	Covered rubber thread.....	26,940	23,394	24,536	23,041	22,943	25,318
22410	Narrow fabrics, n.s.k.....	5,403	10,657	7,834	(8,941)	(9,721)	8,153

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. Figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.²Value of shipments for this 4-digit group contains extensive duplication. Such duplication arises where the products of some establishments are used as materials by other establishments classified in the same industry.³Figures for these classes of products are combined on the basis of a consistency review.⁴Figures for these classes of products are combined to avoid disclosure.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
COTTON DUCK AND ALLIED FABRIC (22111)			OTHER BROAD WOVEN COTTON FABRICS AND SPECIALTIES (22116)			100% FILAMENT RAYON AND/OR ACETATE FABRICS (22212)		
United States, total....	124,140	111,602	United States, total....	181,018	202,938	United States, total....	191,298	201,200
South Atlantic.....	67,782	60,485	New England.....	4,582	10,311	New England.....	42,768	(²)
Georgia.....	39,215	34,957	Middle Atlantic.....	16,250	30,174	Rhode Island.....	18,077	16,487
East South Central.....	39,402	35,140	New York.....	1,902	2,535	Middle Atlantic.....	32,693	(²)
Alabama.....	39,402	(²)	New Jersey.....	10,816	12,136	South.....	115,837	127,120
West South Central.....	11,905	13,538	Pennsylvania.....	3,532	15,503	North Carolina.....	30,642	39,333
All other divisions.....	5,051	2,439	East North Central.....	1,494	2,455	South Carolina.....	33,546	35,463
			South.....	158,692	159,998			
COTTON SHEETING AND ALLIED FABRICS (22112)			North Carolina.....	63,788	52,092	100% SPUN RAYON AND/OR ACETATE FABRICS (22213)		
United States, total....	619,360	526,254	South Carolina.....	30,729	30,615	United States, total....	94,408	93,817
South Atlantic.....	507,001	414,221	Georgia.....	43,772	52,548	Northeast.....	2,574	4,000
South Carolina.....	227,822	186,284	FINISHED COTTON BROAD WOVEN FABRICS (22117 and 22617)			South.....	91,834	89,817
Georgia.....	194,259	136,782	United States, total....	724,109	600,190	North Carolina.....	26,717	24,431
East South Central.....	76,845	86,129	New England.....	45,989	73,989	South Carolina.....	56,582	48,601
All other divisions.....	35,514	25,904	Massachusetts.....	32,747	55,173			
Texas.....	15,056	8,012	Rhode Island.....	3,738	1,884	COMBINATION FILAMENT AND SPUN RAYON AND/OR ACETATE FABRICS (22214)		
			Middle Atlantic.....	16,456	17,245	United States, total....	40,799	54,498
COTTON PRINT CLOTH YARN FABRICS (22113)			New York.....	10,053	(²)	Northeast.....	4,316	6,694
United States, total....	418,979	440,711	New Jersey.....	4,674	(²)	South.....	36,483	47,804
South Atlantic.....	365,593	400,992	Pennsylvania.....	1,729	(²)	North Carolina.....	18,173	25,804
North Carolina.....	39,567	44,393	North Central.....	2,870	(²)	South Carolina.....	15,719	20,445
South Carolina.....	314,604	328,430	South and West.....	658,794	(²)			
Georgia.....	11,422	(²)	North Carolina.....	173,787	131,630	RAYON AND/OR ACETATE MIXTURES WITH OTHER FIBERS N.E.C. (22215)		
All other divisions.....	53,386	39,719	South Carolina.....	207,951	140,784	United States, total....	168,579	103,727
Alabama.....	28,150	(²)	Georgia.....	120,247	92,464	New England.....	11,581	(²)
			Alabama.....	37,979	24,966	Massachusetts.....	7,135	9,773
COTTON COLORED YARN, TOWELLING AND DISHCLOTH FABRICS, AND NAPPED COTTON FABRICS (INCLUDING BLANKETING) (22114)			COTTON SHEETS AND PILLOW-CASES (22118 and 23928)			Middle Atlantic.....	26,273	(²)
United States, total....	207,153	248,704	United States, total....	328,824	³ 239,927	Pennsylvania.....	25,032	7,902
Northeast and North Central.	2,225	3,803	South Atlantic:			South and West.....	130,725	77,974
South.....	204,928	244,901	North Carolina.....	100,113	69,571	North Carolina.....	73,169	43,481
North Carolina.....	77,079	99,576	South Carolina.....	136,509	83,728	South Carolina.....	34,417	20,746
South Carolina.....	41,843	33,643	Georgia.....	19,553	(²)	Georgia.....	11,260	7,993
Georgia.....	44,011	40,543	All other states.....	72,649	(²)			
			COTTON TOWELS AND WASHCLOTHS (22119 and 23929)			NYLON AND CHIEFLY NYLON FABRICS (22216)		
FINE COTTON GOODS (22115)			United States, total....	226,447	³ 174,551	United States, total....	122,928	111,443
United States, total....	474,291	384,833	Northeast.....	2,844	(²)	New England.....	21,250	11,637
New England.....	46,066	70,263	South Atlantic.....	185,370	(²)	Massachusetts.....	7,631	6,465
Rhode Island.....	5,566	(²)	South Carolina.....	12,819	(²)	Middle Atlantic.....	5,845	8,433
Connecticut.....	2,056	(²)	Georgia.....	37,007	28,197	Pennsylvania.....	4,156	(²)
Middle Atlantic.....	3,491	2,564	All other divisions.....	38,233	(²)	South and West.....	95,833	91,373
South.....	424,734	312,006	RAYON AND/OR ACETATE PILE, UPHOLSTERY, TILE, AND BLANKETING FABRICS (22211)			Virginia.....	19,036	19,979
North Carolina.....	94,909	63,165	United States, total....	187,386	136,743	North Carolina.....	29,592	31,289
South Carolina.....	250,337	209,556	Middle Atlantic.....	46,034	37,619	South Carolina.....	28,114	25,220
Georgia.....	35,621	(²)	Pennsylvania.....	27,763	19,338	Georgia.....	7,577	(²)
Alabama.....	33,878	(²)	South Atlantic.....	129,650	79,435			
			Virginia.....	15,239	4,374			
			North Carolina.....	100,741	58,343			
			All other divisions.....	11,702	19,689			

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
SILK AND MAN-MADE FIBER FABRICS, N.E.C. (22217)			WOOL FABRICS, GREY GOODS (22312)			RECEIPTS FOR COMMISSION FINISHING OR SPONGING OF WOOL FABRICS (22315)—Con.		
United States, total....	513,966	210,872	United States, total....	129,865	128,546	South Atlantic.....		8,315
New England.....	19,675	(2)	New England.....	20,546	26,602	Pacific.....		1,270
Maine.....	1,504	(2)	Maine.....	9,219	9,843			
New Hampshire.....	6,212	6,645	Rhode Island.....	5,625	5,736			
Connecticut.....	4,647	(2)	Middle Atlantic.....	1,663	10,308	WOOL AND CHIEFLY BLANKETS (22319)		
Middle Atlantic.....	31,837	(2)	North Central, South and West.....	107,656	(2)	United States, total....		16,924
New York.....	4,729	7,684	North Carolina.....	37,674	(2)	Northeast and North Central South.....		6,795
New Jersey.....	6,312	4,907	FINISHED WOOL APPAREL FABRICS (22313)			West.....		8,519
Pennsylvania.....	20,796	31,870	United States, total....	547,514	581,526			1,610
North Central, South and West.....	462,454	(2)	New England.....	253,606	284,814	WOVEN NARROW FABRICS (22411)	1963 ¹	1958
Virginia.....	41,876	15,541	Maine.....	68,292	58,028	United States, total....	211,077	179,488
North Carolina.....	167,256	55,555	New Hampshire.....	49,765	51,520	New England.....	64,143	64,990
South Carolina.....	185,408	39,421	Vermont.....	4,881	7,316	Massachusetts.....	19,603	24,618
Georgia.....	47,056	19,944	Massachusetts.....	103,473	126,259	Rhode Island.....	28,498	24,158
FINISHED MAN-MADE FIBER AND SILK BROAD WOVEN GOODS (22218 and 22628)			Rhode Island.....	9,177	16,455	Connecticut.....	9,197	11,321
United States, total....	336,906	157,557	Connecticut.....	18,018	25,236	Middle Atlantic.....	54,509	56,137
New England.....	34,995	(2)	Middle Atlantic.....	17,699	53,013	New York.....	15,193	18,938
Massachusetts.....	19,915	2,689	South Atlantic.....	242,753	203,696	New Jersey.....	12,736	9,131
Middle Atlantic.....	40,130	(2)	All other divisions.....	33,456	40,003	Pennsylvania.....	26,580	28,068
Pennsylvania.....	27,628	34,506	Oregon.....	2,974	(2)	South Atlantic.....	70,833	45,064
North Central, South and West.....	261,781	(2)	FINISHED WOOL NONAPPAREL FABRICS AND FELTS (22314)			Maryland.....	4,455	4,789
North Carolina.....	152,232	65,261	United States, total....	66,142	64,009	North Carolina.....	25,188	15,944
South Carolina.....	49,988	29,631	New England.....	14,996	10,747	South Carolina.....	23,681	9,692
Georgia.....	16,908	(2)	Maine.....	4,498	(2)	East South Central.....	13,812	8,017
FINISHED BLANKETS (22219)			New Hampshire.....	2,490	(2)	Alabama.....	9,389	5,374
United States, total....	93,113	65,482	Connecticut.....	1,952	2,503	All other divisions.....	7,780	(2)
Northeast and North Central.	12,723	10,093	Middle Atlantic.....	29,574	30,521	BRAIDED NARROW FABRICS (22414)		
South.....	80,390	55,389	North Central.....	6,187	22,741	United States, total....	59,821	57,433
North Carolina.....	59,936	43,566	South and West.....	15,385		New England.....	27,704	28,743
FINISHED WOOL YARN, TOPS OR RAW STOCKS, NOT COMBED OR SPUN AT THE SAME ESTABLISHMENT (22311)			RECEIPTS FOR COMMISSION FINISHING OR SPONGING OF WOOL FABRICS (22315)			Massachusetts.....	5,816	6,494
United States, total....		63,689	United States, total....		45,266	Rhode Island.....	20,883	20,922
Middle Atlantic.....		17,259	New England.....		13,908	Middle Atlantic.....	17,111	17,933
All other divisions.....		46,430	Massachusetts.....		3,407	New York.....	3,514	5,413
			Rhode Island.....		4,116	Pennsylvania.....	13,095	12,004
			Middle Atlantic.....		19,726	South Atlantic.....	9,560	(2)
			Pennsylvania.....		8,739	North Carolina.....	5,665	1,065
			North Central.....		2,047	East South Central.....	2,386	(2)
			Ohio.....		1,245	All other divisions.....	3,060	(2)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes, shipments of \$1 million or more were reported for the States listed, but the exact figures are withheld to avoid disclosure of individual company figures: 22111, Pennsylvania, Maryland, North Carolina, South Carolina, and Texas; 22112, Maine, Virginia, North Carolina, Tennessee, Alabama, Mississippi, and Arkansas; 22113, New Hampshire and Tennessee; 22114, Pennsylvania and Alabama; 22115, Maine, Massachusetts, Pennsylvania, Virginia, and Tennessee; 22116, Massachusetts, Rhode Island, Ohio, Virginia, Alabama, and Arkansas; 22117, Maine, New Hampshire, Connecticut, Missouri, Delaware, Virginia, Tennessee, Mississippi, and Texas; 22118 and 23928, Maine, Virginia, Alabama, Arkansas, and Texas; 22119 and 23929, New York, Illinois, Virginia, North Carolina, Tennessee, and Alabama; 22211, Rhode Island, New York, New Jersey, South Carolina, and Kentucky; 22212, Maine, New Hampshire, Massachusetts, Pennsylvania, Virginia, Georgia, and Tennessee; 22213, Pennsylvania, Georgia, and Alabama; 22214, New Hampshire and Virginia; 22215, New Jersey, Virginia, and Alabama; 22216, New Hampshire, Rhode Island, New Jersey, Tennessee, Alabama, and California; 22217, Massachusetts, Rhode Island, Missouri, Tennessee, Alabama, and Texas; 22218, Rhode Island, Connecticut, New York, New Jersey, Virginia, Tennessee, Alabama, and Texas; 22219, Maine, New York, South Carolina, Georgia, and Tennessee; 22311, Massachusetts, New Jersey, Pennsylvania, North Carolina, Georgia, and Oregon; 22312, Massachusetts, Pennsylvania, Virginia, South Carolina, Georgia, and Alabama; 22313, New York, Pennsylvania, Illinois, Wisconsin, Iowa, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Tennessee, Texas, and Washington; 22314, Massachusetts, New York, Pennsylvania, Ohio, Wisconsin, North Carolina, South Carolina, Alabama, and Mississippi; 22315, New Hampshire, New York, New Jersey, South Carolina, Georgia, and California; 22319, Pennsylvania, Minnesota, North Carolina, Tennessee, and Oregon; 22411, New Hampshire, Illinois, Virginia, West Virginia, Georgia, Tennessee, and Mississippi; 22414, Ohio, Virginia, and Alabama.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

³Data for 1963 are not comparable with 1958. See table 6A, footnote 5.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material ¹	Unit of measure	1963	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2211.—WEAVING MILLS COTTON	
	Materials, containers, supplies, etc., total.....		(X)	1,686,519
011201	Raw cotton.....	Bales.....	6,149,437	1,080,537
282305	Rayon and acetate staple and tow.....	1,000 pounds....	131,031	38,760
282421	All other man-made fiber staple and tow, except glass.....	..do.....	34,135	29,507
282301	Rayon and acetate filament yarn.....	..do.....	16,937	11,939
282402	All other man-made filament yarn, except glass.....	..do.....	19,979	27,206
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	60,975	13,221
228101	Purchased spun yarn, all fibers including transfers from other plants of your company..	..do.....	171,304	114,497
220211	Purchased broad woven fabrics (piece goods) including transfers from other plants of your company.....	1,000 lin. yds..	423,064	139,851
281531	Dyes, lakes, and toners.....		(X)	37,830
970099	All other materials, containers and supplies consumed.....		(X)	174,108
	Materials, containers, supplies, n.s.k.....		(X)	² 19,063
			INDUSTRY 2221.—WEAVING MILLS, SYNTHETICS	
	Materials, containers, supplies, etc., total.....		(X)	987,130
011201	Raw cotton.....	Bales.....	193,939	36,708
229701	Raw wool, mohair, and other animal fibers (scoured weight).....	1,000 pounds....	10,771	8,412
229704	Wool tops.....	..do.....	(NA)	10,777
282305	Rayon and acetate staple and tow.....	..do.....	230,795	69,603
282421	All other man-made fiber staple and tow, except glass.....	..do.....	113,874	109,479
282301	Rayon and acetate filament yarn.....	..do.....	238,801	189,747
282402	All other man-made filament yarn, except glass.....	..do.....	104,067	147,018
322935	Glass filament yarn and roving.....	..do.....	70,519	41,749
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	30,568	8,384
228101	Purchased spun yarn, all fibers, including transfers from other plants of your company.	..do.....	228,421	205,154
220211	Purchased broad woven fabrics (piece goods) including transfers from other plants of your company.....	1,000 lin. yds..	37,446	24,568
281531	Dyes, lakes, and toners.....		(X)	16,059
970099	All other materials, containers and supplies consumed.....		(X)	97,965
	Materials, containers, and supplies, n.s.k.....		(X)	² 21,507
			INDUSTRY 2231.—WEAVING, FINISHING MILLS, WOOL	
	Materials, containers, supplies, etc., total.....		(X)	580,364
229701	Raw wool, mohair, and other animal fibers (scoured weight).....	1,000 pounds....	183,408	187,622
229704	Wool tops.....	..do.....	56,344	98,506
282305	Rayon and acetate staple and tow.....	..do.....	1,687	682
282421	All other man-made fiber staple and tow, except glass.....	..do.....	11,838	11,423
282402	All other man-made filament yarn, except glass.....	..do.....	1,683	2,645
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	42,553	16,489
228101	Purchased spun yarn, all fibers, including transfers from other plants of your company.	..do.....	44,405	89,201
220211	Purchased broadwoven fabrics (piece goods) including transfers from other plants of your company.....	1,000 lin. yds..	58,804	109,381
281531	Dyes, lakes and toners.....		-	21,109
970099	All other materials, containers and supplies consumed.....	1,000 lin. yds..	4,381	32,144
	Materials, containers, and supplies, n.s.k.....		(X)	² 11,162

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Material ¹	Unit of measure	1963		1958	
		Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
INDUSTRY 2241.—NARROW FABRIC MILLS					
Materials consumed, total.....	1,000 lbs.....	132,027	³ 115,202	(X)	³ 91,819
Cotton yarns.....	..do.....	68,574	54,716	63,040	49,769
Filament rayon and acetate yarns.....	..do.....	26,882	20,667	24,173	⁴ 18,284
Filament nylon yarns.....	..do.....	16,789	20,045	6,697	⁴ 10,461
Filament glass yarns.....	..do.....	2,344	1,339	(NA)	1,337
Bare rubber thread.....	..do.....	8,049	9,188	(⁵)	(⁵)
Bare spandex thread.....	..do.....	226	1,124	(⁵)	(⁵)
Covered rubber thread.....	..do.....	906	1,040	(⁵)	(⁵)
Spun rayon.....	..do.....	877	664	(⁵)	(⁵)
Saran and olefin.....	..do.....	2,849	2,333	(⁵)	(⁵)
Other yarns.....	..do.....	4,531	4,086	10,634	11,968

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Yarn consumption data for cotton and synthetic weaving mills are collected and published quarterly in the Census Bureau's Current Industrial Reports, Series M22T.1 and M22T.2.

²Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

³The data shown for 1958 are not directly comparable to 1963. For 1958, the figures represent the materials consumed for establishments classified in industry 2241, Narrow Fabric Mills, including plants primarily producing covered rubber thread. The industry also reported the consumption of \$32,593 thousand of other materials and \$16,033 thousand of materials, not specified by kind. These figures are not included in this table. The figures shown for 1963 represent the materials consumed for all plants shipping product class 22411, Woven narrow fabrics, and product class 22414, Braided narrow fabrics as shown in table 6A. For 1963 separate data were not collected for other materials, components, parts, containers, and supplies consumed.

⁴Materials data were collected in the 1958 Census of Manufacturers as rayon and acetate yarns, and nylon yarns, regardless of whether they were filament or spun yarns.

⁵Data not collected separately in 1958.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Weaving mills, cotton (SIC 2211)	Weaving mills, synthetic (SIC 2221)	Weaving, finishing mills, wool (SIC 2231)	Narrow fabric mills (SIC 2241)
Total cost of purchased fuels and electric energy.....\$1,000..	57,740	20,747	15,624	4,070
Total cost of purchased fuels.....do....	12,670	5,904	7,913	1,596
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	697	326	249	11
Cost.....\$1,000..	5,601	2,567	2,089	106
Coke and breeze:				
Quantity.....1,000 short tons..	-	-	-	-
Cost.....\$1,000..	-	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	465	472	1,417	237
Cost.....\$1,000..	1,425	1,527	4,073	834
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	13,735	3,434	3,100	506
Cost.....\$1,000..	4,794	1,599	1,265	271
Other fuels.....do....	850	211	486	385
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	5,905	1,759	688	148
Cost.....\$1,000..	45,070	14,843	7,711	2,474
Generated less sold.....million kw.-hrs..	402	241	51	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	1,737	512	296	63
Prime movers, total.....do....	244	89	38	3
Driving generators.....do....	198	83	25	2
Not driving generators.....do....	46	6	13	1
Electric motors, total.....do....	1,589	441	279	60
Driven by purchased energy.....do....	1,494	423	258	59
Driven by energy generated at establishment.....do....	96	18	21	(Z)
Aggregate horsepower per 100 production workers.....	834	688	670	279

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2211-	WEAVING MILLS, COTTON										
	Entire industry.....	407	208,993	771,573	195,530	403,379	688,374	1,256,753	1,823,772	3,104,053	113,366
	Establishments with—										
	90% or more specialization..	323	166,897	612,382	156,568	321,152	549,962	1,001,100	1,404,450	2,425,679	82,912
	75-89% specialization.....	30	19,683	73,429	18,175	37,990	63,419	119,554	184,881	307,162	10,356
22111	Cotton duck and allied fabric (primary product class of estab.).	19	8,460	28,447	7,809	15,173	25,088	47,917	65,846	113,474	4,620
	Establishments with—										
	90% or more specialization....	7	1,644	5,187	1,562	2,954	4,673	10,323	12,415	21,833	861
	75-89% specialization.....	4	2,298	7,558	2,214	4,395	7,112	11,304	17,873	29,780	1,488
22112	Cotton sheeting and allied fabric (primary product class of estab.).	81	51,635	185,532	48,744	100,157	168,571	273,077	454,011	732,558	27,620
	Establishments with—										
	90% or more specialization....	37	15,776	54,199	14,899	29,784	48,943	76,864	126,280	205,322	11,770
	75-89% specialization.....	12	9,529	33,574	8,963	18,337	30,463	55,241	81,119	138,384	2,905
22113	Cotton print cloth yarn fabric (primary product class of estab.).	59	31,856	121,317	30,082	64,753	110,722	194,879	258,095	458,249	16,691
	Establishments with—										
	90% or more specialization....	43	19,480	73,603	18,456	39,123	66,689	108,242	155,171	268,757	8,738
	75-89% specialization.....	5	2,560	10,617	2,388	5,351	9,227	15,010	22,757	37,789	700
22114	Cotton colored yarn fabrics, towelling and dishcloth fabrics, and napped cotton fabric, inc. blanketing (primary product class of estab.).	21	12,961	45,544	12,128	23,916	40,302	71,022	123,665	203,171	4,222
	Establishments with—										
	90% or more specialization....	12	6,065	20,848	5,615	10,633	18,037	36,970	56,995	99,719	2,476
	75-89% specialization.....	4	2,558	9,105	2,393	4,812	8,074	13,058	24,030	39,000	760
22115	Fine cotton goods (primary product class of estab.).	52	29,614	113,312	27,827	59,089	102,714	200,396	237,399	438,167	19,424
	Establishments with—										
	90% or more specialization....	31	16,565	63,640	15,440	32,447	57,341	115,888	128,322	243,871	14,781
	75-89% specialization.....	5	2,857	11,137	2,771	6,078	10,665	17,718	25,108	42,889	1,104
22116	Other broad woven cotton fabrics and specialties (primary product class of estab.).	45	9,611	35,834	8,827	17,744	30,553	55,389	82,966	142,144	4,125
	Establishments with—										
	90% or more specialization....	32	6,037	22,001	5,622	11,010	19,202	33,529	44,398	78,487	2,514
22117	Finished cotton broad woven fabrics (primary product class of estab.).	36	32,244	121,365	29,579	60,078	102,562	209,095	292,654	501,788	18,606
	Establishments with—										
	90% or more specialization....	16	6,097	22,194	5,698	12,056	19,234	36,080	45,354	81,345	1,672
	75-89% specialization.....	8	16,697	61,724	15,291	29,876	52,544	100,826	122,179	226,814	8,442
22118	Cotton sheets and pillowcases (primary product class of estab.).	7	6,295	24,496	5,767	12,375	21,364	44,443	72,617	119,575	2,642
22119	Cotton towels and washcloths (primary product class of estab.).	9	19,139	70,257	18,129	36,814	64,404	112,775	182,029	293,331	7,646
	Establishments with—										
	90% or more specialization....	3	3,532	13,044	3,320	6,729	11,845	29,383	30,634	58,335	1,133
2221-	WEAVING MILLS, SYNTHETICS										
	Entire industry.....	355	88,157	366,045	79,750	171,378	306,464	661,535	1,072,259	1,722,356	35,798
	Establishments with—										
	90% or more specialization..	248	49,614	207,081	44,639	96,163	172,307	382,200	644,861	1,023,505	22,009
	75-89% specialization.....	29	14,445	60,192	13,058	28,471	50,599	114,064	180,617	291,277	6,399
22211	Rayon and/or acetate pile, upholstery; tie and blanketing fabrics (primary product class of estab.).	55	12,479	51,506	11,297	23,839	43,498	97,288	138,926	233,516	2,294
	Establishments with—										
	90% or more specialization....	33	3,903	16,930	3,483	7,150	14,060	27,841	44,004	72,013	642
	75-89% specialization.....	8	1,187	4,733	1,106	2,339	4,174	9,102	8,979	17,974	203

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2221-	WEAVING MILLS, SYNTHETICS— Continued										
22212	100 percent filament rayon and/or acetate fabrics (primary product class of estab.).....	33	8,716	36,939	7,984	18,222	32,269	67,911	142,225	208,347	4,004
	Establishments with—										
	90% or more specialization....	14	1,835	8,393	1,660	4,157	6,906	16,452	40,623	56,557	1,105
	75-89% specialization.....	4	1,408	5,694	1,289	3,015	4,965	12,918	22,237	33,874	464
22214	Combination filament and spun rayon and/or acetate fabrics (primary product class of estab.)	3	1,392	5,697	1,297	2,809	4,952	9,312	19,707	28,279	269
22215	Rayon and/or acetate mixtures with other fibers (primary product class of estab.).....	28	7,639	31,426	6,950	15,182	26,243	51,822	85,742	137,667	3,266
	Establishments with—										
	90% or more specialization....	11	954	4,314	879	1,829	3,783	6,797	17,304	25,854	288
22216	Nylon and chiefly nylon fabrics (primary product class of estab.)	20	4,537	19,467	4,078	8,497	16,076	42,731	76,287	118,846	1,323
	Establishments with—										
	75% and over specialization...	5	138	636	119	224	519	890	1,896	2,791	(D)
22217	Silk and man-made fiber fabrics, n.e.c. (primary product class of estab.).....	87	28,725	118,942	25,981	55,689	100,017	218,968	372,081	585,582	19,213
	Establishments with—										
	90% or more specialization....	31	6,841	28,015	6,152	13,093	23,290	54,650	61,003	114,859	6,189
	75-89% specialization.....	13	3,626	15,015	3,243	6,865	12,458	30,872	54,810	86,159	1,970
22218	Finished man-made fiber and silk broad woven goods (primary product class of estab.).....	40	10,953	46,601	9,548	19,941	35,766	82,828	140,650	221,294	2,810
	Establishments with—										
	90% or more specialization....	28	4,992	20,658	4,468	9,205	16,280	32,753	60,333	91,706	583
22219	Fabricated man-made fiber or silk textile products (primary product class of estab.).....	11	7,128	29,522	6,459	14,043	24,560	49,611	60,396	110,254	1,544
2231-	WEAVING, FINISHING MILLS, WOOL										
	Entire industry.....	361	47,429	202,892	41,627	85,034	160,188	386,622	629,471	1,010,692	15,539
	Establishments with—										
	90% or more specialization..	292	34,890	148,705	30,895	63,003	118,476	281,249	385,605	658,119	10,017
	75-89% specialization.....	16	4,422	20,940	3,704	7,416	15,372	37,536	56,001	94,233	1,654
22311	Finished wad yarn, tops or raw stock not spun or combed at same establishment (primary product class of estab.).....	11	2,672	11,988	2,259	4,787	8,718	22,535	66,415	89,304	1,828
22312	Wool fabrics, grey goods (primary product class of estab.).....	23	4,451	17,676	3,913	8,384	14,291	37,005	78,369	115,298	2,815
	Establishments with—										
	90% or more specialization....	18	1,635	6,663	1,440	3,047	5,390	17,021	35,774	47,909	1,083
22313	Finished wool apparel fabrics (primary product class of estab.)	109	28,264	116,158	25,370	51,726	95,497	228,170	434,094	656,489	7,701
	Establishments with—										
	90% or more specialization....	78	18,029	73,863	16,233	33,082	60,371	142,402	220,816	360,211	4,956
	75-89% specialization.....	16	4,818	20,189	4,389	9,172	17,270	39,098	52,284	90,551	1,159
22314	Finished wool nonapparel fabrics and felts (primary product class of estab.).....	25	4,787	25,349	3,668	7,212	15,927	49,706	24,733	74,458	1,804
	Establishments with—										
	90% or more specialization....	15	2,123	11,136	1,575	3,118	6,766	20,744	8,923	29,694	451
	75-89% specialization.....	5	1,499	8,617	1,079	2,101	5,103	13,824	5,956	20,174	634

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2231-	WEAVING, FINISHING MILLS, WOOL—Continued										
22315	Receipts for commission finishing or sponging of wool fabrics (primary product class of estab.). Establishments with—	93	4,565	21,116	4,023	8,260	17,188	31,736	10,939	42,849	1,053
	90% or more specialization....	89	4,376	20,256	3,852	7,950	16,502	33,350	10,468	40,998	(D)
22319	Wool and chiefly wool blankets (made in wool weaving or finishing mills) (primary product class of estab.).....	9	544	2,036	475	899	1,558	3,835	6,399	9,735	76
	Establishments with—										
	90% or more specialization....	5	165	534	151	286	456	1,408	3,945	5,099	19
2241-	NARROW FABRIC MILLS										
	Entire industry.....	384	23,154	91,869	20,647	40,614	72,956	172,493	176,776	349,071	6,907
	Establishments with—										
	90% or more specialization..	352	19,184	73,965	17,246	33,837	59,163	140,781	147,231	287,451	5,848
	75-89% specialization.....	6	421	1,439	372	580	1,134	2,950	3,545	6,648	65
22411	Woven narrow fabrics (primary product class of estab.).....	238	15,483	64,853	13,697	27,446	51,252	118,540	117,900	236,467	4,825
	Establishments with—										
	90% or more specialization....	215	12,112	48,999	10,855	21,643	39,223	92,320	91,525	183,739	3,782
	75-89% specialization.....	3	249	1,130	196	356	778	2,431	453	2,799	(D)
22414	Braided narrow fabrics (primary product class of estab.).....	78	5,327	18,099	4,851	9,297	14,669	36,188	41,847	77,460	1,317
	Establishments with—										
	90% or more specialization....	63	2,790	10,215	2,568	4,975	8,338	16,314	17,852	33,952	568
	75-89% specialization.....	9	1,892	5,422	1,735	3,253	4,443	9,387	13,451	22,836	690
22415	Covered rubber thread (primary product class of estab.).....	27	1,509	5,708	1,356	2,485	4,457	12,686	14,249	27,037	665
	Establishments with—										
	90% or more specialization....	24	1,226	4,778	1,087	2,054	3,660	10,617	10,626	21,160	598
	75-89% specialization.....	3	283	930	269	431	797	2,069	3,623	5,877	67

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available (X) Not applicable n.e.c. Not elsewhere classified.

KNITTING MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2251—Women's Full-Length And Knee-Length Hosiery, Seamless And Full-Fashioned
- 2252—Hosiery, Except Women's Full-Length And Knee-Length Hosiery
- 2253—Knit Outerwear Mills
- 2254—Knit Underwear Mills
- 2256—Knit Fabric Mills
- 2259—Knitting Mills, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

These establishments are primarily producing knit products, including knit apparel, from yarn, or dyeing and finishing knit products. Establishments producing knit products, such as knit outerwear, from purchased knit fabric are excluded from this group and included in the appropriate industry in Major Group 23, Apparel and Other Finished Products Made from Fabrics and Similar Materials.

Patterns of Operation

The knitting industries are characterized by three major types of establishment operations. These operations and the census method of classification are (1) establishments producing knit products from yarn owned by the knitting establishment, or dyeing and finishing knit products for their own account are included in this report as manufacturers; (2) establishments which knit fabric from yarns owned by others or dye and finish knit products owned by others are included in this report as contractors; and (3) establishments which purchase yarns or greige goods and employ contract knitters or dyers to process the materials for their account are included in this report as converters. The converters perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, arranging for the knitting and finishing, and selling the final product. The actual processing of the yarns or greige goods into the final product is performed on contract by a commission knitter and finisher. The converters should be differentiated from the wholesalers or dealers that purchase and resell finished knitted products, but do not perform the functions of the knitting converter. Wholesalers and dealers are classified in the wholesale trade industries and are included in the 1963 Census of Business statistics.

Establishments of multiunit companies are classified on the basis of the functions performed at each location rather than on characteristics of the company as a whole.

Method of Reporting on Census Questionnaires

Typically, the knitting manufacturer reports figures on employment, including production workers, cost of yarns or greige goods and other materials purchased, and the value of products made by him from his own materials. The knitting converter will show, in addition to his cost of materials, a cost of contract work and the value of products made for him by others from his materials. The typical knitting converter's report shows few, if any, production workers and his labor costs are represented in his "cost of contract work."

The contractor, on the other hand, reports figures on employment, primarily production workers. His cost of materials would exclude the basic yarn or greige goods costs but would include costs for other materials consumed, such as dyestuffs. As the contractor performs a commission operation on materials owned by others, his entire receipts would represent the amount received for knitting and other processing that he has performed on materials owned by others. These receipts are generally shown separately in table 5B. In other tables they are included under the classifications of "Value of Shipments."

The production or shipments data shown in table 6A include the quantity produced by manufacturers for their own account and the quantity produced for converters from their materials by contractors. To the extent that some contractors may also produce products for their own account, that production is also included in table 6A.

Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of production, and value added by manufacture, plants were classified by their primary method of operation as manufacturers, converters, or contractors. Wherever possible, separate statistics for each group are shown in tables 2 to 4. It should be noted, however, that many establishments in these industries employ more than one method of operation. For example, some establishments act as both manufacturer and converter. In assigning the primary method of operation for manufacturer-converter plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a manufacturer. If the contract payment exceeded the wage and salary payments, the plant was classified as a converter. Similarly, for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

2251—WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY, SEAMLESS AND FULL-FASHIONED

This industry comprises establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full-length and knee-length hosiery, both seamless and full-fashioned. For a detailed list of products of industry 2251, refer to table 6A, product codes 2251113 to 2251529.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the classification system used in 1958.

Prior to 1963, industry 2251 included establishments engaged primarily in the production of full-fashioned hosiery, while industry 2252 consisted of establishments engaged pri-

marily in the production of seamless hosiery. For 1963, the Standard Industrial Classifications for the hosiery mills were revised to include in industry 2251, mills engaged primarily in producing women's hosiery, except socks, and in industry 2252, mills engaged primarily in producing all other hosiery.

The 1963 data are not comparable with previously published data for the individual industries 2251 and 2252. The historical data are comparable, however, on a combined basis for general statistics shown in tables 1 and 2A. The detailed product statistics presented in table 6A are not significantly affected.

Figures on the total cost of materials and value of shipments of industry 2251, Women's Hosiery, Except Socks, include a substantial amount of duplication. The value of hosiery shipped in the greige is, in effect, counted twice: Once as a shipment of the establishment producing greige goods to the dyeing and finishing plant and again in the value of finished hosiery shipped by the dyeing and finishing plant. The extent of this duplication is measured in table 5B, which shows that approximately 18 percent of the industry's shipments represent women's seamless full-length and knee-length hosiery shipped in the greige. An additional 4 percent of the industry's shipments represented women's full-fashioned hosiery shipped in the greige. Similarly, the cost of materials figures would also contain some duplication, but a measure of the duplication is not available.

Value of shipments and other receipts of the Women's Hosiery, Except Socks, Industry totaled \$607 million. This amount included shipments of women's full-length and knee-length hosiery, seamless and full-fashioned (primary products) valued at \$552 million, shipments of other products (secondary products) valued at \$22 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$33 million.

This industry's shipments of women's full-length and knee-length hosiery, seamless and full-fashioned, represented 96 percent of its total product shipments. The industry specialization ratio in 1958 is not comparable because of changes in the Standard Industrial Classification System as described above. Secondary products shipped by this industry in 1963 consisted mainly of men's finished seamless hosiery, except anklets (\$9.6 million).

Shipments of women's full-length and knee-length hosiery, seamless and full-fashioned by this industry in 1963 represented 94 percent of all shipments of these products (\$588 million) by all industries. In 1958 the coverage ratio is not comparable because of changes in the Standard Industrial Classification System as described above. Other industries shipping women's full-length and knee-length hosiery, seamless and full-fashioned consisted mainly of industry 2252, Hosiery, N.E.C., \$27 million.

The production index for the primary products of the Hosiery Industries increased to 140 in 1963 from the 1958 level of 115. The unit value index for 1963 was 85 compared to 91 in 1958. Both indexes were computed on a basis of 1954 = 100.

**2252—HOSIERY, EXCEPT WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY,
NOT ELSEWHERE CLASSIFIED.**

This industry comprises establishments primarily engaged in knitting, dyeing, or finishing hosiery, except women's and misses' full-length and knee-length seamless and full-fashioned hosiery. For a detailed list of products of industry 2252, refer to table 6A, product codes 2252211 to 2252498.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the classification system used in 1958.

Prior to 1963, industry 2251 included establishments engaged primarily in the production of full-fashioned hosiery, while industry 2252 consisted of establishments engaged primarily in the production of seamless hosiery. For 1963, the Standard Industrial Classifications for the hosiery mills were revised to include in industry 2251, mills engaged primarily in producing women's hosiery, except socks, and in industry 2252, mills engaged primarily in producing all other hosiery.

The 1963 data are not comparable with previously published data for the individual industries 2251 and 2252. The historical data are comparable, however, on a combined basis for general statistics shown in tables 1 and 2A. The detailed product statistics presented in table 6A are not significantly affected.

The value of shipments and cost of materials data of industry 2252, Hosiery, N.E.C., include a substantial amount of duplication. The value of hosiery shipped in the greige is, in effect, counted twice: Once as a shipment of the establishment producing greige goods to the dyeing and finishing plant and again in the value of finished hosiery shipped by the dyeing and finishing plant.

Value of shipments and other receipts of the Hosiery, N.E.C., Industry totaled \$451 million. This amount included shipments of hosiery, except women's full-length and knee-length hosiery (primary products) valued at \$378 million, shipments of other products (secondary products) valued at \$38 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$35 million.

This industry's shipments of hosiery, except women's full-length and knee-length hosiery, represented 91 percent of its total product shipments. The industry specialization ratio in 1958 is not comparable because of changes in the Standard Industrial Classification System as described above. Secondary products shipped by this industry in 1963 consisted mainly of women's seamless full-length and knee-length hosiery shipped in the greige (\$2.4 million).

Shipments of hosiery, except women's full-length and knee-length hosiery, by this industry in 1963 represented 96 percent of all shipments of these products (\$395 million) by all industries. In 1958 the coverage ratio is not comparable because of changes in the Standard Industrial Classification System as described above. Other industries shipping hosiery, except women's full-length and knee-length hosiery (primary products), consisted mainly of industry 2251, Women's Hosiery, Except Socks, \$17 million.

The production index for the primary products of the Hosiery Industries increased to 140 in 1963 from the 1958 level of 115. The unit value index for 1963 was 85 compared to 91 in 1958. Both indexes were computed on a basis of 1954 = 100.

2253—KNIT OUTERWEAR MILLS

This industry comprises establishments primarily engaged in knitting outerwear from yarn, or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in hand knitting outerwear for the trade are included in this industry. Establishments primarily engaged in manufacturing woven or purchased knit fabric gloves and mittens are classified in industry 2381, and those manufacturing outerwear from purchased knit fabric in Major Group 23. For a detailed list of products of industry 2253, refer to table 6A, product codes 2253112 to 2253361.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report "value of shipments" in 1963 and "value of production" in prior years. This change was made as a result of a review

of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in table 1. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$4 million, or approximately 1 percent.

Value of shipments and other receipts of the Knit Outerwear Mills totaled \$1,045 million. This amount included shipments of knit outerwear (primary products) valued at \$812 million, shipments of other products (secondary products) valued at \$68 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$165 million.

This industry's shipments of knit outerwear represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' knit underwear and nightwear (\$16 million), and women's and children's knit nightwear (\$5 million).

Shipments of knit outerwear by this industry in 1963 represented 97 percent of all shipments of these products (\$840 million) by all industries. The 1958 coverage ratio has been revised from 74 percent to 96 percent. The 1958 coverage ratio as published in the 1958 Census of Manufactures included not only shipments of knit outerwear produced in knit outerwear mills, but also knit outerwear produced from purchased knit fabric (cut-and-sew industries in Major Group 23). The coverage ratio for 1963 and the revised 1958 coverage ratio include only knit outerwear made in industry 2253, Knit Outerwear Mills. Other industries shipping knit outerwear consisted mainly of industry 2254, Knit Underwear Mills, \$14 million, and industry 2256, Knit Fabric Mills, \$2 million.

2254—KNIT UNDERWEAR MILLS

This industry comprises establishments primarily engaged in knitting underwear and nightwear from yarn, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in Major Group 23. For a detailed list of products of industry 2254, refer to table 6A, product codes 2254112 to 2254312.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report "value of shipments" in 1963 and "value of production" in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments or value added data shown in table 1.

Value of shipments and other receipts of the Knit Underwear Mills totaled \$365 million. This amount included shipments of knit underwear (primary products) valued at \$307 million, shipments of other products (secondary products) valued at \$38 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$21 million.

This industry's shipments of knit underwear represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was also 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of knit outerwear shirts (\$14 million) and circular knit fabrics (\$9 million).

Shipments of knit underwear by this industry in 1963 represented 91 percent of all shipments of these products (\$336 million) by all industries. The 1958 coverage ratio has been revised from 35 percent to 89 percent. The 1958 coverage ratio, as published in the 1958 Census of Manufactures, included not only shipments of knit underwear produced in knit underwear mills, but also knit underwear produced from purchased knit fabrics ("cut and sew" industries in Major Group 23). The coverage ratio for 1963 and the revised 1958 coverage ratio includes only knit underwear made in industry 2254, Knit Underwear Mills. Other industries shipping knit underwear consisted mainly of industry 2253, Knit Outerwear Mills, \$26 million.

The production index for the primary products of the industry increased to 163 in 1963 from the 1958 level of 118. The unit value index for 1963 was 94 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

2256—KNIT FABRIC MILLS

This industry comprises establishments primarily engaged in knitting tubular or flat fabric, and in dyeing or finishing knit fabric. For a detailed list of products of industry 2256, refer to table 6A, product codes 2256112 to 2256219.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Knit Fabric Mills totaled \$817 million. This amount included shipments of warp and circular knit fabrics (primary products) valued at \$687 million, shipments of other products (secondary products) valued at \$37 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$93 million.

This industry's shipments of warp and circular knit fabrics represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of synthetic broadwoven fabrics (\$13 million), and knit outerwear, nightwear, and underwear (\$9 million).

Shipments of knit fabrics by this industry in 1963 represented 93 percent of all shipments of these products (\$743 million) by all industries. In 1958 the coverage ratio was 90 percent. Other industries shipping knit fabrics (primary products) consisted mainly of industry 2253, Knit Outerwear Mills, \$5 million, and industry 2254, Knit Underwear Mills, \$12 million.

The production index for the primary products of the industry increased to 225 in 1963 from the 1958 level of 136. The unit value index for 1963 was 91 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

2259—KNITTING MILLS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in knitting gloves and mittens and other articles, not elsewhere classified. For a detailed list of products of industry 2259, refer to table 6A, product codes 2259010 to 2259098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report "value of shipments" in 1963 and "value of production" in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments or value added by manufacture data shown in table 1.

Value of shipments and other receipts of the Knitting Mills, N.E.C., totaled \$41 million. This amount included shipments of knit gloves and mittens and other knit products, n.e.c. (primary products) valued at \$36 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$3 million.

This industry's shipments of knit gloves and mittens and other knit products, n.e.c., represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent.

Shipments of knit gloves and other knit products, n.e.c., by this industry in 1963 represented 89 percent of all shipments of these products (\$41 million) by all industries. In 1958 the coverage ratio was 78 percent. In industries where the value of shipments are below \$50 million, small changes in the value of primary products shipments significantly affect the coverage ratio.

The 1958 coverage ratio has been revised from 18 percent to 78 percent. The 1958 coverage ratio as published in the 1958 Census of Manufactures included not only shipments of knit gloves and other knit articles produced in knitting mills, n.e.c., but also knit gloves and other knit products from purchased knit fabric ("cut-and-sew" industries in Major Group 23). The coverage ratio for 1963 and the revised 1958 coverage ratio includes only knit gloves and other knit articles made in industry 2259, Knitting Mills, N.E.C.

KNITTING MILLS: SIC 225 Value Added by Manufacture by State: 1963

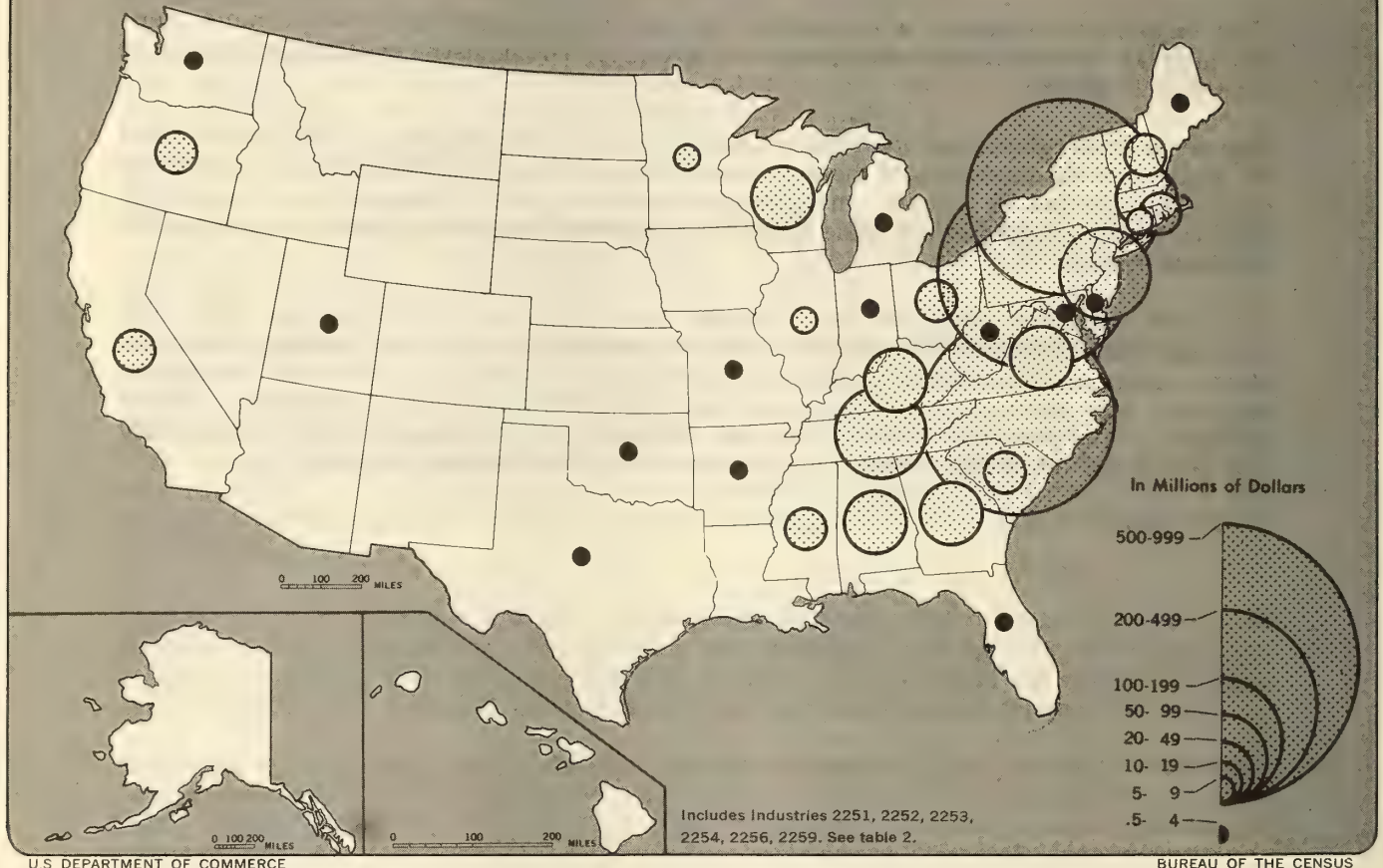


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
1963 ²	INDUSTRY 2251.—WOMEN'S HOSIERY, EXCEPT SOCKS													
	363	411	268	51,527	170,875	47,074	87,768	144,129	296,346	313,024	606,560	16,187	96	94
	INDUSTRY 2252.—HOSIERY, N.E.C.													
1963 ²	504	528	338	43,340	124,114	40,117	71,349	104,550	192,165	258,416	451,098	6,203	91	96
	INDUSTRIES 2251 AND 2252.—HOSIERY													
	(NA)	939	606	94,867	294,989	87,191	159,117	248,679	488,511	571,440	1,057,658	22,390	(NA)	(NA)
1962 ³	(NA)	(NA)	(NA)	102,362	311,678	93,519	172,633	261,641	521,845	575,621	1,074,587	33,281	(NA)	(NA)
1961 ³	(NA)	(NA)	(NA)	103,372	301,947	94,506	174,502	254,350	514,848	564,031	1,059,794	35,179	(NA)	(NA)
1960 ³	(NA)	(NA)	(NA)	103,693	297,482	95,460	175,194	251,940	497,363	529,348	1,018,785	38,643	(NA)	(NA)
1959 ³	(NA)	(NA)	(NA)	106,152	298,292	97,557	180,117	253,875	505,352	513,268	1,019,736	43,191	(NA)	(NA)
1958 ³	(NA)	1,091	730	103,170	281,102	94,557	169,021	237,988	463,821	483,027	946,868	19,757	(NA)	(NA)
1957 ⁴	(NA)	(NA)	(NA)	116,289	314,048	107,050	193,879	266,712	477,146	(⁵)	(⁵)	(S)	(NA)	(NA)
1956 ⁴	(NA)	(NA)	(NA)	121,471	329,284	112,261	203,754	281,591	506,533	(⁵)	(⁵)	(S)	(NA)	(NA)
1955 ⁴	(NA)	(NA)	(NA)	126,559	326,606	117,060	213,164	278,473	512,139	(⁵)	(⁵)	(S)	(NA)	(NA)
1954 ⁴	(NA)	1,398	864	123,500	313,935	114,679	207,830	269,074	473,935	(⁵)	(⁵)	20,684	(NA)	(NA)
1953 ⁴	(NA)	(NA)	(NA)	131,477	338,779	120,625	221,452	290,753	503,908	(⁵)	(⁵)	(S)	(NA)	(NA)
1952 ⁴	(NA)	(NA)	(NA)	127,145	319,511	115,713	215,697	273,704	482,723	(⁵)	(⁵)	(S)	(NA)	(NA)
1951 ⁴	(NA)	(NA)	(NA)	133,130	334,398	121,945	220,614	286,989	490,190	(⁵)	(⁵)	(S)	(NA)	(NA)
1950 ⁴	(NA)	(NA)	(NA)	139,101	336,389	129,341	240,841	291,567	551,843	(⁵)	(⁵)	(S)	(NA)	(NA)
1949 ⁴	(NA)	(NA)	(NA)	131,996	304,119	121,454	224,882	264,365	456,473	(⁵)	(⁵)	(S)	(NA)	(NA)
1947 ⁴	(NA)	1,356	(NA)	134,947	283,773	126,591	240,165	248,259	483,268	(⁵)	(⁵)	(NA)	(NA)	(NA)
1939 ⁴	(NA)	932	(NA)	169,255	166,316	159,052	(NA)	142,637	228,137	(⁵)	(⁵)	(NA)	(NA)	(NA)
1937 ⁴	(NA)	745	(NA)	157,243	151,431	150,460	(NA)	136,264	201,657	(⁵)	(⁵)	(NA)	(NA)	(NA)
1935 ⁶	(NA)	695	(NA)	144,399	135,709	138,021	(NA)	121,377	168,625	146,562	315,187	(NA)	(NA)	(NA)
1933 ⁴	(NA)	614	(NA)	122,671	90,845	117,919	(NA)	82,959	143,354	120,356	263,710	(NA)	(NA)	(NA)
1931 ⁴	(NA)	621	(NA)	(NA)	(NA)	112,374	(NA)	95,129	175,158	156,051	331,209	(NA)	(NA)	(NA)
1929 ⁴	(NA)	730	(NA)	136,648	162,193	129,542	(NA)	140,079	269,834	258,866	528,700	(NA)	(NA)	(NA)
1927 ⁴	(NA)	672	(NA)	119,014	132,201	112,842	(NA)	114,678	221,249	235,664	456,913	(NA)	(NA)	(NA)
1925 ⁴	(NA)	683	(NA)	110,550	109,088	103,930	(NA)	93,383	183,420	237,760	421,180	(NA)	(NA)	(NA)
1923 ⁴	(NA)	721	(NA)	103,367	93,507	96,957	(NA)	78,762	156,320	233,953	390,273	(NA)	(NA)	(NA)
INDUSTRY 2253.—KNIT OUTERWEAR MILLS														
1963 ³	1,175	1,185	666	68,570	266,650	60,684	113,602	205,833	463,585	586,899	1,045,470	17,277	92	97
1962 ³	(NA)	(NA)	(NA)	67,514	257,548	59,309	112,686	196,582	441,865	538,258	977,843	13,037	(NA)	(NA)
1961 ³	(NA)	(NA)	(NA)	64,217	234,629	56,334	103,519	177,521	399,512	507,761	903,039	11,856	(NA)	(NA)
1960 ³	(NA)	(NA)	(NA)	63,821	226,020	55,943	103,316	172,684	395,442	449,146	894,562	11,181	(NA)	(NA)
1959 ³	(NA)	(NA)	(NA)	66,479	226,981	58,111	110,267	173,526	381,369	534,979	916,982	14,560	(NA)	(NA)
1958 ³	1,114	1,123	633	60,586	203,998	52,608	97,557	154,804	339,914	473,110	813,577	11,155	91	796
1957 ⁴	(NA)	(NA)	(NA)	58,881	187,375	51,839	98,475	143,594	325,670	393,292	705,646	8,672	(NA)	(NA)
1956 ⁴	(NA)	(NA)	(NA)	57,316	178,675	50,925	97,806	136,727	313,983	385,875	686,701	9,774	(NA)	(NA)
1955 ⁴	(NA)	(NA)	(NA)	52,105	157,067	46,630	87,483	118,739	282,515	358,218	620,843	10,239	(NA)	(NA)
1954 ⁴	1,081	1,083	529	46,403	139,182	41,345	75,955	104,490	236,495	336,902	578,590	9,853	93	73
1953 ⁴	(NA)	(NA)	(NA)	49,371	149,111	44,005	84,097	109,941	(S)	(S)	(S)	(S)	(NA)	(NA)
1952 ⁴	(NA)	(NA)	(NA)	50,327	140,100	43,832	87,476	107,641	234,712	294,644	529,356	(S)	(NA)	(NA)
1947 ⁴	1,196	1,199	(NA)	34,543	80,674	30,383	(NA)	59,590	145,370	185,104	330,474	(NA)	91	82
1939 ⁸	(NA)	725	(NA)	(NA)	(NA)	23,437	(NA)	19,300	46,674	60,496	107,170	(NA)	(NA)	(NA)
1937 ⁹	(NA)	669	(NA)	(NA)	(NA)	26,139	(NA)	21,554	47,311	59,525	106,836	(NA)	(NA)	(NA)
INDUSTRY 2254.—KNIT UNDERWEAR MILLS														
1963 ³	104	118	104	28,364	95,869	25,578	48,103	76,076	170,709	200,400	364,834	4,772	89	91
1962 ³	(NA)	(NA)	(NA)	29,009	94,233	25,866	48,691	73,002	157,242	212,608	368,260	4,061	(NA)	(NA)
1961 ³	(NA)	(NA)	(NA)	27,875	87,703	24,972	46,062	68,132	145,100	187,414	333,362	3,935	(NA)	(NA)
1960 ³	(NA)	(NA)	(NA)	28,539	87,927	25,633	47,542	68,657	137,579	169,104	303,975	5,361	(NA)	(NA)
1959 ³	(NA)	(NA)	(NA)	31,865	98,583	28,700	55,249	78,922	162,936	197,845	359,502	4,692	(NA)	(NA)
1958 ³	132	141	123	29,207	84,818	25,782	47,255	67,601	145,592	166,710	310,817	5,916	89	789
1957 ⁴	(NA)	(NA)	(NA)	31,397	87,390	27,965	50,569	69,913	141,691	169,110	316,530	(S)	(NA)	(NA)
1956 ⁴	(NA)	(NA)	(NA)	33,686	92,148	30,114	55,763	74,302	154,224	170,336	319,974	(S)	(NA)	(NA)
1955 ⁴	(NA)	(NA)	(NA)	33,181	88,271	29,652	55,552	71,741	136,675	169,716	303,259	(S)	(NA)	(NA)
1954 ⁴	140	149	133	31,262	77,501	28,248	51,204	63,095	104,739	150,009	261,535	2,982	88	39
1953 ⁴	(NA)	(NA)	(NA)	40,735	99,398	36,790	66,327	80,700	156,020	213,354	369,374	(S)	(NA)	(NA)
1952 ⁴	(NA)	(NA)	(NA)	35,551	88,633	32,501	60,888	73,052	145,038	190,480	334,046	(S)	(NA)	(NA)
1951 ⁴	(NA)	(NA)	(NA)	38,960	91,436	35,466	64,264	74,646	147,882	243,298	389,708	(S)	(NA)	(NA)
1950 ⁴	(NA)	(NA)	(NA)	37,672	83,435	33,990	62,848	68,525	131,699	169,188	299,415	(S)	(NA)	(NA)
1947 ⁴	140	172	(NA)	40,579	80,520	37,546	74,111	67,990	134,399	163,421	295,411	(NA)	87	70
1939 ⁸	(NA)	184	(NA)	(NA)	(NA)	37,478	(NA)	26,693	50,099	59,699	109,798	(NA)	(NA)	(NA)
1937 ¹¹	(NA)	186	(NA)	(NA)	(NA)	41,237	(NA)	29,328	55,812	65,492	121,304	(NA)	(NA)	(NA)
1935 ⁴	(NA)	186	(NA)	37,529	28,918	34,930	(NA)	23,445	42,125	53,929	96,054	(NA)	(NA)	(NA)
1933 ⁴	(NA)	195	(NA)	38,070	25,599	35,915	(NA)	22,251	47,269	44,931	92,200	(NA)	(NA)	(NA)
1931 ⁴	(NA)	218	(NA)	(NA)	(NA)	31,951	(NA)	22,545	44,915	44,938	89,853	(NA)	(NA)	(NA)
1929 ⁴	(NA)	251	(NA)	44,336	40,876	41,487	(NA)	32,928	69,782	81,060	150,842	(NA)	(NA)	(NA)
1927 ⁴	(NA)	285	(NA)	49,369	46,919	46,227	(NA)	39,183	81,173	92,250	173,423	(NA)	(NA)	(NA)
1925 ⁴	(NA)	298	(NA)	51,268	47,430	48,328	(NA)	40,145	75,943	112,627	188,570	(NA)	(NA)	(NA)
1923 ²	(NA)	326	(NA)	51,815	47,813	48,552	(NA)	39,932	74,905	107,450	182,355	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2256.—KNIT FABRIC MILLS														
1963 ³	487	518	243	25,046	117,532	21,364	46,465	88,296	252,908	569,021	817,383	18,409	95	93
1962 ^{3 4}	(NA)	(NA)	(NA)	20,469	97,750	17,546	37,932	71,656	204,488	447,407	655,508	16,338	(NA)	(NA)
1961 ^{3 4}	(NA)	(NA)	(NA)	20,380	92,159	17,463	37,167	68,165	191,670	427,126	626,062	12,545	(NA)	(NA)
1960 ^{3 4}	(NA)	(NA)	(NA)	19,278	83,757	16,464	34,622	62,502	168,659	382,552	553,519	8,653	(NA)	(NA)
1959 ^{3 4}	(NA)	(NA)	(NA)	19,426	82,332	16,846	35,827	62,426	180,299	369,208	536,468	9,772	(NA)	(NA)
1958 ³	336	357	181	18,356	73,871	15,689	32,301	55,693	147,394	336,060	487,185	7,132	94	90
1957 ⁴	(NA)	(NA)	(NA)	18,765	68,932	15,852	33,674	53,186	149,942	338,035	484,090	6,789	(NA)	(NA)
1956 ⁴	(NA)	(NA)	(NA)	18,657	67,064	16,009	34,331	52,162	129,585	304,500	433,275	9,509	(NA)	(NA)
1955 ⁴	(NA)	(NA)	(NA)	18,741	65,298	16,540	35,578	51,534	146,611	299,482	440,099	8,921	(NA)	(NA)
1954 ⁴	324	340	153	16,812	57,878	14,680	30,560	44,621	111,621	266,424	379,936	6,214	94	91
1953 ⁴	(NA)	(NA)	(NA)	15,185	52,123	13,384	27,369	39,536	99,536	265,297	364,833	(S)	(NA)	(NA)
1952 ⁴	(NA)	(NA)	(NA)	17,479	58,816	15,528	32,705	46,326	116,529	291,955	408,525	(S)	(NA)	(NA)
1951 ⁴	(NA)	(NA)	(NA)	16,110	50,349	14,343	29,060	38,655	91,333	249,409	340,783	(S)	(NA)	(NA)
1947 ⁴	297	306	(NA)	13,460	34,681	11,849	27,005	26,755	¹⁰ 70,202	128,139	197,454	(NA)	93	88
1939 ⁹	(NA)	143	(NA)	(NA)	(NA)	9,548	(NA)	9,054	21,448	39,363	60,811	(NA)	(NA)	(NA)
INDUSTRY 2259.—KNITTING MILLS, N.E.C.														
1963 ³	86	88	45	3,639	12,458	3,215	6,054	9,935	20,309	20,286	40,731	320	93	86
1962 ^{3 4}	(NA)	(NA)	(NA)	3,389	11,497	2,946	5,469	8,693	17,860	19,520	37,331	(Z)	(NA)	(NA)
1961 ^{3 4}	(NA)	(NA)	(NA)	3,501	11,322	3,060	5,604	8,484	16,980	21,037	37,402	(Z)	(NA)	(NA)
1960 ^{3 4}	(NA)	(NA)	(NA)	3,473	11,214	3,022	5,690	8,499	19,269	16,324	35,871	(S)	(NA)	(NA)
1959 ^{3 4}	(NA)	(NA)	(NA)	3,670	11,367	3,144	5,923	8,534	19,166	17,680	36,816	(S)	(NA)	(NA)
1958 ³	71	75	38	3,230	9,619	2,765	4,873	7,130	14,543	15,672	30,092	255	91	⁷ 78
1954 ⁴	(NA)	75	44	3,384	8,821	3,022	5,476	6,812	13,026	15,203	28,553	(NA)	(NA)	(NA)
1947 ⁹	(NA)	88	(NA)	5,774	10,722	5,427	(NA)	9,260	17,724	17,295	34,905	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** For 1954-1963 figures represent adjusted value added, which is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net changes in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For 1954-1962, however, value of production rather than value of shipments was collected for industries 2253, Knit Outerwear Mills, and 2254, Knit Underwear Mills. Similarly, for industry 2259, Knitting Mills, N.E.C., value of production was collected for 1958-1962. In computing adjusted value added based on value of production for these years for the industries specified, the net change of only work-in-process inventories is included. For earlier years, figures represent unadjusted value added. **Cost of materials:** Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$500 thousand. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²See text regarding industry definition changes for 1963, and comparability with previously published data.

³Data for Alaska and Hawaii are included.

⁴These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁵For years prior to 1958, data for cost of materials and value of shipments were not shown because of duplication in these items. For 1958-1963 these data are published, although there is duplication in the figure for cost of materials and value of shipments. This duplication arises since some plants in the industry ship greige goods to other plants in the industry where they are finished and sold.

⁶The figures for 1935-1954 include data for dyers and finishers of hosiery knitted by others, whereas the figures for earlier years do not include such data.

⁷The 1958 coverage ratio was recomputed to exclude that portion reported by Major Group 23, the cut-and-sew industries. (See text)

⁸The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture in 1939 on a basis comparable with earlier years was \$45.3 million for knit outerwear mills and \$51.7 for knit underwear mills.

⁹Comparable data for earlier years are not available.

¹⁰For the knit underwear mills and knit fabric mills industries, the 1947 value added by manufacture does not equal the published value of shipments less cost of materials because an estimated value of production was used in the calculation in place of value of shipments, since the 1949-1952 estimates were derived from 1947 base totals, the same inequality may exist for these years.

¹¹Data for establishments that cut and sew products from knit cloth made in separate mills of integrated companies are included in the figures for 1937 and 1939 but not for other years. Value added in 1937, excluding data for such establishments, was \$54.3 million for knit underwear mills.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2251.—WOMEN'S HOSIERY, EXCEPT SOCKS													
Total.....	411	268	51,527	170,875	47,074	87,768	144,129	296,346	313,024	606,560	16,187	(²)	(²)
New England.....	9	6	707	2,166	488	917	1,500	4,142	7,822	13,458	201	(²)	(²)
Middle Atlantic.....	122	62	5,606	19,975	4,813	8,987	15,221	25,493	33,261	59,628	1,493	(²)	(²)
New York.....	16	4	323	1,176	230	445	749	2,070	4,858	6,933	46	(²)	(²)
New Jersey.....	9	6	254	893	229	433	773	1,491	1,234	2,756	34	(²)	(²)
Pennsylvania.....	97	52	5,029	17,906	4,354	8,109	13,699	21,932	27,169	49,939	1,413	(²)	(²)
North Central.....	13	7	1,073	3,385	1,006	1,893	3,078	6,154	4,790	10,734	184	(²)	(²)
South and West.....	267	193	44,141	145,349	40,767	75,971	124,330	260,557	267,151	522,740	14,309	(²)	(²)
Virginia.....	12	11	1,384	4,511	1,261	2,351	3,703	6,466	6,199	12,875	420	(²)	(²)
North Carolina.....	169	119	29,453	96,689	27,536	51,118	84,599	178,038	174,952	349,275	10,163	(²)	(²)
South Carolina.....	12	7	1,128	3,916	989	1,897	3,314	7,861	11,098	18,911	284	(²)	(²)
Georgia.....	13	9	1,121	3,589	987	1,901	2,984	5,784	5,014	11,019	71	(²)	(²)
Tennessee.....	28	25	6,648	22,281	5,975	10,962	17,518	35,673	49,533	83,768	1,152	(²)	(²)
Mississippi.....	7	5	1,546	4,803	1,422	2,792	4,083	7,566	4,417	11,949	295	(²)	(²)
INDUSTRY 2252.—HOSIERY, N.E.C.													
Total.....	528	338	43,340	124,114	40,117	71,349	104,550	192,165	258,446	451,098	6,203	(²)	(²)
New England.....	12	10	714	2,426	636	1,138	1,818	4,009	4,344	8,430	190	(²)	(²)
New Hampshire.....	7	5	384	1,249	351	633	1,001	2,155	2,138	4,317	(D)	(²)	(²)
Middle Atlantic.....	52	31	3,562	12,474	3,233	6,132	10,382	19,528	20,459	39,666	581	(²)	(²)
Pennsylvania.....	36	25	2,352	7,517	2,086	3,732	5,877	11,440	14,449	25,839	401	(²)	(²)
North Central.....	11	10	1,895	6,021	1,716	3,068	4,867	9,758	9,265	19,202	110	(²)	(²)
South.....	453	287	37,169	103,193	34,532	61,011	87,483	158,870	224,348	383,800	5,322	(²)	(²)
Virginia.....	6	6	954	2,569	870	1,582	2,164	2,967	4,563	7,583	66	(²)	(²)
North Carolina.....	341	205	24,072	66,107	22,520	39,349	56,670	105,806	141,164	246,788	3,675	(²)	(²)
South Carolina.....	5	2	224	577	208	357	509	829	1,146	2,070	15	(²)	(²)
Georgia.....	22	15	2,921	8,033	2,704	4,700	6,754	10,263	12,255	22,670	374	(²)	(²)
Tennessee.....	44	34	5,400	15,681	4,918	8,980	12,617	25,587	45,405	70,998	902	(²)	(²)
Mississippi.....	7	4	379	1,074	361	649	872	1,273	2,254	3,633	71	(²)	(²)
INDUSTRIES 2251 AND 2252.—HOSIERY													
Total.....	939	606	94,867	294,989	87,191	159,117	248,679	488,511	571,440	1,057,658	22,390	103,170	463,821
New England.....	21	16	1,421	4,592	1,124	2,055	3,318	8,151	12,166	21,888	391	1,703	7,040
Massachusetts.....	4	4	320	1,235	263	459	798	2,000	2,180	4,172	(D)	(²)	(²)
Middle Atlantic.....	174	93	9,168	32,449	8,046	15,119	25,603	45,021	53,720	99,294	2,074	12,160	56,746
Pennsylvania.....	133	77	7,381	25,423	6,440	11,841	19,576	33,372	41,618	75,778	1,814	10,510	48,340
North Central.....	24	17	2,968	9,406	2,722	4,961	7,945	15,912	14,055	29,936	294	4,384	28,089
Illinois.....	6	5	826	2,479	762	1,419	2,149	4,065	4,990	9,342	19	813	4,876
Wisconsin.....	12	9	1,460	4,695	1,308	2,308	3,728	7,464	6,813	14,093	100	1,414	7,005
South.....	720	480	81,310	248,542	75,299	136,982	211,813	419,427	491,499	906,540	19,631	84,923	371,946
Maryland.....	5	4	284	709	256	491	621	962	621	1,730	25	113	482
Virginia.....	18	17	2,338	7,080	2,131	3,933	5,867	9,433	10,762	20,458	486	3,764	15,242
North Carolina.....	510	324	53,525	162,796	50,056	90,467	141,269	283,845	316,116	596,063	13,838	52,555	236,187
South Carolina.....	17	9	1,352	4,493	1,197	2,254	3,823	8,690	12,244	20,981	299	1,250	4,460
Georgia.....	35	24	4,042	11,622	3,691	6,601	9,738	16,047	17,269	33,689	445	5,416	21,241
Tennessee.....	72	59	12,048	37,962	10,893	19,942	30,135	61,260	94,938	154,566	2,054	12,808	56,468
Alabama.....	24	15	2,151	6,360	2,038	3,782	5,762	9,108	9,267	19,801	(D)	1,742	6,582
Mississippi.....	14	9	1,925	5,877	1,783	3,441	4,955	8,839	6,671	15,582	366	1,956	7,497
INDUSTRY 2253.—KNIT OUTERWEAR MILLS													
Total.....	1,185	666	68,570	266,650	60,684	113,602	205,833	463,585	586,899	1,045,470	17,277	60,586	339,914
New England.....	45	32	5,062	19,288	4,422	8,092	13,588	38,761	45,234	82,667	1,335	6,170	31,843
New Hampshire.....	6	6	1,413	4,682	1,202	2,267	3,828	10,048	11,923	21,698	187	1,774	8,444
Massachusetts.....	20	12	2,571	10,946	2,232	3,977	6,802	22,682	28,926	50,485	825	3,617	20,011
Middle Atlantic.....	934	512	41,682	171,341	36,683	68,187	131,779	304,227	379,315	682,968	9,842	41,113	247,541
New York.....	693	352	22,708	99,097	19,740	37,369	75,505	181,058	249,603	430,302	5,347	23,231	156,584
New Jersey.....	122	74	4,914	19,057	4,474	8,460	15,861	30,471	27,083	58,508	1,524	4,976	24,293
Pennsylvania.....	119	86	14,060	53,187	12,469	22,358	40,413	92,698	102,629	194,158	2,971	12,906	66,666

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2253.—KNIT OUTERWEAR MILLS—Continued													
North Central.....	40	27	4,390	17,349	3,985	7,899	13,953	25,629	31,945	57,709	1,240	3,635	19,439
Ohio.....	15	11	2,470	10,115	2,257	4,418	8,265	14,053	20,364	34,525	854	2,151	11,823
Wisconsin.....	10	8	971	3,673	842	1,666	2,807	6,547	4,949	11,553	110	857	4,440
South.....	80	60	14,367	45,523	13,271	24,799	38,063	70,758	87,976	155,804	4,217	7,316	33,164
Virginia.....	10	9	4,871	14,741	4,539	8,362	12,641	23,602	27,396	51,110	1,383	2,727	12,011
North Carolina.....	37	28	3,506	11,254	3,154	5,732	9,433	19,063	20,408	38,479	1,436	1,608	6,616
Florida.....	9	6	600	2,243	546	1,050	1,864	4,155	9,795	13,880	258	(³)	(³)
Tennessee.....	5	5	782	1,879	729	1,349	1,662	2,076	919	3,018	40	(³)	(³)
Mountain.....	4	-	44	121	39	76	100	123	114	240	6	2,352	7,927
Pacific.....	82	35	3,025	13,028	2,284	4,549	8,350	24,087	42,315	66,082	637		
INDUSTRY 2254.—KNIT UNDERWEAR MILLS													
Total.....	118	104	28,364	95,869	25,578	48,103	76,076	170,709	200,400	364,834	4,772	29,207	145,592
New England.....	5	2	132	596	114	218	450	762	992	1,852	51	436	3,340
Middle Atlantic.....	77	67	8,483	27,039	7,614	14,263	21,838	48,623	83,941	131,784	1,064	10,175	47,219
Pennsylvania.....	55	51	6,656	21,111	6,077	11,423	17,442	37,977	67,812	104,892	912	7,361	33,752
North Central.....	6	6	2,689	12,551	1,926	3,761	6,404	25,638	22,024	46,105	715	3,154	18,016
South and West.....	30	29	17,060	55,683	15,924	29,861	47,384	95,686	93,443	185,093	2,943	15,442	77,017
North Carolina.....	9	8	5,411	18,135	4,933	9,228	14,779	30,033	28,417	56,865	788	5,484	24,115
Georgia.....	7	7	2,840	9,036	2,666	4,852	7,846	16,678	17,551	34,983	241	3,005	16,395
Tennessee.....	4	4	4,061	13,709	3,871	7,420	12,315	19,037	20,266	37,685	1,151	3,448	17,497
INDUSTRY 2256.—KNIT FABRIC MILLS													
Total.....	518	243	25,046	117,532	21,364	46,465	88,296	252,908	569,021	817,383	18,409	18,356	147,394
New England.....	45	28	4,323	19,465	3,629	7,437	14,147	36,546	70,336	106,818	2,289	3,037	27,687
Massachusetts.....	20	12	2,678	12,027	2,199	4,567	8,478	22,901	49,534	72,510	1,103	1,405	14,499
Connecticut.....	10	4	259	1,402	216	444	1,023	2,048	3,083	5,161	73	(³)	(³)
Middle Atlantic.....	347	133	10,902	57,969	9,040	20,092	42,173	121,591	259,905	378,020	6,302	8,299	70,744
New York.....	215	71	5,357	29,042	4,271	9,442	19,853	64,681	130,121	194,776	2,668	4,163	39,319
New Jersey.....	56	19	1,731	9,965	1,538	3,353	7,966	19,268	47,071	66,221	1,505	1,092	10,782
Pennsylvania.....	76	43	3,814	18,962	3,231	7,297	14,354	37,642	82,713	117,023	2,129	3,044	20,643
East North Central..	9	5	539	2,699	433	912	2,080	7,149	15,022	21,788	92	795	7,976
West North Central..	4	2	119	545	90	169	335	974	1,506	2,485	24		
Minnesota.....	4	2	119	545	90	169	335	974	1,506	2,485	24	(³)	(³)
South Atlantic.....	99	66	7,513	29,980	6,675	14,661	24,043	69,426	193,993	262,723	8,247	4,098	25,481
North Carolina.....	75	47	5,496	22,615	4,886	11,052	18,081	52,176	154,458	206,742	6,874	2,450	14,993
South Carolina.....	8	7	711	2,938	604	1,338	2,175	5,862	23,776	29,004	395	742	3,033
East South Central..	7	5	1,520	6,053	1,393	2,963	4,999	15,520	22,278	37,847	1,318	2,062	14,632
Pacific.....	7	4	130	821	104	231	519	1,701	5,981	7,702	137	65	874
California.....	7	4	130	821	104	231	519	1,701	5,981	7,702	137	(³)	(³)
INDUSTRY 2259.—KNITTING MILLS, N.E.C.													
Total.....	88	45	3,639	12,458	3,215	6,054	9,935	20,309	20,286	40,731	320	3,230	14,543
Northeast.....	62	29	1,767	6,559	1,547	2,888	4,911	11,453	12,127	23,622	186	1,928	9,367
New York.....	39	18	1,222	4,546	1,068	2,015	3,465	8,522	7,952	16,306	139	(³)	(³)
Pennsylvania.....	12	7	405	1,530	354	650	1,119	2,307	3,466	5,992	21	482	2,721
East North Central..	5	5	1,182	3,983	1,051	2,046	3,415	5,613	4,430	10,127	72	987	3,841
West North Central..	3	3	184	474	157	297	384	641	1,376	2,023	15		
South and West.....	18	8	506	1,442	460	823	1,225	2,602	2,353	4,959	47	315	1,335
North Carolina.....	10	5	265	717	234	410	589	1,387	1,059	2,450	43	(³)	(³)

Footnotes on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-22B

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2251, Women's Hosiery, Except Socks: New England—New Hampshire, 5 (500-999); Massachusetts, 2 (100-249); Rhode Island, 1 (1-19); Connecticut, 1 (20-99); East North Central—Indiana, 1 (250-499); Illinois, 4 (250-499); West North Central—Missouri, 3 (250-499); South Atlantic—Delaware, 5 (20-99); Maryland, 3 (100-249); East South Central—Kentucky, 4 (1,021); Alabama, 4 (809); West South Central—Arkansas, 4 (250-499); Oklahoma, 1 (100-249); Texas, 2 (20-99); Pacific—California, 3 (250-499).

SIC 2252, Hosiery, N.E.C.: New England—Massachusetts, 2 (100-249); Connecticut, 1 (20-99); Middle Atlantic—New York, 13 (1,129); New Jersey, 3 (20-99); East North Central—Ohio, 1 (20-99); Illinois, 2 (250-499); Wisconsin, 7 (1,373); West North Central—Missouri, 1 (1-19); South Atlantic—Delaware, 3 (259); Maryland, 2 (100-249); West Virginia, 1 (500-999); East South Central—Kentucky, 2 (500-999); Alabama, 20 (1,342);

SIC 2251 and 2252, Hosiery: New England—New Hampshire, 12 (500-999); Vermont, 2 (20-99); Rhode Island, 1 (1-19); Connecticut, 2 (100-249); Middle Atlantic—New York, 29 (1,000-2,499); New Jersey, 12 (250-499); East North Central—Ohio, 1 (20-99); Indiana, 1 (250-499); West North Central—Missouri, 4 (250-499); South Atlantic—Delaware, 8 (250-499); West Virginia, 1 (500-999); East South Central—Kentucky, 6 (1,000-2,499); West South Central—Arkansas, 4 (250-499); Oklahoma, 1 (100-249); Texas, 2 (20-99); Pacific—California, 3 (250-499).

SIC 2253, Knit Outerwear Mills: New England—Maine, 3 (100-249); Rhode Island, 2 (100-249); Connecticut, 14 (735); East North Central—Illinois, 7 (250-499); Michigan, 3 (100-249); West North Central—Minnesota, 4 (368); Missouri, 1 (1-19); South Atlantic—Delaware, 1 (1-19); West Virginia, 1 (250-499); South Carolina, 5 (500-999); Georgia, 3 (500-999); East South Central—Kentucky, 2 (20-99); Alabama, 3 (1,000-2,499); Mississippi, 1 (100-249); West South Central—Arkansas, 1 (20-99); Texas, 2 (100-249); Mountain—Colorado, 1 (1-19); Utah, 3 (20-99); Pacific—Washington, 6 (100-249); Oregon, 5 (1,000-2,499); California, 71 (1,377).

SIC 2254, Knit Underwear Mills: New England—Vermont, 2 (20-99); Massachusetts, 2 (20-99); Connecticut, 1 (1-19); Middle Atlantic—New York, 19 (1,682); New Jersey, 3 (145); East North Central—Ohio, 1 (250-499); Illinois, 1 (20-99); Michigan, 1 (250-999); Wisconsin, 2 (500-999); West North Central—Minnesota, 1 (1,000-2,499); South Atlantic—South Carolina, 1 (250-499); East South Central—Kentucky, 1 (1,000-2,499); Alabama, 2 (500-999); Mississippi, 4 (1,000-2,499); Mountain—Arizona, 1 (20-99); Utah, 1 (250-499).

SIC 2256, Knit Fabric Mills: New England—Maine, 1 (20-99); New Hampshire, 1 (20-99); Vermont, 1 (20-99); Rhode Island, 12 (1,267); East North Central—Ohio, 2 (100-249); Michigan, 1 (1-19); Wisconsin, 6 (409); South Atlantic—Delaware, 1 (20-99); Maryland, 1 (100-249); Virginia, 9 (500-999); Florida, 2 (1-19); East South Central—Tennessee, 4 (1,000-2,499); Alabama, 3 (250-499).

SIC 2259, Knitting Mills, N.E.C.: New England—New Hampshire, 1 (1-19); Massachusetts, 3 (20-99); Middle Atlantic—New Jersey, 7 (20-99); East North Central—Ohio, 1 (20-99); Indiana, 1 (100-249); Illinois, 1 (100-249); Wisconsin, 2 (500-999); West North Central—Minnesota, 2 (100-249); Iowa, 1 (20-99); South Atlantic—Virginia, 2 (1-19); Georgia, 1 (20-99); Florida, 1 (1-19); East South Central—Tennessee, 1 (100-249); Alabama, 1 (20-99); Pacific—California, 2 (1-19).

²See text regarding comparability of 1963 and 1958 data.

³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Women's hosiery, except socks (SIC 2251)				Hosiery, n.e.c. (SIC 2252)			
	Total	Manufacturers (SIC 2251- 11)	Converters (SIC 2251- 22)	Contractors (SIC 2251- 33)	Total	Manufacturers (SIC 2252- 11)	Converters (SIC 2252- 22)	Contractors (SIC 2252- 33)
Primary product specialization ratio ¹.....	.96	(NA)	(NA)	(NA)	.91	.91	.94	1.00
Coverage ratio ².....	.94	(NA)	(NA)	(NA)	.96	(NA)	(NA)	(NA)
Establishments, total.....number..	411	355	22	34	528	499	9	20
With 1 to 19 employees.....do....	143	120	10	13	190	180	4	6
With 20 to 99 employees.....do....	152	133	6	13	209	195	4	10
With 100 employees or more.....do....	116	102	6	8	129	124	1	4
Proprietors and working partners.....do....	271	(NA)	(NA)	(NA)	511	(NA)	(NA)	(NA)
All employees (average for the year).....do....	51,527	46,576	1,261	3,490	43,340	41,880	342	1,118
Payroll (all employees), total for year.....\$1,000..	170,875	154,923	5,263	10,689	124,114	120,159	888	3,067
Production workers:								
Average for the year.....number..	47,074	42,722	946	3,406	40,117	38,814	306	997
March.....do....	47,581	43,246	928	3,407	39,593	38,397	263	933
May.....do....	46,803	42,548	913	3,342	40,317	38,977	373	967
August.....do....	46,739	42,430	930	3,379	41,165	39,845	305	1,015
November.....do....	47,174	42,665	1,013	3,496	39,394	38,046	283	1,075
Man-hours.....1,000..	87,768	79,737	1,897	6,134	71,349	69,173	496	1,680
January-March.....do....	22,160	20,148	497	1,515	17,071	16,541	145	385
April-June.....do....	22,045	20,066	485	1,494	18,044	17,513	122	409
July-September.....do....	21,020	19,069	441	1,510	18,706	18,177	106	423
October-December.....do....	22,543	20,454	474	1,615	17,528	16,942	123	463
Wages.....\$1,000..	144,125	131,817	3,131	9,181	104,550	101,441	674	2,435
Cost of materials, etc., total.....do....	313,024	274,233	32,646	6,145	258,416	252,119	5,124	1,173
Materials, parts, containers, and supplies consumed.....do....	27,979	252,494	22,014	5,244	226,236	225,369	3,560	1,020
Cost of resales.....do....	11,308	11,057	227	23	22,614	23,292	98	-
Fuels consumed.....do....	2,573	2,228	38	307	2,224	2,103	19	102
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	371	345	14	12	110	108	(D)	(D)
Cost.....\$1,000..	4,124	3,771	156	197	1,601	1,555	(D)	(D)
Generated less sold.....million kw.-hrs..	(D)	(D)	-	(D)	(D)	(D)	-	-
Contract work.....\$1,000..	15,268	4,683	10,211	374	5,741	4,289	1,439	13
Value of shipments (including resales), total.....do....	606,560	545,460	40,540	20,560	451,098	438,590	6,596	5,912
Value of resales.....do....	12,715	12,419	273	23	26,228	26,140	88	-
Value added by manufacture, adjusted.....do....	296,346	273,170	8,998	14,178	191,165	184,835	1,567	4,763
Manufacturers' inventories:								
Beginning of year, total.....do....	102,410	93,667	6,960	1,783	75,390	74,152	926	312
Finished products.....do....	40,908	35,370	5,204	334	32,234	31,468	672	94
Work-in-process.....do....	44,016	42,145	1,267	604	26,775	26,465	201	109
Materials, supplies, fuel, etc.....do....	17,486	16,152	489	845	16,381	16,219	53	109
End of year, total.....do....	107,236	97,575	8,060	1,601	75,426	74,066	1,028	332
Finished products.....do....	42,946	36,606	5,836	234	31,840	30,944	777	119
Work-in-process.....do....	45,058	42,855	1,739	467	26,652	26,353	191	108
Materials, supplies, fuel, etc.....do....	19,502	18,117	485	900	16,934	16,769	60	105
Expenditures for plant and equipment, total.....do....	17,182	15,493	1,051	638	7,223	7,015	91	117
New, total.....do....	16,187	14,809	830	548	6,203	6,026	83	94
New structures and additions to plant.....do....	2,235	2,171	17	47	766	721	33	12
New machinery and equipment.....do....	13,952	12,638	813	501	5,437	5,305	50	82
Used plant and equipment.....do....	995	684	221	90	1,020	989	8	23
Selected operating ratios:								
Payroll/Total employment.....	3,316	3,326	4,174	2,910	2,866	2,871	2,596	2,743
Production workers/Total employment.....	.91	.92	.75	.93	.93	.93	.89	.89
Man-hours/Production workers.....	1,864	1,866	2,005	1,785	1,780	1,784	1,621	1,685
Production worker wages/Man-hours.....	1.64	1.65	1.65	1.51	1.46	1.47	1.36	1.45
Cost of materials and payrolls/Total value of shipments....	.80	.79	.94	.82	.85	.85	.91	.72
Cost of materials/Total value of shipments.....	.52	.50	.81	.30	.57	.57	.78	.20
Adjusted value added/Total employment.....	5,751	5,859	7,136	3,890	4,452	4,456	4,582	4,260
Salaries and wages/Adjusted value added.....	.58	.57	.58	.75	.64	.64	.57	.64

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Knit outerwear mills (SIC 2253)				Knit underwear mills (SIC 2254)	
	Total	Manufacturers (SIC 2253-11)	Converters (SIC 2253-22)	Contractors (SIC 2253-33)	Total ³	Manufacturers (SIC 2254-11)
Primary product specialization ratio ¹.....	.92	(NA)	(NA)	(NA)	.89	(NA)
Coverage ratio ².....	.97	(NA)	(NA)	(NA)	.91	(NA)
Establishments, total.....number..	1,185	684	146	355	118	104
With 1 to 19 employees.....do....	519	292	106	121	14	8
With 20 to 99 employees.....do....	510	271	30	209	43	38
With 100 employees or more.....do....	156	121	10	25	61	58
Proprietors and working partners.....do....	788	(NA)	(NA)	(NA)	30	(NA)
All employees (average for the year).....do....	68,570	49,572	4,256	14,742	28,364	27,221
Payroll (all employees), total for year.....\$1,000..	266,650	185,212	24,661	56,777	95,869	91,493
Production workers:						
Average for the year.....number..	60,684	44,317	2,523	13,844	25,578	24,573
March.....do....	55,001	41,164	2,124	11,713	24,570	23,856
May.....do....	61,159	44,695	2,476	13,988	26,319	25,232
August.....do....	65,000	46,916	2,756	15,328	25,633	24,530
November.....do....	61,576	44,493	2,736	14,347	25,790	24,674
Man-hours.....1,000..	113,602	83,935	4,540	25,127	48,103	46,117
January-March.....do....	23,672	17,735	925	5,012	11,439	10,951
April-June.....do....	29,522	21,872	1,128	6,522	12,456	11,955
July-September.....do....	31,180	22,805	1,274	7,101	11,976	11,498
October-December.....do....	29,228	21,523	1,213	6,492	12,232	11,713
Wages.....\$1,000..	205,833	146,836	8,943	50,054	76,076	72,733
Cost of materials, etc., total.....do....	586,899	362,292	207,673	16,934	200,400	169,265
Materials, parts, containers, and supplies consumed.....do....	440,992	313,071	114,159	13,762	163,589	144,217
Cost of resales.....do....	35,744	25,506	10,044	194	12,601	12,601
Fuels consumed.....do....	2,471	1,825	55	591	1,196	1,116
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	188	144	9	35	92	87
Cost.....\$1,000..	3,308	2,382	176	750	1,155	1,079
Generated less sold.....million kw.-hrs..	(D)	-	-	(D)	-	-
Contract work.....\$1,000..	104,384	19,508	83,239	1,637	21,859	10,252
Value of shipments (including resales), total.....do....	1,045,470	668,665	276,596	100,209	364,834	324,403
Value of resales.....do....	52,207	38,911	13,065	231	16,478	16,478
Value added by manufacture, adjusted.....do....	463,585	309,790	71,139	82,656	170,709	161,072
Manufacturers' inventories:						
Beginning of year, total.....do....	129,635	94,917	30,704	4,014	76,121	71,471
Finished products.....do....	63,954	42,465	20,255	1,234	42,045	39,828
Work-in-process.....do....	25,153	19,413	4,503	1,237	14,333	13,592
Materials, supplies, fuel, etc.....do....	40,528	33,039	5,946	1,543	19,743	18,051
End of year, total.....do....	135,470	98,620	33,722	3,128	84,345	79,240
Finished products.....do....	69,134	46,626	21,745	763	46,997	44,619
Work-in-process.....do....	24,991	18,673	5,229	1,089	15,656	14,735
Materials, supplies, fuel, etc.....do....	41,345	33,321	6,748	1,276	21,692	19,886
Expenditures for plant and equipment, total.....do....	18,669	13,266	1,482	3,921	5,251	5,079
New, total.....do....	17,277	12,146	1,454	3,677	4,772	4,642
New structures and additions to plant.....do....	3,241	2,846	49	346	1,132	1,128
New machinery and equipment.....do....	14,036	9,300	1,405	3,331	3,640	3,514
Used plant and equipment.....do....	1,392	1,120	28	244	479	437
Selected operating ratios:						
Payroll/Total employment.....	3,889	3,736	5,794	3,851	3,380	3,361
Production workers/Total employment.....	.88	.89	.59	.94	.90	.90
Man-hours/Production workers.....	1,872	1,894	1,799	1,815	1,881	1,877
Production worker wages/Man-hours.....	1.81	1.75	1.97	1.99	1.58	1.58
Cost of materials and payrolls/Total value of shipments....	.82	.82	.84	.74	.81	.80
Cost of materials/Total value of shipments.....	.56	.54	.75	.17	.55	.52
Adjusted value added/Total employment.....	6,761	6,249	16,715	5,607	6,019	5,917
Salaries and wages/Adjusted value added.....	.58	.60	.35	.69	.56	.57

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Knit fabric mills (SIC 2256)				Knitting mills, n.e.c. (SIC 2259)	
	Total	Manufacturers (SIC 2256-11)	Converters (SIC 2256-22)	Contractors (SIC 2256-33)	Total ³	Manufacturers (SIC 2259-11)
Primary product specialization ratio ¹.....	.95	(NA)	(NA)	(NA)	.93	(NA)
Coverage ratio ².....	.93	(NA)	(NA)	(NA)	.86	(NA)
Establishments, total.....number..	518	291	29	198	88	76
With 1 to 19 employees.....do....	275	134	22	119	43	41
With 20 to 99 employees.....do....	178	107	6	65	35	26
With 100 employees or more.....do....	65	50	1	14	10	9
Proprietors and working partners.....do....	204	(NA)	(NA)	(NA)	88	(NA)
All employees (average for the year).....do....	25,046	18,743	490	5,813	3,639	3,121
Payroll (all employees), total for year.....\$1,000..	117,532	87,564	3,140	26,828	12,458	10,934
Production workers:						
Average for the year.....number..	21,364	16,051	264	5,049	3,215	2,746
March.....do....	20,242	15,553	259	4,430	3,014	2,566
May.....do....	21,492	16,147	269	5,076	3,315	2,844
August.....do....	22,000	16,382	264	5,354	3,350	2,868
November.....do....	21,720	16,120	264	5,336	3,179	2,707
Man-hours.....1,000..	46,465	34,655	466	11,344	6,054	5,178
January-March.....do....	10,833	8,302	114	2,419	1,373	1,170
April-June.....do....	11,953	8,882	120	2,952	1,623	1,391
July-September.....do....	11,947	8,798	118	3,031	1,533	1,319
October-December.....do....	11,732	8,673	118	2,942	1,525	1,298
Wages.....\$1,000..	88,296	65,891	938	21,467	9,935	8,691
Cost of materials, etc., total.....do....	569,021	486,086	64,475	18,460	20,286	17,694
Materials, parts, containers, and supplies consumed.....do....	507,473	444,166	48,951	14,356	18,369	16,604
Cost of resales.....do....	10,197	10,075	100	22	110	110
Fuels consumed.....do....	4,235	2,475	15	1,745	212	155
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	319	261	3	55	8	7
Cost.....\$1,000..	4,245	3,217	58	970	183	157
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-	-	-
Contract work.....\$1,000..	42,871	26,153	15,351	1,367	1,412	668
Value of shipments (including resales), total.....do....	817,383	671,985	76,824	68,574	40,731	35,350
Value of resales.....do....	12,618	12,397	125	96	111	111
Value added by manufacture, adjusted.....do....	252,908	191,673	11,727	49,508	20,309	17,465
Manufacturers' inventories:						
Beginning of year, total.....do....	88,764	79,152	7,782	1,830	6,584	5,957
Finished products.....do....	30,754	26,984	3,616	154	2,319	2,082
Work-in-process.....do....	21,457	19,435	1,826	196	1,647	1,306
Materials, supplies, fuel, etc.....do....	36,553	32,733	2,340	1,480	2,618	2,569
End of year, total.....do....	96,942	87,428	7,519	1,995	6,255	5,579
Finished products.....do....	30,631	27,188	3,241	202	2,345	2,058
Work-in-process.....do....	26,126	24,337	1,579	210	1,485	1,139
Materials, supplies, fuel, etc.....do....	40,185	35,903	2,699	1,583	2,425	2,382
Expenditures for plant and equipment, total.....do....	20,360	16,638	271	3,451	1,698	1,621
New, total.....do....	18,409	14,968	260	3,181	320	244
New structures and additions to plant.....do....	3,409	2,890	12	507	11	11
New machinery and equipment.....do....	15,000	12,078	248	2,674	309	233
Used plant and equipment.....do....	1,951	1,670	11	270	1,378	1,377
Selected operating ratios:						
Payroll/Total employment.....	4,692	4,672	6,408	4,615	3,423	3,503
Production workers/Total employment.....	.85	.86	.54	.87	.88	.88
Man-hours/Production workers.....	2,175	2,159	1,765	2,247	1,883	1,886
Production worker wages/Man-hours.....	1.90	1.90	2.01	1.89	1.64	1.68
Cost of materials and payrolls/Total value of shipments....	.84	.85	.88	.66	.80	.81
Cost of materials/Total value of shipments.....	.70	.72	.84	.27	.50	.50
Adjusted value added/Total employment.....	10,098	10,226	23,933	8,517	5,581	6,360
Salaries and wages/Adjusted value added.....	.46	.46	.27	.54	.61	.71

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Data for converters and contractors not shown to avoid disclosing figures for individual companies.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2251.—WOMEN'S HOSIERY, EXCEPT SOCKS											
Establishments.....number..	411	60	38	45	87	65	59	36	15	5	1
All employees:											
Total.....do....	51,527	107	279	632	2,804	4,754	8,655	12,113	10,487	<u>11,696</u>	(D)
Payroll.....\$1,000..	170,875	417	954	2,002	9,558	14,988	27,608	40,066	33,518	<u>41,764</u>	(D)
Value added, adjusted.....do....	296,346	686	1,611	2,898	16,287	23,651	47,074	68,117	63,748	<u>72,274</u>	(D)
Value of shipments.....do....	606,560	4,293	4,021	6,653	35,809	54,225	107,194	142,849	130,110	<u>121,406</u>	(D)
Capital expenditures, new...do....	16,187	37	104	387	1,351	1,160	2,632	4,394	2,189	<u>3,933</u>	(D)
Subindustry 2251-11.—Women's Hosiery, Except Socks-MANUFACTURERS											
Establishments.....number..	355	52	28	40	80	53	50	32	14	5	1
All employees:											
Total.....do....	46,576	87	205	563	2,586	3,824	7,279	19,809	(D)	<u>11,696</u>	(D)
Payroll.....\$1,000..	154,923	312	674	1,784	8,795	12,128	22,503	<u>65,327</u>	(D)	<u>41,764</u>	(D)
Value added, adjusted.....do....	273,170	466	1,104	2,588	15,011	19,911	40,767	<u>117,680</u>	(D)	<u>72,274</u>	(D)
Value of shipments.....do....	545,460	1,060	2,470	5,929	32,905	44,999	82,209	<u>246,982</u>	(D)	<u>121,406</u>	(D)
Capital expenditures, new...do....	14,809	29	78	382	1,143	1,027	2,122	<u>6,080</u>	(D)	<u>3,933</u>	(D)
Subindustry 2251-22.—Women's Hosiery, Except Socks-CONVERTERS											
Establishments.....number..	22	5	4	1	4	2	5	1	-	-	-
All employees:											
Total.....do....	1,261	<u>51</u>	(D)	(D)	<u>281</u>	(D)	<u>929</u>	(D)	-	-	-
Payroll.....\$1,000..	5,263	<u>233</u>	(D)	(D)	<u>1,031</u>	(D)	<u>3,999</u>	(D)	-	-	-
Value added, adjusted.....do....	8,998	<u>509</u>	(D)	(D)	<u>1,760</u>	(D)	<u>6,729</u>	(D)	-	-	-
Value of shipments.....do....	40,540	<u>4,709</u>	(D)	(D)	<u>7,332</u>	(D)	<u>28,499</u>	(D)	-	-	-
Capital expenditures, new...do....	830	<u>8</u>	(D)	(D)	<u>217</u>	(D)	<u>605</u>	(D)	-	-	-
Subindustry 2251-33.—Women's Hosiery, Except Socks-CONTRACTORS											
Establishments.....number..	34	3	6	4	3	10	4	3	1	-	-
All employees:											
Total.....do....	3,690	<u>112</u>	(D)	(D)	<u>867</u>	(D)	<u>2,711</u>	(D)	(D)	-	-
Payroll.....\$1,000..	10,689	<u>370</u>	(D)	(D)	<u>2,592</u>	(D)	<u>7,727</u>	(D)	(D)	-	-
Value added, adjusted.....do....	14,178	<u>528</u>	(D)	(D)	<u>3,256</u>	(D)	<u>10,394</u>	(D)	(D)	-	-
Value of shipments.....do....	20,560	<u>799</u>	(D)	(D)	<u>4,798</u>	(D)	<u>14,963</u>	(D)	(D)	-	-
Capital expenditures, new...do....	548	<u>31</u>	(D)	(D)	<u>124</u>	(D)	<u>393</u>	(D)	(D)	-	-
INDUSTRY 2252.—HOSIERY, N.E.C.											
Establishments.....number..	528	64	52	74	118	91	85	35	9	-	-
All employees:											
Total.....do....	43,340	137	369	1,017	3,940	6,361	13,689	12,345	5,482	-	-
Payroll.....\$1,000..	124,114	304	957	2,485	9,826	16,795	38,905	37,030	17,812	-	-
Value added, adjusted.....do....	192,165	905	1,627	4,119	16,705	25,560	57,523	59,709	26,017	-	-
Value of shipments.....do....	451,098	1,879	3,714	8,418	39,940	56,590	133,585	131,617	73,355	-	-
Capital expenditures, new...do....	5,203	36	124	166	596	790	2,149	1,892	450	-	-
Subindustry 2252-11.—Hosiery, n.e.c., MANUFACTURERS											
Establishments.....number..	499	59	51	70	110	85	80	35	9	-	-
All employees:											
Total.....do....	41,880	<u>490</u>	(D)	955	3,683	5,927	12,998	12,345	5,482	-	-
Payroll.....\$1,000..	120,159	<u>1,231</u>	(D)	2,296	9,209	15,656	36,925	37,030	17,812	-	-
Value added, adjusted.....do....	185,835	<u>2,502</u>	(D)	3,799	15,274	23,955	54,579	59,709	26,017	-	-
Value of shipments.....do....	438,590	<u>5,414</u>	(D)	8,031	36,789	53,415	127,969	131,617	75,355	-	-
Capital expenditures, new...do....	6,026	<u>307</u>	(D)	(D)	572	714	2,091	1,892	450	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2252-22.—Hosiery, n.e.c., CONVERTERS											
Establishments.....number..	9	3	1	-	2	2	1	-	-	-	-
All employees:											
Total.....do.....	342	66	(D)	-	(D)	276	(D)	-	-	-	-
Payroll.....\$1,000..	888	139	(D)	-	(D)	749	(D)	-	-	-	-
Value added, adjusted.....do....	1,567	583	(D)	-	(D)	984	(D)	-	-	-	-
Value of shipments.....do....	6,596	2,173	(D)	-	(D)	4,423	(D)	-	-	-	-
Capital expenditures, new...do....	83	21	(D)	-	(D)	62	(D)	-	-	-	-
Subindustry 2252-33.—Hosiery, n.e.c., CONTRACTORS											
Establishments.....number..	20	2	-	4	6	4	4	-	-	-	-
All employees:											
Total.....do.....	1,118	269	-	(D)	(D)	849	(D)	-	-	-	-
Payroll.....\$1,000..	3,067	697	-	(D)	(D)	2,370	(D)	-	-	-	-
Value added, adjusted.....do....	4,763	1,198	-	(D)	(D)	3,565	(D)	-	-	-	-
Value of shipments.....do....	5,912	1,544	-	(D)	(D)	4,368	(D)	-	-	-	-
Capital expenditures, new...do....	94	22	-	(D)	(D)	72	(D)	-	-	-	-
INDUSTRY 2253.—KNIT OUTERWEAR MILLS											
Establishments.....number..	1,185	183	135	201	356	154	100	40	12	4	-
All employees:											
Total.....do.....	68,570	371	914	2,885	11,264	10,912	14,735	13,599	8,328	5,562	-
Payroll.....\$1,000..	266,650	1,755	4,347	12,156	44,435	43,362	57,261	50,302	30,156	22,876	-
Value added, adjusted.....do....	463,585	7,240	10,287	24,443	76,151	67,948	95,794	89,910	55,142	36,670	-
Value of shipments.....do....	1,045,470	30,739	40,765	74,732	154,705	139,665	212,958	175,299	119,550	97,057	-
Capital expenditures, new...do....	17,277	139	322	714	3,064	3,057	4,097	2,442	2,266	1,176	-
Subindustry 2253-11.—Knit Outerwear Mills-MANUFACTURERS											
Establishments.....number..	684	114	81	97	185	86	75	31	11	4	-
All employees:											
Total.....do.....	49,572	224	524	1,350	5,825	6,123	11,394	18,570	(D)	5,562	-
Payroll.....\$1,000..	185,212	907	1,959	4,860	21,221	23,965	43,167	66,257	(D)	22,876	-
Value added, adjusted.....do....	309,790	2,122	3,953	7,837	37,714	37,339	69,643	114,512	(D)	36,670	-
Value of shipments.....do....	668,665	4,697	9,381	16,619	72,682	82,528	151,076	234,625	(D)	97,057	-
Capital expenditures, new...do....	12,146	80	142	318	1,583	1,946	3,346	3,555	(D)	1,176	-
Subindustry 2253-22.—Knit Outerwear Mills-CONVERTERS											
Establishments.....number..	146	46	30	30	21	9	7	2	1	-	-
All employees:											
Total.....do.....	4,256	101	208	418	693	671	2,165	(D)	(D)	-	-
Payroll.....\$1,000..	24,661	647	1,522	3,172	5,211	3,107	11,002	(D)	(D)	-	-
Value added, adjusted.....do....	71,139	4,836	5,101	10,487	12,137	5,767	32,811	(D)	(D)	-	-
Value of shipments.....do....	276,596	25,530	29,690	50,447	50,174	26,640	94,115	(D)	(D)	-	-
Capital expenditures, new...do....	1,454	43	28	112	324	263	684	(D)	(D)	-	-
Subindustry 2253-33.—Knit Outerwear Mills-CONTRACTORS											
Establishments.....number..	355	23	24	74	150	59	18	7	-	-	-
All employees:											
Total.....do.....	14,742	46	182	1,117	4,746	4,118	4,533	(D)	-	-	-
Payroll.....\$1,000..	56,777	201	866	4,124	18,003	16,290	17,293	(D)	-	-	-
Value added, adjusted.....do....	82,656	282	1,233	6,119	26,300	24,842	23,280	(D)	-	-	-
Value of shipments.....do....	100,209	512	1,694	7,666	31,849	30,497	27,991	(D)	-	-	-
Capital expenditures, new...do....	3,677	16	152	284	1,157	848	1,220	(D)	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2254.—KNIT UNDERWEAR MILLS											
Establishments.....number..	118	4	2	8	19	24	32	17	8	3	1
All employees:											
Total.....do.....	28,364	17	(D)	113	679	1,756	5,089	5,920	6,095	8,695	(D)
Payroll.....\$1,000..	95,869	43	(D)	533	1,781	5,484	15,434	19,831	21,514	31,249	(D)
Value added, adjusted.....do....	170,709	45	(D)	1,719	2,653	7,686	25,416	33,679	44,572	54,939	(D)
Value of shipments.....do....	364,834	86	(D)	6,696	5,970	17,717	59,237	91,560	86,032	97,536	(D)
Capital expenditures, new...do....	4,772	73	(D)	(D)	38	238	664	1,241	692	1,826	(D)
Subindustry 2254-11.—Knit Underwear Mills-MANUFACTURERS											
Establishments.....number..	104	3	-	5	16	22	31	15	8	3	1
All employees:											
Total.....do.....	27,221	12,431	-	(D)	(D)	(D)	(D)	(D)	6,095	8,695	(D)
Payroll.....\$1,000..	91,493	38,730	-	(D)	(D)	(D)	(D)	(D)	21,514	31,249	(D)
Value added, adjusted.....do....	161,072	61,561	-	(D)	(D)	(D)	(D)	(D)	44,572	54,939	(D)
Value of shipments.....do....	324,403	140,835	-	(D)	(D)	(D)	(D)	(D)	86,032	97,536	(D)
Capital expenditures, new...do....	4,642	2,124	-	(D)	(D)	(D)	(D)	(D)	692	1,826	(D)
INDUSTRY 2256.—KNIT FABRIC MILLS											
Establishments.....number..	518	102	84	89	115	63	47	14	4	-	-
All employees:											
Total.....do.....	25,046	191	588	1,220	3,581	4,644	7,483	4,825	2,514	-	-
Payroll.....\$1,000..	117,532	1,368	3,424	7,025	18,151	21,664	33,960	20,339	11,601	-	-
Value added, adjusted.....do....	252,908	3,605	8,972	12,867	39,008	51,830	81,146	33,239	22,241	-	-
Value of shipments.....do....	817,383	19,320	32,338	43,197	123,371	180,515	217,487	116,011	85,144	-	-
Capital expenditures, new...do....	18,409	217	344	786	2,438	3,992	5,272	3,415	1,945	-	-
Subindustry 2256-11.—Knit Fabric Mills-MANUFACTURERS											
Establishments.....number..	291	45	42	47	66	41	33	13	4	-	-
All employees:											
Total.....do.....	18,743	85	297	660	2,086	3,022	10,079	(D)	2,514	-	-
Payroll.....\$1,000..	87,564	533	1,633	4,169	11,208	14,439	43,981	(D)	11,601	-	-
Value added, adjusted.....do....	191,673	935	3,261	8,265	24,031	37,085	95,855	(D)	22,241	-	-
Value of shipments.....do....	671,985	2,865	11,104	31,643	90,860	145,918	304,451	(D)	85,144	-	-
Capital expenditures, new...do....	14,968	50	156	523	1,528	2,772	7,994	(D)	1,945	-	-
Subindustry 2256-22.—Knit Fabric Mills-CONVERTERS											
Establishments.....number..	29	12	7	3	4	2	1	-	-	-	-
All employees:											
Total.....do.....	490	29	45	44	96	276	(D)	-	-	-	-
Payroll.....\$1,000..	3,140	296	496	359	741	1,248	(D)	-	-	-	-
Value added, adjusted.....do....	11,727	1,577	2,824	774	2,716	3,836	(D)	-	-	-	-
Value of shipments.....do....	76,824	13,984	17,352	6,743	15,794	22,951	(D)	-	-	-	-
Capital expenditures, new...do....	260	50	36	142	(D)	32	(D)	-	-	-	-
Subindustry 2256-33.—Knit Fabric Mills-CONTRACTORS											
Establishments.....number..	198	45	35	39	45	20	13	1	-	-	-
All employees:											
Total.....do.....	5,813	77	246	516	1,399	3,575	(D)	(D)	-	-	-
Payroll.....\$1,000..	26,828	539	1,295	2,497	6,202	16,295	(D)	(D)	-	-	-
Value added, adjusted.....do....	49,508	1,093	2,887	3,828	12,261	29,439	(D)	(D)	-	-	-
Value of shipments.....do....	68,574	2,471	3,882	4,811	16,717	40,693	(D)	(D)	-	-	-
Capital expenditures, new...do....	3,181	117	152	1,031	(D)	1,881	(D)	(D)	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2259.—KNITTING MILLS, N.E.C.										
Establishments.....number..	88	25	7	11	26	9	9	-	1	-	-
All employees:											
Total.....do....	3,639	44	50	136	809	2,600	(D)	-	(D)	-	-
Payroll.....\$1,000..	12,458	212	206	440	2,873	8,727	(D)	-	(D)	-	-
Value added, adjusted.....do....	20,309	542	538	1,127	5,115	12,987	(D)	-	(D)	-	-
Value of shipments.....do....	40,731	1,115	968	1,721	12,137	24,790	(D)	-	(D)	-	-
Capital expenditures, new...do....	320	11	8	22	94	185	(D)	-	(D)	-	-
	Subindustry 2259-11.—Knitting Mills, n.e.c., MANUFACTURERS										
Establishments.....number..	76	25	6	10	20	6	8	-	1	-	-
All employees:											
Total.....do....	3,121	44	778	(D)	(D)	2,299	(D)	-	(D)	-	-
Payroll.....\$1,000..	10,934	212	2,728	(D)	(D)	7,994	(D)	-	(D)	-	-
Value added, adjusted.....do....	17,465	542	4,960	(D)	(D)	11,963	(D)	-	(D)	-	-
Value of shipments.....do....	35,350	1,115	10,591	(D)	(D)	23,644	(D)	-	(D)	-	-
Capital expenditures, new...do....	244	11	79	(D)	(D)	154	(D)	-	(D)	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.
 (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(1,000)	(1,000)	(1,000)	(1,000)	Col. B Col. B+C (percent)	(1,000)	(1,000)	(1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2251	Women's hosiery, except socks.....1963.. 1958 ² .	606,560 (NA)	552,197 (NA)	21,560 (NA)	32,803 (NA)	196 (NA)	588,006 (NA)	552,197 (NA)	35,809 (NA)	194 (NA)
2252	Hosiery, n.e.c.....1963.. 1958 ² .	451,098 (NA)	377,723 (NA)	38,503 (NA)	34,872 (NA)	91 (NA)	395,465 (NA)	377,723 (NA)	17,742 (NA)	96 (NA)
2253	Knit outerwear mills.....1963.. 1958 ³ .	1,045,470 813,577	812,424 610,064	67,568 61,043	165,478 142,470	92 91	840,047 634,834	812,424 610,064	27,623 24,770	97 496
2254	Knit underwear mills.....1963.. 1958 ³ .	364,834 310,817	306,725 257,257	37,505 32,333	20,604 21,227	89 89	336,449 288,482	306,725 257,257	29,724 31,225	91 489
2256	Knit fabric mills.....1963.. 1958..	817,383 487,185	687,454 417,096	37,409 27,176	92,520 42,913	95 94	742,524 462,397	687,454 417,096	55,070 45,301	93 90
2259	Knitting mills, n.e.c.....1963.. 1958 ³ .	40,731 30,092	35,528 24,369	2,640 2,406	2,563 3,317	93 91	39,878 31,367	35,528 24,369	4,350 6,998	89 478

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Ratios are affected by duplication in value of shipments. See introductory text for this industry.

²See text for this industry.

³For 1958, establishments in this industry were requested to report "Value of Shipments" in 1963 and "Value of Production" in 1958. This change does not significantly affect the comparability of the data for the two years (see text).

⁴The 1958 coverage ratio was recomputed to exclude that portion reported by Major Group 23, the cut-and-sew industries (see text).

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Women's hosiery, except socks (SIC 2251)	Hosiery, n.e.c. (SIC 2252)	Other industries
WOMEN'S HOSIERY, EXCEPT SOCKS INDUSTRY					
	Total shipments and receipts of the industry.....	(X)	¹ 606,560	(X)	(X)
	Primary products.....	¹ 588,006	¹ 552,197	¹ 26,778	¹ 9,031
22511	Women's finished full-fashioned stockings.....	56,442	53,318	(D)	² (D)
22513	Women's finished seamless hosiery, full-length and knee-length.....	400,507	374,709	(D)	² (D)
22514	Women's full-fashioned hosiery shipped in the greige.....	20,902	16,455	(D)	(X)
22515	Women's seamless full-length and knee-length hosiery shipped in the greige.....	103,369	101,016	2,353	(X)
22510	Women's full-length and knee-length hosiery, seamless and full-fashioned, n.s.k....	6,786	6,699	(D)	(D)
	Secondary products.....	(X)	³ 21,560	(X)	(X)
	Miscellaneous receipts.....	(X)	32,803	(X)	(X)
	Contract and commission work.....	(X)	19,139	(X)	(X)
	Other miscellaneous receipts, including resales.....	(X)	13,664	(X)	(X)
		All industries	Hosiery, n.e.c. (SIC 2252)	Women's hosiery, except socks (SIC 2251)	Other industries
HOSIERY, N.E.C. INDUSTRY					
	Total shipments and receipts of the industry.....	(X)	451,098	(X)	(X)
	Primary products.....	397,126	377,723	16,952	2,451
22522	Men's finished seamless hosiery, except anklets.....	202,133	191,958	(D)	(D)
22523	All other finished hosiery, including anklets.....	144,411	(D)	(D)	(D)
22524	Seamless hosiery shipped in the greige.....	43,170	(D)	(D)	(X)
22520	Seamless hosiery, n.s.k.....	7,412	7,412	(X)	(X)
	Secondary products.....	(X)	38,503	(X)	(X)
22515	Women's seamless full-length and knee-length hosiery shipped in the greige.....	(X)	2,353	(X)	(X)
	Other secondary products.....	(X)	⁴ 36,150	(X)	(X)
	Miscellaneous receipts.....	(X)	34,872	(X)	(X)
	Contract and commission work.....	(X)	8,230	(X)	(X)
	Other miscellaneous receipts, including resales.....	(X)	26,642	(X)	(X)
		All industries	Knit outerwear mills (SIC 2253)	Other industries	
KNIT OUTERWEAR MILLS					
	Total value of shipments.....	(X)	1,045,470	(X)	
	Primary products.....	840,047	812,424	27,623	
22531	Sweaters, knit jackets, and jerseys.....	483,194	(D)	(D)	
22532	Knit outerwear shirts.....	159,947	141,469	⁵ 18,478	
22533	Other knit outerwear products, n.e.c.....	142,761	138,115	4,646	
22530	Knit outerwear products, n.s.k.....	54,145	(D)	(D)	
	Secondary products.....	(X)	67,568	(X)	
22541	Men's and boys' knit underwear and nightwear.....	(X)	16,231	(X)	
	Other secondary products.....	(X)	⁶ 51,337	(X)	
	Miscellaneous receipts.....	(X)	165,478	(X)	
	Contract and commission receipts.....	(X)	109,511	(X)	
	Resales.....	(X)	52,207	(X)	
	Other miscellaneous receipts.....	(X)	3,760	(X)	

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Knit underwear mills (SIC 2254)	Knit outerwear mills (SIC 2253)	Other industries	
KNIT UNDERWEAR MILLS						
	Total value of shipments.....	(X)	364,834	(X)	(X)	
	Primary products.....	336,449	306,725	26,307	3,417	
22541	Men's and boys' knit underwear and nightwear.....	221,508	204,546	16,231	731	
22542	Women's and children's knit underwear.....	70,784	63,990	(D)	(D)	
22543	Women's and children's knit nightwear.....	43,072	(D)	(D)	(D)	
22540	Knit underwear, n.s.k.....	1,085	(D)	(X)	(D)	
	Secondary products.....	(X)	37,505	(X)	(X)	
22532	Knit outerwear shirts.....	(X)	14,201	(X)	(X)	
	Other secondary products.....	(X)	723,304	(X)	(X)	
	Miscellaneous receipts.....	(X)	20,604	(X)	(X)	
	Contract and commission receipts.....	(X)	2,857	(X)	(X)	
	Other miscellaneous receipts including resales.....	(X)	17,747	(X)	(X)	
		All industries	Knit fabric mills (SIC 2256)	Knit outerwear mills (SIC 2253)	Knit underwear mills (SIC 2254)	Other industries
KNIT FABRIC MILLS						
	Total value of shipments.....	(X)	817,383	(X)	(X)	(X)
	Knit fabrics.....	742,524	687,454	5,057	12,126	37,887
22561	Warp knit fabrics.....	318,705	303,603	(D)	(D)	10,819
22562	Circular knit fabrics.....	417,786	377,887	(D)	(D)	26,999
22560	Knit cloth, n.s.k.....	6,033	6,033	-	-	-
	Secondary products.....	(X)	937,409	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	92,520	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	77,811	(X)	(X)	(X)
	Other miscellaneous receipts, including resales.....	(X)	14,640	(X)	(X)	(X)
		Total		Made in industry		Made outside industry
KNITTING MILLS, N.E.C.						
	Total value of shipments.....	(X)		40,731		(X)
22590	Knit gloves and other knit products, n.e.c.....	39,878		35,528		4,350
	Secondary products.....	(X)		2,640		(X)
	Miscellaneous receipts.....	(X)		2,563		(X)
	Contract and commission receipts.....	(X)		2,403		(X)
	Other miscellaneous receipts, including resales.....	(X)		160		(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Contains some duplication in value of shipments. See introductory text for this industry.

²Includes shipments of over \$2 million by industry 2253, Knit Outerwear Mills, but withheld to avoid disclosing figures for individual companies.

³Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures—22522, Men's finished seamless hosiery, except anklets; 22523, All other finished seamless hosiery; and 22821, Thrown filament yarns, including textured yarns.

⁴Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures—22513, Finished seamless hosiery, full-length and knee-length; 22514, Women's full-fashioned hosiery shipped in the greige; and 22562, Circular knit fabrics.

⁵Includes \$14 million shipped by industry 2254, Knit Underwear Mills. In addition, industry 2256, Knit Fabric Mills, had shipments of \$2 million or more but withheld to avoid disclosing figures for individual companies.

⁶Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 22511, Finished full-fashioned hosiery; 22513, Finished seamless hosiery, full-length and knee-length; 22542, Women's and children's knit underwear; 22543, Women's and children's knit nightwear; 22561, Warp knit fabrics; 22562, Circular knit fabrics; 23214, Men's and boys' woven dress and sport shirts, including uniform; 23374, Women's, misses', and juniors' skirts and jackets; 23393, Women's, misses', and juniors' outerwear, n.e.c.

⁷Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 23211, Underwear made from knit fabric; 22561, Warp knit fabric; and 22562, Circular knit fabric.

⁸Includes \$9,576 thousand of knitted cloth shipped by weaving mills, all fibers.

⁹Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 22217, Silk and man-made fiber fabrics, n.e.c. (gray goods); 22218, Finished man-made fiber and silk broad-woven goods; 22531, Sweaters, knit jackets and jerseys; 22532, Knit outerwear sport shirts; 22542, Women's and children's knit underwear; 22821, Thrown filament yarns, including textured yarns; 22822, Rewound, plied, etc., yarns other than wool; 22831, Wool yarns, except carpet yarns.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	HOSIERY, TOTAL.....		(X)	985,132	(X)	892,721
2251- --	Women's full-length and knee-length hosiery, seamless and full-fashioned, total.....		(X)	588,006	(X)	519,393
22511 --	Finished full-fashioned stockings.....	1,000 doz.prs.	9,960	56,442	(X)	220,574
	All nylon and nylon leg:					
22511 13	Full-length, nonstretch.....	..do.....	8,647	46,765	33,599	187,739
22511 15	Full-length, stretch.....	..do.....	1792	16,167	3,257	20,203
22511 17	Knee-length, stretch and nonstretch.....	..do.....	(1)	(1)	403	2,563
22511 95	All other yarns and mixtures, including full-fashioned stretch tights.....	1,000 doz.prs.	177	1,979	(NA)	10,069
22511 00	Women's and misses' finished full-fashioned hosiery, n.s.k....	..do.....	344	1,531	-	-
22513 --	Finished seamless hosiery, full-length and knee-length.....	..do.....	73,337	400,507	(X)	176,852
22513 11	Women's and misses' finished knee-length socks, all fibers, (including Campus, Bermudas, etc.) (sizes 8-11).....	..do.....	2,363	14,486	(2)	(2)
	Women's and misses' finished seamless stockings.....	..do.....	70,105	379,790	38,316	174,612
	All nylon and nylon leg:					
22513 13	Full-length, nonstretch.....	..do.....	58,893	300,034	22,852	146,785
22513 15	Full-length, stretch.....	..do.....	9,015	62,430	1,776	11,022
22513 17	Knee-length, stretch and nonstretch.....	..do.....	466	2,490	1,186	7,751
22513 31	Cotton or principally cotton.....	..do.....	423	1,555	1,925	6,826
22513 98	All other yarns and mixtures, including seamless stretch tights.....	..do.....	1,692	18,261	² 3,577	² 32,228
22513 00	Women's and misses' finished seamless hosiery, full-length and knee-length, n.s.k.....	..do.....	485	1,251	(NA)	³ 2,240
22514 --	Women's full-fashioned hosiery shipped in the greige.....	..do.....	6,414	20,902	20,872	80,532
	All nylon and nylon leg:					
22514 09	Shipments to other plants of reporting company for further processing.....	..do.....	4,524	15,837	} 20,438	78,869
22514 11	All other shipments.....	..do.....	1,538	3,832		
22514 19	All other yarns and mixtures, including full-fashioned stretch tights.....	..do.....	4352	41,233	434	1,663
22514 00	Women's and misses' full-fashioned hosiery, shipped in the greige, n.s.k.....	..do.....	(4)	(4)	-	-
22515 --	Women's seamless full-length and knee-length hosiery shipped in the greige.....	1,000 doz.prs.	32,397	103,369	(X)	37,201
22515 11	Women's and misses' knee-length socks (including Campus, Bermudas, etc.) (sizes 5-11).....	..do.....	419	1,283	(5)	(5)
	Women's and misses' seamless full-length and knee-length stockings:					
	All nylon and nylon leg:					
22515 19	Shipments to other plants of reporting company for further processing.....	..do.....	20,649	67,765	} 8,442	34,859
22515 21	All other shipments.....	..do.....	9,786	29,133		
22515 23	Cotton or principally cotton.....	..do.....	336	633	} ⁵ 980	⁵ 2,342
22515 29	All other yarns and mixtures, including seamless stretch tights.....	..do.....	331	2,012		
22515 00	Women's and misses' seamless full-length and knee-length hosiery, n.s.k.....	..do.....	876	2,543	-	(6)
22510 00	Women's full-length and knee-length hosiery, seamless and full-fashioned, n.s.k.....	..do.....	(X)	6,786	(X)	(6)
2252- --	Hosiery, except women's full-length and knee-length hosiery.....	..do.....	(X)	397,126	(X)	377,562
22522 --	Men's finished seamless hosiery.....	1,000 doz.prs.	55,531	202,133	(X)	195,701
	Men's half-hose, including bundle goods and knee-length (sizes 10 and up):					
22522 11	Nylon or principally nylon.....	..do.....	2,999	14,145	2,681	11,116
22522 13	Cotton or principally cotton.....	..do.....	11,215	32,095	9,202	26,194
22522 17	Wool or principally wool.....	..do.....	1,320	8,081	753	4,602
22522 19	All other yarns and mixtures.....	..do.....	716	3,115	670	2,075
22522 10	Fiber not specified.....	..do.....	(7)	(7)	⁷ 3,573	⁷ 10,192

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	HOSIERY—Continued					
	Hosiery, except women's full-length and knee-length hosiery—Continued					
	Men's finished seamless hosiery—Continued					
	Men's slack hose (sizes 10 and up):					
22522 27	Nylon or principally nylon.....	1,000 doz.prs.	7,156	30,689	9,422	37,253
22522 31	Cotton or principally cotton.....	..do.....	11,001	33,146	15,365	51,038
22522 37	Acrylic or principally acrylic.....	..do.....	1,690	8,789	2,378	7,402
22522 39	All other yarns and mixtures.....	..do.....	2,032	9,154		
22522 30	Fiber not specified.....	..do.....	(X)	(X)	89,741	827,598
	Men's athletic and crew socks:					
22522 53	Cotton or principally cotton.....	1,000 doz.prs.	10,399	30,463	3,628	15,808
22522 55	Wool or principally wool.....	..do.....	2,745	14,024		
22522 57	Acrylic or principally acrylic.....	..do.....	1,733	9,895		
22522 59	All other yarns and mixtures.....	..do.....	1,246	3,801		
22522 00	Men's finished seamless hosiery, n.s.k.....	..do.....	91,279	4,736	(NA)	2,423
22523 --	All other finished seamless hosiery.....	..do.....	54,474	144,411	(X)	129,079
	Boys' slack socks and knee-length socks (sizes 5-11):					
22523 15	Cotton or principally cotton.....	..do.....	6,579	16,318	9,539	25,370
22523 19	All other yarns and mixtures.....	..do.....	1,635	5,324		
	Boys' athletic and crew socks (sizes 5-11):					
22523 23	Cotton or principally cotton.....	..do.....	7,436	19,356	1024,371	1066,483
22523 29	All other yarns and mixtures.....	..do.....	1,417	4,899		
	Misses' and children's anklets, including singlefold, triple roll, and shoe top (sizes 5-11):					
22523 33	Cotton or principally cotton.....	..do.....	15,010	32,729	1024,371	1066,483
22523 35	Nylon or principally nylon.....	..do.....	2,882	7,859		
22523 39	All other yarns and mixtures.....	..do.....	738	3,958		
	Misses' and children's athletic and crew socks (sizes 5-11):					
22523 43	Cotton or principally cotton.....	..do.....	3,624	10,268	(11)	(11)
22523 49	All other yarns and mixtures.....	..do.....	1,735	7,204		
22523 65	Infants' hosiery, all types (sizes 3-6 1/2).....	..do.....	6,279	14,096	105,314	1012,265
	Slipper socks made in hosiery mills:					
22523 71	Finished, ready for customer sale.....	..do.....	12625	124,879	777	9,741
22523 73	Partially finished, for sale to trade.....	..do.....				
22523 98	All other finished seamless hosiery (including peds, children's knee-length socks, etc.).....	..do.....	4,623	12,365	3,276	10,612
22523 00	Finished seamless hosiery, n.s.k.....	..do.....	91,891	5,156	(X)	4,608
22524 --	Seamless hosiery shipped in the greige.....	..do.....	18,401	43,170	(X)	42,844
	Men's hosiery, all types (sizes 10 and up):					
22524 25	Boys' hosiery, all types (sizes 5-11).....	..do.....	9,899	27,831	15,390	38,610
22524 35	Misses' and children's anklets and socks (sizes 5-11) except misses' knee-length socks.....	..do.....	1,411	2,462		
22524 45	Infants' hosiery, all types (sizes 3-6 1/2).....	..do.....	4,381	8,313		
22524 55	All other seamless hosiery in the greige (including peds, etc.).....	..do.....	736	1,220		
22524 98	Seamless hosiery shipped in the greige, n.s.k.....	..do.....	1,974	3,344	(X)	4,234
22520 00	Hosiery, except women's full-length and knee-length hosiery, n.s.k.....	..do.....	(X)	7,412	(X)	9,938
2253-- --	KNIT OUTERWEAR MADE BY KNITTING MILLS, TOTAL ^{13 14}.....	..do.....	(X)	840,047	(X)	634,834
22531 --	Sweaters, jackets, jerseys, and pullovers.....	..do.....	(X)	483,194	(NA)	426,715
	Men's and boys'.....	1,000 doz.....	3,757	183,087	(NA)	108,678
22531 32	Women's, misses', and juniors'.....	..do.....	5,630	233,902	(NA)	243,003
22531 62	Girls', teen-age girls', children's, and infants', including infants' sacques.....	..do.....	2,183	49,756	(NA)	51,625
22531 98	Other knit products, including babies' shawls, collars, cuffs.....	..do.....	(X)	16,449	(X)	23,409
22531 00	Sweaters, jackets, jerseys, pullovers and sacques, n.s.k.....	..do.....	10,841	159,947	(NA)	116,932
22532 --	Knit outerwear sport shirts.....	1,000 doz.....				
22532 12	Men's and boys'.....	..do.....	7,876	123,631	(NA)	80,202
22532 32	Women's, misses', and juniors'.....	..do.....	793	12,970	(NA)	7,858
22532 42	Girls', teen-age girls', children's, and infants'.....	..do.....	2,027	21,139	(NA)	28,872
22532 00	Knit outerwear sport shirts, n.s.k.....	..do.....	145	2,207	(X)	-

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	KNIT OUTERWEAR MADE BY KNITTING MILLS—Continued					
22533 --	Other knit outerwear products.....		(X)	142,761	(X)	68,689
	Women's, misses', and juniors':					
22533 12	Knit dresses and suits.....	1,000 doz....	586	52,364	277	28,640
22533 19	All other knit outerwear.....		(X)	36,776	(X)	8,689
22533 41	Men's and boys'.....		(X)	14,714	(X)	9,997
22533 61	Girls', teen-age girls', children's, and infants'.....		(X)	29,234	(X)	18,091
22533 00	Other knit outerwear products, n.s.k.....		(X)	9,673	(X)	3,272
22530 00	Knit outerwear products, n.s.k.....		(X)	54,145	(X)	22,498
22539 11	Contract receipts for knitting and/or dyeing knit outerwear products owned by others.....		(X)	¹⁵ 109,511	(X)	¹⁵ 100,099
Product code	Product		Value of shipments including interplant transfers (\$1,000)			
			1963		1958	
2254- --	KNIT UNDERWEAR AND NIGHTWEAR MADE BY KNITTING MILLS, TOTAL ^{13 16}			336,449		288,482
22541 --	Men's and boys' knit underwear and nightwear.....			221,508		173,502
22541 12	Men's and boys' knit underwear.....			213,452		166,452
22541 22	Men's and boys' knit nightwear.....			6,531		7,050
22541 00	Men's and boys' knit underwear and nightwear, n.s.k.....			1,525		-
22542 12	Women's and children's knit underwear.....			70,784		75,459
22543 12	Women's and children's knit nightwear.....			43,072		39,521
22540 00	Knit underwear and nightwear, n.s.k.....			1,085		-
Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2256- --	KNIT FABRICS, TOTAL ¹⁷	1,000 lbs....	449,227	742,524	260,217	462,397
22561 --	Warp knit fabrics (including raschel).....	...do.....	169,622	318,705	98,222	217,055
22561 12	Finished.....	...do.....	125,954	248,700	68,375	158,188
22561 19	Greige goods.....	...do.....	43,668	70,005	29,847	58,867
22562 --	Circular knit fabrics.....	...do.....	275,949	417,786	161,995	245,342
22562 12	Finished.....	...do.....	258,613	397,506	149,566	229,824
22562 19	Greige goods.....	...do.....	17,336	20,280	12,429	15,518
22560 00	Knit fabrics, n.s.k.....	...do.....	¹⁸ 3,656	6,033	(X)	(X)
2259- --	KNIT PRODUCTS, N.E.C., MADE BY KNITTING MILLS, TOTAL ¹³		(X)	39,878	(X)	31,367
22590 10	Knit dress and semidress gloves and mittens, including knit fabric and leather combinations ¹⁸	1,000 doz.prs.	1,015	10,743	(NA)	8,765
22590 71	Knit work gloves and mittens, including knit fabric and leather combinations ¹⁹.....	...do.....	596	3,200	(NA)	1,593
22590 98	Other knit products, n.e.c.....		(X)	22,681	(X)	21,009
22590 00	Other knit products, including commission receipts for making knit gloves and mittens, n.s.k.....		(X)	3,254	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not available. n.s.k. Not specified by kind.

¹For 1963, includes less than 5 percent of knee-length hosiery combined with full-length stretch hosiery in order to avoid disclosing individual company operations.

²For 1958, data for women's and misses' finished seamless knee-length socks (including Campus, Bermudas, etc.) were not collected separately, and are included in "All other yarns and mixtures, including seamless stretch tights," product code 2251398.

³For 1958, seamless stretch tights and leotards were included in "Women's and misses' finished seamless stockings, not specified by kind," product code 2251300.

⁴For 1963, includes women's and misses' full-fashioned hosiery shipped in the greige, not specified by kind, in order to avoid disclosing operations of individual companies.

⁵For 1958, data for women's and misses' seamless knee-length socks (including Campus, Bermudas, etc.) were not collected separately and are included in the figures shown for combined product codes 2251523 and 2251529.

⁶For 1958, women's seamless hosiery, not specified by kind, was included in 1958 product code 2252000 or 2252400.

⁷For 1958, data for men's bundle goods were collected as a separate item, but no fiber detail was collected. For 1963, bundle goods are included with men's half-hose figures, by fiber.

⁸For 1958, men's and boys' anklets were collected as a combined item and without a breakdown by fiber. This information is included with men's finished seamless hosiery, code 2252230.

Footnotes continued on next page.

Footnotes for Table 6A-22B—Continued

⁹Quantity data estimated based on the unit-value relationship reported for other products in the product class.

¹⁰For 1958, "Children's and infants' socks, including ribbed hosiery" were reported as a combined item, which is included in product code 2259398, "All other finished seamless hosiery."

¹¹For 1958, no separate data were collected for misses' and children's athletic and crew socks. These are included in product codes 2251195, 2251398, and 2252298.

¹²For 1963, includes less than 5 percent of partially finished for sale to the trade in order to avoid disclosing individual company data.

¹³Establishments in this industry were requested to report "Value of shipments" in 1963 and "Value of production" in 1958. This change does not significantly affect the comparability of the data for the two years (see text).

¹⁴The data included in this table are only for products made by knitting mills. The 1963 and 1958 quantity and value data for each of the products, including output of the cut-and-sew establishments, are shown in the following industries:

Sweaters, jackets, and jerseys:

Men's and boys' - industry 2329

Women's, misses', and juniors' - industry 2339

Girls', children's, and infants' - industry 2369

Knit outerwear sport shirts:

Men's and boys' - industry 2321

Women's, misses', and juniors' - industry 2331

Girls', children's, and infants' - industry 2361

Other knit outerwear:

Men's and boys' - industry 2329

Women's, misses', and juniors' - industry 2339

Girls', children's, and infants' - industry 2369

Quantity estimated based on the unit value relationship reported for other products in the product class.

¹⁵Contract receipts are not included in the total shown for knit outerwear made by knitting mills. For 1963, contract receipts include all receipts for work on knit outerwear done for others on their materials regardless of the industry classification of the establishment. For 1958, contract receipts include all receipts for contract work done for others on their materials by establishments classified in industry 2253, Knit Outerwear Mills.

¹⁶The data included in this table are only for products made by knitting mills. The 1963 and 1958 quantity and value data for each of the products, including output of the cut-and-sew establishments are shown in the following industries:

Men's and boys' nightwear - industry 2321

Men's and boys' underwear - industry 2322

Women's and children's underwear and nightwear - industry 2341

¹⁷For 1963 and 1958, only summary figures were collected for the quantity and value of total knit cloth shipments, including interplant transfers. Detailed shipments of knit cloth for sale during 1963 and 1958 were collected on Census Annual Form MA-22K, "Knit Cloth For Sale," and are shown in table 6E. However, the data in table 6E are not directly comparable to the summary data in table 6A due to the inclusion of interplant transfers in table 6A.

¹⁸Quantity estimated using the average unit value reported by other knit cloth producing companies reporting both quantity and value of shipments.

¹⁹Includes only knit gloves and mittens made in knitting mills. The total shipment of these products, including the output by cut-and-sew shops from purchased fabric, are shown in the report for industry 2381, "Fabric Dress and Work Gloves."

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
225	Knitting mill products.....1963..	(1)	(1)	2254	Knitting mill products—Continued		
	1958..	(1)	(1)				
2251	} Hosiery ².....1963..	140	85		Knit underwear and nightwear	163	94
2252		115	91		made by knitting mills.....1963..	118	105
	1958..						
2251	Women's full-length and knee-length hosiery, seamless and full-fashioned:			22541	Men's and boys' knit underwear and nightwear.....1963..	160	121
						120	113
22511	Finished full-fashioned hosiery....1963..	21	80	22542	Women's and children's knit underwear.....1963..	169	61
	1958..	80	80			116	96
22513	Finished seamless hosiery, full-length and knee-length.....1963..	753	78	22543	Women's and children's knit nightwear.....1963..	186	71
	1958..	274	99			125	97
2252	Hosiery, except women's full-length and knee-length hosiery:			2256	Knit fabrics.....1963..	225	91
22522	Men's finished seamless hosiery....1963..	114	101			136	97
	1958..	87	99	22561	Warp knit fabrics (including raschel.....1963..	253	70
22523	All other finished seamless hosiery.....1963..	103	113			145	85
	1958..	104	110	22562	Circular knit fabrics.....1963..	216	113
						135	108

¹Not shown, subject to further review of the data for industry 2253, Knit Outerwear Mills.

²Adjusted to include full-fashioned and seamless hosiery shipped in the greige (product classes 22514, 22515 and 22524) not shown separately below, also minor amounts of hosiery not specified by kind.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2253-	Knit outerwear made by knitting mills, total ²	840,047	746,135	660,721	682,793	699,032	634,834	(NA)	(NA)
22531	Sweaters, jackets, jerseys, and pullovers..	483,194	490,384	427,366	457,987	468,943	426,715	308,156	184,983
22532	Knit outerwear sport shirts.....	159,947	146,107	130,198	114,177	121,783	116,932	166,657	83,365
22533	Other knit outerwear products.....	142,761	88,809	84,939	84,760	76,593	68,689	(NA)	(NA)
22530	Knit outerwear products, n.s.k.....	54,145	20,835	18,218	(S)	(S)	22,498	(NA)	(NA)
2254-	Knit underwear and nightwear made by knitting mills, total ²	336,449	338,010	318,277	292,517	322,181	288,482	(NA)	(NA)
22541	Men's and boys' knit underwear and nightwear.....	221,508	216,561	209,023	184,702	204,938	173,502	(NA)	(NA)
22542	Women's and children's knit underwear.....	70,784	82,298	69,592	69,656	78,368	75,459	(NA)	(NA)
22543	Women's and children's knit nightwear.....	43,072	39,151	39,662	38,159	38,875	39,521	(NA)	(NA)
22540	Knit underwear and nightwear, n.s.k.....	1,085	-	-	-	-	-	(NA)	(NA)
2256-	Knit fabrics, total.....	742,524	641,951	615,631	531,997	510,901	462,397	-	-
22561	Warp knit fabrics (including raschel).....	318,705	277,379	261,551	236,911	238,327	217,055	175,334	70,557
22562	Circular knit fabrics.....	417,786	364,572	354,080	295,086	272,574	245,342	167,816	125,837
22560	Knit cloth, n.s.k.....	6,033	-	-	-	-	-	-	-
2259-	Knit products, n.e.c., made by knitting mills, total ²	39,878	39,079	38,559	37,015	38,480	31,367	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Establishments in this industry were requested to report "Value of Shipments" in 1963 and "Value of Production" in 1958. This change does not significantly affect the comparability of the data for the two years (see text).

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
FINISHED FULL FASHIONED HOSIERY (22511)	1963¹	MEN'S FINISHED SEAMLESS HOSIERY (22522)—Con.	1963¹	MEN'S AND BOYS' KNIT UNDERWEAR (MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT) (22541)	1963¹
United States, total.....	56,442	East South Central.....	24,294	United States, total...	221,508
New England.....	2,637	Tennessee.....	13,939	Northeast.....	78,262
Middle Atlantic.....	10,544	Alabama.....	5,210	New York.....	12,138
Pennsylvania.....	10,082	All other divisions.....	9,708	Pennsylvania.....	65,601
South Atlantic.....	31,873	ALL OTHER FINISHED SEAMLESS HOSIERY (22523)		North Central.....	26,217
North Carolina.....	27,408	United States, total....	144,411	South and West.....	117,029
East South Central.....	9,200	New England.....	3,723	Virginia.....	3,288
Tennessee.....	7,860	New Hampshire.....	2,817	North Carolina.....	35,475
All other divisions.....	2,188	Middle Atlantic.....	7,197	Georgia.....	8,890
FINISHED SEAMLESS HOSIERY, FULL-LENGTH AND KNEE-LENGTH (22513)		Pennsylvania.....	5,161	WOMEN'S AND CHILDREN'S KNIT UNDERWEAR (MADE FROM YARNS OR FABRICS KNIT IN SAME ESTABLISHMENT) (22542)	
United States, total.....	400,507	East North Central.....	6,100	United States, total...	70,784
New England.....	11,677	Wisconsin.....	5,803	New England.....	2,284
New Hampshire.....	10,523	South Atlantic.....	89,348	Middle Atlantic.....	41,005
Middle Atlantic.....	35,114	North Carolina.....	70,158	Pennsylvania.....	32,458
New York.....	5,992	Georgia.....	12,899	South.....	25,072
Pennsylvania.....	28,130	East South Central.....	38,043	Georgia.....	10,142
South Atlantic.....	261,344	Tennessee.....	30,823	All other divisions.....	2,423
Virginia.....	6,282	Alabama.....	4,478	WARP KNIT FABRICS (22561)	1963¹ 1958
North Carolina.....	242,552	SWEATERS, KNIT JACKETS AND JERSEYS (MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT) (22531)		United States, total...	318,705 217,055
South Carolina.....	9,661	United States, total....	483,194	New England.....	15,004 10,879
Georgia.....	2,471	New England.....	56,212	Rhode Island.....	11,082 (2)
East South Central.....	76,501	New Hampshire.....	13,670	Middle Atlantic.....	150,985 113,869
Tennessee.....	68,331	Massachusetts.....	37,689	New York.....	43,550 50,605
All other divisions.....	15,871	Middle Atlantic.....	346,167	New Jersey.....	29,018 17,346
WOMEN'S SEAMLESS FULL-LENGTH AND KNEE-LENGTH HOSIERY SHIPPED IN THE GREIGE (22515)		New York.....	225,585	Pennsylvania.....	78,417 45,918
United States, total.....	103,369	New Jersey.....	21,916	South Atlantic.....	142,684 80,215
Northeast.....	9,732	Pennsylvania.....	98,666	Virginia.....	14,105 14,938
Pennsylvania.....	7,913	North Central.....	29,563	North Carolina.....	104,612 48,678
South Atlantic.....	64,163	Ohio.....	20,135	East South Central.....	5,306 9,937
North Carolina.....	50,268	Wisconsin.....	2,079	All other divisions.....	4,726 (2)
South Carolina.....	6,485	South.....	33,594	CIRCULAR KNIT FABRIC (22562)	
Georgia.....	5,130	North Carolina.....	14,028	United States, total...	417,786 245,342
East South Central.....	22,638	Florida.....	5,490	New England.....	74,265 66,162
All other divisions.....	6,836	West.....	17,658	Massachusetts.....	58,651 41,540
MEN'S FINISHED SEAMLESS HOSIERY (22522)		Oregon.....	8,680	Rhode Island.....	13,801 (2)
United States, total.....	202,133	California.....	7,585	Connecticut.....	1,813 (2)
New England.....	3,877	KNIT OUTERWEAR SPORT SHIRTS (MADE FROM YARNS OR FABRICS KNIT IN THE SAME ESTABLISHMENT) (22532)		Middle Atlantic.....	182,444 101,379
New Hampshire.....	1,397	United States, total....	159,947	New York.....	119,649 65,852
Middle Atlantic.....	24,843	New England.....	5,339	New Jersey.....	30,707 (2)
South Atlantic.....	139,411	Middle Atlantic.....	67,297	Pennsylvania.....	32,088 (2)
Virginia.....	2,722	New York.....	26,889	East North Central.....	16,543 17,018
North Carolina.....	119,383	New Jersey.....	11,418	Wisconsin.....	11,266 15,626
Georgia.....	7,981	Pennsylvania.....	28,990	South Atlantic.....	100,480 30,925
		North Central.....	6,102	North Carolina.....	77,478 16,733
		Ohio.....	1,236	South Carolina.....	12,367 (2)
		South and West.....	81,209	East South Central.....	38,538 27,388
		Virginia.....	42,912	All other divisions.....	5,516 (2)
		North Carolina.....	13,907		
		Georgia.....	3,386		

¹For the specified product classes, shipments of \$1 million or more were reported for 1963 for the States listed, but exact figures are withheld to avoid disclosure of individual company figures: 22511, New Hampshire, Virginia, South Carolina, Kentucky, and California; 22513, Indiana, Illinois, Wisconsin, Kentucky, Oklahoma, and California; 22515, Missouri, Tennessee, Alabama, Mississippi, and Arkansas; 22522, Massachusetts, New York, Pennsylvania, Illinois, Wisconsin, Delaware, West Virginia, South Carolina, Kentucky, and Mississippi; 22531, Maine, Connecticut, Illinois, Michigan, Minnesota, Virginia, West Virginia, South Carolina, Georgia, and Washington; 22532, Massachusetts, Rhode Island, Wisconsin, Minnesota, South Carolina, Tennessee, Alabama, and Mississippi; 22541, Ohio, Wisconsin, Minnesota, South Carolina, Kentucky, Tennessee, Alabama, Mississippi, and Utah; 22542, Massachusetts, New York, New Jersey, North Carolina, Tennessee, Mississippi, and Utah; 22561, Connecticut, South Carolina, Georgia, Tennessee, and California; 22562, Ohio, Indiana, Minnesota, Maryland, Virginia, Georgia, Tennessee, Alabama, and California.

²Production or shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 6E. Total Shipments of Knit Cloth for Sale: 1963 and 1958

Product code	Product	Shipments of knit cloth for sale (1,000 pounds)	
		1963 ¹	1958 ²
	Finished knit cloth, total.....	345,607	210,635
	Warp knit finished fabrics, including raschel, total.....	119,495	63,617
	Underwear and nightwear fabrics, total.....	82,080	46,305
111	Chiefly nylon.....	30,507	23,659
112	Chiefly rayon.....	596	20,864
113	Chiefly acetate.....	47,501	
119	Other yarns.....	3,476	1,782
	Corset fabrics, total.....	11,796	5,094
125	Raschel fabrics.....	311,796	5,094
129	Other than raschel fabrics.....		
	Outerwear fabrics, except glove, total.....	13,874	3,222
131	Chiefly nylon.....	2,023	1,158
132	Chiefly rayon.....	404	955
139	Other yarns.....	11,447	1,109
	Glove fabric, total.....	2,607	1,901
148	Chiefly cotton.....	888	730
149	Other yarns.....	1,719	1,171
158	Toweling, washcloth, and dishcloth fabrics.....	186	217
165	Netting, including raschel knit shoe netting.....	2,679	2,302
168	Knit laces.....	3,854	2,106
179	Other finished warp knit fabrics.....	2,419	2,470
	Circular knit finished fabrics, total.....	226,112	147,018
	Underwear and nightwear fabrics, total.....	23,419	21,769
211	Chiefly cotton.....	17,635	10,786
212	Chiefly rayon.....	35,784	10,266
219	Other fibers and mixtures.....		717
	Outerwear fabrics, except glove, total.....	129,071	78,831
	Overcoating, topcoating, ski, and snowsuit fabrics, total.....	31,107	16,176
251	High pile.....	23,939	16,176
	Other, including fleeces, total.....	7,168	
255	Chiefly wool.....	644	
256	Chiefly man-made fibers.....	36,524	
259	Other fibers and mixtures.....		
	Dress and suiting fabrics, total.....	41,572	19,407
263	All wool or chiefly wool.....	13,307	5,414
261	All cotton.....	12,687	
262	Chiefly cotton.....	883	13,993
264	All acrylic.....	35,880	
265	Chiefly acrylic.....		
269	Other fibers and mixtures.....	8,815	
	Knit shirt fabrics, total.....	50,130	36,549
281	All cotton.....	36,220	34,768
272	Chiefly cotton.....	6,201	
283	All wool and chiefly wool.....	35,638	
284	All acrylic.....		
285	Chiefly acrylic.....	2,071	
289	Other fibers and mixtures.....		
280	All other outerwear fabrics, except glove.....	6,262	6,699
	Glove and mitten fabrics, total.....	13,871	11,024
221	Work glove jersey-cotton (including balbriggan).....	6,410	4,949
222	Work glove ribbed tubing-cotton.....	37,461	3,995
229	All other glove and mitten fabrics.....		2,080

See footnotes at end of table.

TABLE 6E. Total Shipments of Knit Cloth for Sale: 1963 and 1958—Continued

Product code	Product	Shipments of knit cloth for sale (1,000 pounds)	
		1963 ¹	1958 ²
	Circular knit finished fabrics—Continued		
	Other circular knit fabrics (except floor covering fabrics), total	59,751	35,394
292	Meat bagging and other stockinette fabrics.....	8,121	7,866
293	Elastic girdle blanks and elastic fabrics.....	7,681	6,121
294	Footwear lining.....	5,410	3,657
295	Toweling, washcloth, and dishcloth fabrics.....	315	431
299	All other circular knit fabrics.....	38,224	17,319
	Knit cloth in the greige, total.....	55,271	31,817
	Warp knit greige goods, total.....	45,181	21,937
191	Chiefly nylon.....	15,950	21,937
192	Chiefly rayon.....	340	
193	Chiefly acetate.....	22,288	
199	Other yarns.....	6,603	
200	Circular knit greige goods.....	10,090	9,880

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Detail collected in 1963 on Census Annual Form MA-22K, "Knit Cloth for Sale."

²Detail collected in 1958 on Census Annual Form MA-22K, "Knit Cloth for Sale." Revisions to the 1958 data are as published in 1959.

³Combined to avoid disclosing figures for individual companies.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963			
		Quantity (1,000 dozen)	Delivered cost (\$1,000)	Quantity (1,000 dozen)	Delivered cost (\$1,000)
		INDUSTRY 2251.—WOMEN'S HOSIERY, EXCEPT SOCKS		INDUSTRY 2252.—HOSIERY N.E.C.	
	Material, containers, and supplies, total.....	(X)	279,752	(X)	226,236
228102	Cotton yarns.....	7,703	6,783	82,289	68,050
228141	Nylon spun yarns.....	805	2,079	3,156	7,150
282411	Nylon filament yarns.....	36,947	106,078	13,498	30,034
228145	Acrylic yarns.....	1,402	1,827	7,893	13,358
228011	All other yarns.....	580	1,280	9,592	16,467
225011	Hosiery in the greige.....	(X)	110,424	(X)	37,783
970099	All other materials, containers and supplies.....	(X)	40,097	(X)	37,264
976000	Materials and supplies, n.s.k.....	(X)	111,184	(X)	116,130
		1963		1958	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
		INDUSTRY 2253.—KNIT OUTERWEAR MILLS			
	Material, containers, and supplies, total.....	(X)	440,992	(X)	342,959
225601	Knitted fabrics, purchased (cotton, wool, man-made fibers, etc.).....	3,160	3,362	(X)	(²)
228110	Carded cotton yarns.....	38,678	24,644	32,523	22,188
228120	Combed cotton yarns.....	37,025	32,253	30,864	28,938
228130	Rayon and acetate spun yarns.....	172	250	(X)	(³)
228141	Nylon spun yarns.....	7,338	14,478	(X)	(⁴)
228145	Acrylic yarns.....	39,362	78,172	30,886	66,220
228301	Wool yarns.....	36,553	88,914	23,175	55,340
228013	All other yarns.....	9,247	19,369	12,099	28,061
282014	Man-made fibers, staple and tow.....	7,408	14,814	(X)	(²)
282301	Rayon and acetate filament yarns.....	587	546	³ 2,250	³ 2,837
282411	Nylon filament yarns.....	6,587	15,623	⁴ 11,906	⁴ 31,326
970099	All other materials, containers, and supplies.....	(X)	73,434	(X)	² 76,015
976000	Materials, containers, and supplies, n.s.k.....	(X)	175,133	(X)	32,034
		INDUSTRY 2254.—KNIT UNDERWEAR MILLS			
	Material, containers, and supplies, total.....	(X)	163,589	(X)	138,724
225601	Knitted fabrics, purchased (cotton, wool, man-made fibers, etc.).....	16,498	8,341	(X)	(²)
228110	Carded cotton yarns.....	55,671	36,971	37,073	23,626
228120	Combed cotton yarns.....	59,944	49,433	60,692	48,686
228130	Rayon and acetate spun yarns.....	(⁵)	(⁵)	(X)	(⁵)
228141	Nylon spun yarns.....	(⁶)	(⁶)	(X)	(⁶)
228145	Acrylic yarns.....	638	1,253	133	296
228301	Wool yarns.....	210	356	1,373	1,403
228013	All other yarns.....	2,120	2,753	3,503	4,301
282014	Man-made fibers, staple and tow.....	(D)	(⁷)	(X)	(²)
282301	Rayon and acetate filament yarns.....	⁵ 4,408	⁵ 4,116	⁵ 3,439	⁵ 3,498
282411	Nylon filament yarns.....	⁶ 2,948	⁶ 6,903	⁶ 3,335	⁶ 8,507
970099	All other materials, including staple, fabrics purchased already knit, parts, containers, and supplies.....	(X)	⁷ 39,057	(X)	² 46,730
976000	Materials, containers, and supplies, n.s.k.....	(X)	¹ 14,406	(X)	1,677
		INDUSTRY 2256.—KNIT FABRIC MILLS			
	Materials, containers, and supplies, total.....	(X)	507,473	(X)	313,835
225601	Knitted fabrics, purchased (cotton, wool, man-made fibers, etc.).....	26,176	25,346	(X)	(³)
228110	Carded cotton yarns.....	85,493	55,173	29,557	22,899
228120	Combed cotton yarns.....	72,438	61,591	44,781	41,518
228130	Rayon and acetate spun yarns.....	8,743	8,511	(X)	(³)
228141	Nylon spun yarns.....	6,915	12,076	(X)	(⁴)
228145	Acrylic yarns.....	19,613	25,597	4,610	9,043
228301	Wool yarns.....	13,097	27,663	5,446	10,623
228013	All other yarns.....	36,079	47,659	9,919	18,184
282014	Man-made fibers, staple and tow.....	10,188	10,882	(X)	(²)
282301	Rayon and acetate filament yarns.....	84,101	61,109	³ 52,139	³ 39,344
282411	Nylon filament yarns.....	56,137	110,909	⁴ 44,685	⁴ 90,960
970099	All other materials, containers, and supplies.....	(X)	47,145	(X)	² 69,710
976000	Materials, containers, and supplies, n.s.k.....	(X)	¹ 13,812	(X)	11,554

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	1963		1958	
		Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 pounds)	(\$1,000)	(1,000 pounds)	(\$1,000)
		INDUSTRY 2259.—KNITTING MILLS, N.E.C.			
	Material, containers, and supplies, total.....	(X)	18,369	(X)	13,986
225601	Knitted fabrics, purchased (cotton, wool, man-made fibers, etc.).....	1,112	534	(X)	(²)
228110	Carded cotton yarns.....	7,794	4,271	4,272	3,099
228120	Combed cotton yarns.....	2,891	2,470	459	464
228130	Rayon and acetate spun yarns.....	(⁷)	(⁷)	(X)	(⁷)
228141	Nylon spun yarns.....	(⁸)	(⁸)	(X)	(⁸)
228145	Acrylic yarns.....	792	1,388	293	784
228301	Wool yarns.....	289	571	749	1,522
228013	All other yarns.....	786	927	74	123
282014	Man-made fibers, staple and tow.....	255	510	(X)	(¹)
282301	Rayon and acetate filament yarns.....	⁷ 1,197	⁷ 1,042	⁷ 3,450	⁷ 2,519
282411	Nylon filament yarns.....	⁸ 187	⁸ 370	⁸ 106	⁸ 266
970099	All other materials, containers, and supplies.....	(X)	2,394	(X)	23,536
976000	Materials, containers, and supplies, n.s.k.....	(X)	13,892	(X)	1,673

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

²For 1958 separate data were not collected, but were included with all other materials.

³For 1958 data for spun yarns were not collected separately from filament yarns, and are included with rayon and acetate filament yarns.

⁴For 1958 data for spun yarns were not collected separately from filament yarns, and are included with nylon filament yarns.

⁵For 1963 included with rayon and acetate filament yarns to avoid disclosing operations of individual companies. For 1958 data for spun yarns were not collected separately from filament yarns, and are included with rayon and acetate filament yarns.

⁶For 1963 included with nylon filament yarns to avoid disclosing operations of individual companies. For 1958 data for yarns were not collected separately from filament yarns, and are included with nylon filament yarns.

⁷For 1963 included with rayon and acetate filament yarns to avoid disclosing operations of individual companies. For 1958 data for spun yarns were not collected separately from filament yarns, and are included with rayon and acetate filament yarns.

⁸For 1963 included with nylon filament yarns to avoid disclosing operations of individual companies. For 1958 data for spun yarns were not collected separately from filament yarns, and are included with nylon filament yarns.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Women's hosiery, except socks (SIC 2251)	Hosiery, n.e.c. (SIC 2252)	Knit outerwear mills (SIC 2253)	Knit underwear mills (SIC 2254)	Knit fabric mills (SIC 2256)	Knitting mills, n.e.c. (SIC 2259)
Total cost of purchased fuels and electric energy.....\$1,000..	2,374	8,889	6,565	2,562	7,395	539
Total cost of purchased fuels.....do....	914	4,215	2,804	1,265	3,861	328
Bituminous coal, lignite, and anthracite:						
Quantity.....1,000 short tons..	12	120	11	45	49	(S)
Cost.....\$1,000..	92	933	112	395	451	(S)
Coke and breeze:						
Quantity.....1,000 short tons..	-	(S)	-	-	-	-
Cost.....\$1,000..	-	(S)	-	-	-	-
Fuel oil (distillate and residual):						
Quantity.....1,000 barrels of 42 gallons..	(S)	397	257	92	630	33
Cost.....\$1,000..	(S)	1,532	965	334	1,910	118
Gas (natural, manufactured, still, blast furnace, and coke oven):						
Quantity.....million cu.ft..	521	2,333	2,459	1,044	866	93
Cost.....\$1,000..	235	1,147	743	451	558	63
Other fuels.....do....	102	598	984	85	942	106
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	95	389	211	99	266	8
Cost.....\$1,000..	1,460	4,674	3,761	1,297	3,534	211
Generated less sold.....million kw.-hrs..	(S)	(S)	(S)	-	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	31	118	92	42	89	-
Prime movers, total.....do....	1	4	1	1	4	-
Driving generators.....do....	1	2	(Z)	(Z)	3	-
Not driving generators.....do....	(Z)	2	1	1	1	-
Electric motors, total.....do....	31	114	90	41	85	-
Driven by purchased energy.....do....	30	113	90	41	85	-
Driven by energy generated at establishment.....do....	(Z)	(Z)	(Z)	-	(Z)	-
Aggregate horsepower per 100 production workers.....	222	148	155	175	507	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2251-11	WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY, SEAMLESS AND FULL-FASHIONED-MANUFACTURERS										
	Entire subindustry.....	355	46,576	154,923	42,722	79,737	131,817	273,170	274,233	545,460	14,809
	Establishments with—										
	90% or more specialization..	333	41,029	137,010	37,647	70,088	116,977	241,293	239,151	480,469	13,429
	75-89% specialization.....	5	1,509	4,954	1,353	2,496	3,895	8,318	7,792	15,701	85
22511-11	Finished full-fashioned stockings (primary product class of estab.)	36	711	2,236	629	1,130	1,902	2,871	3,099	6,155	48
	Establishments with—										
	90% or more specialization....	28	420	1,323	369	659	1,123	1,708	1,797	3,699	38
22513-11	Finished seamless hosiery, full-length and knee-length (primary product class of estab.).....	136	34,923	116,533	31,834	58,898	97,533	206,220	216,140	420,035	10,092
	Establishments with—										
	90% or more specialization....	70	14,482	48,739	13,620	24,349	42,718	93,614	69,704	159,253	6,087
	75-89% specialization.....	31	8,724	27,913	7,920	15,031	23,797	54,415	73,622	131,809	1,598
22514-11	Women's full-fashioned hosiery shipped in the greige (primary product class of estab.).....	18	1,273	4,485	1,131	2,108	3,675	7,715	8,022	15,249	195
22515-11	Women's seamless full-length and knee-length hosiery shipped in the greige (primary product class of estab.).....	100	8,907	29,458	8,453	16,323	26,774	52,555	43,049	96,227	4,335
	Establishments with—										
	90% or more specialization....	82	7,803	25,820	7,433	14,372	23,647	47,028	37,549	85,051	3,921
	75-89% specialization.....	8	449	1,398	422	838	1,255	2,112	1,918	4,102	47
2251-22	WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY, SEAMLESS AND FULL-FASHIONED-CONVERTERS										
	Entire subindustry.....	22	1,261	5,263	946	1,897	3,131	8,998	32,646	40,540	830
2252-11	HOSIERY, EXCEPT WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY-MANUFACTURERS										
	Entire subindustry.....	499	41,880	120,159	38,814	69,173	101,441	184,835	252,119	438,590	6,026
	Establishments with—										
	90% or more specialization..	440	34,682	94,699	31,088	55,270	80,323	143,474	183,573	329,273	4,944
	75-89% specialization.....	25	3,205	8,991	2,970	5,191	7,552	14,235	17,193	31,489	454
22522-11	Hosiery, except women's full-length and knee-length hosiery (primary product class of estab.)	194	20,033	58,769	18,589	33,200	49,741	93,279	124,373	217,993	3,029
	Establishments with—										
	90% or more specialization....	130	10,631	30,390	9,812	17,376	25,447	45,573	69,363	115,459	1,565
	75-89% specialization.....	23	4,944	15,759	4,605	8,551	13,446	25,958	30,693	56,421	810
22523-11	All other finished seamless hosiery (primary product class of estab.).....	143	16,893	47,897	15,631	27,785	39,888	78,115	106,387	184,062	1,925
	Establishments with—										
	90% or more specialization....	86	7,653	21,108	7,091	12,321	17,368	29,262	27,476	57,803	738
	75-89% specialization.....	21	3,840	11,057	3,577	6,653	9,503	16,753	20,385	36,696	529
22524-11	Seamless hosiery shipped in the greige (primary product class of estab.).....	84	3,934	11,166	3,664	6,500	9,789	17,343	26,268	43,533	841
	Establishments with—										
	90% or more specialization....	67	2,844	7,530	2,656	4,581	6,673	11,473	16,589	27,963	640
2252-22	HOSIERY, EXCEPT WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY-CONVERTERS										
	Entire subindustry.....	9	342	888	306	496	674	1,567	5,124	6,596	83

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2253-11	KNIT OUTERWEAR MILLS-MANUFACTURERS										
	Entire subindustry.....	684	49,572	185,212	44,317	83,935	146,836	309,790	362,292	668,665	12,146
	Establishments with—										
	90% or more specialization..	623	35,972	135,712	32,123	60,945	109,559	233,947	264,659	494,292	10,013
	75-89% specialization.....	13	5,336	20,098	4,588	8,393	13,997	31,396	45,731	77,294	1,070
22531-11	Sweaters, knit jackets; and jerseys-manufacturers (primary product class of estab.).....	318	24,058	96,074	21,038	39,865	73,292	164,533	210,828	372,099	5,946
	Establishments with—										
	90% or more specialization....	268	14,540	56,911	13,105	24,837	46,428	96,827	117,992	212,899	3,733
	75-89% specialization.....	13	2,369	9,871	1,950	3,419	5,958	14,864	17,837	31,787	556
22532-11	Knit outerwear shirts-manufacturers (primary product class of estab.).....	55	12,966	42,046	12,078	22,854	35,303	64,843	82,063	146,136	2,888
	Establishments with—										
	90% or more specialization....	35	5,079	16,441	4,769	8,964	14,287	25,391	29,373	54,393	1,711
	75-89% specialization.....	4	1,727	5,847	1,595	3,031	4,584	9,970	14,818	24,746	215
22533-11	All other knit outerwear products-manufacturers (primary product class of estab.).....	77	6,558	27,019	5,800	11,111	21,248	42,846	42,002	84,863	1,526
	Establishments with—										
	90% or more specialization....	55	2,508	10,357	2,193	4,062	8,407	15,955	14,624	30,482	585
	75-89% specialization.....	9	1,747	7,188	1,581	3,080	5,604	11,531	11,437	22,981	193
2253-22	KNIT OUTERWEAR MILLS-CONVERTERS										
	Entire subindustry.....	146	4,256	24,661	2,523	4,540	8,943	71,139	207,673	276,596	1,454
	Establishments with—										
	90% or more specialization..	139	3,289	19,303	1,777	3,146	6,451	57,470	174,854	230,632	825
22531-22	Sweaters, knit jackets, and jerseys-converters (primary product class of estab.).....	105	3,112	19,971	1,857	3,598	7,258	51,052	164,726	214,158	1,101
	Establishments with--										
	90% or more specialization....	87	1,688	11,468	1,000	1,924	4,111	27,823	97,975	124,335	443
	75-89% specialization.....	9	338	1,626	169	313	612	4,491	17,372	21,922	31
22533-22	All other knit outerwear products-converters (primary product class of estab.).....	23	687	2,749	328	298	661	14,619	25,893	40,209	47
2254-11	KNIT UNDERWEAR AND NIGHTWEAR MADE BY KNITTING MILLS, MANUFACTURERS										
	Entire subindustry.....	104	27,221	91,493	24,573	46,117	72,733	161,072	169,265	324,403	4,642
	Establishments with--										
	90% or more specialization..	71	14,648	47,916	13,535	25,190	39,420	85,068	92,618	175,370	1,934
	75-89% specialization.....	17	8,911	29,847	7,956	14,930	23,013	55,304	49,496	101,002	2,037
22541-11	Men's and boys' knit underwear and nightwear (primary product class of estab.).....	61	18,221	62,339	16,396	30,740	48,755	114,147	112,487	222,334	3,462
	Establishments with—										
	90% or more specialization....	29	6,081	18,809	5,766	10,631	15,691	37,731	40,443	77,707	856
	75-89% specialization.....	11	4,433	17,257	3,761	6,933	11,739	38,159	33,669	70,794	752
22542-11	Women's and children's knit underwear (primary product class of estab.).....	27	5,390	17,444	4,882	9,289	14,237	25,668	32,641	57,114	647
	Establishments with--										
	90% or more specialization....	11	1,311	4,959	1,185	2,247	3,762	7,679	9,792	17,229	72
	75-89% specialization.....	5	1,319	3,822	1,237	2,257	3,323	5,475	6,445	11,468	180
22543-11	Women's and children's knit nightwear (primary product class of estab.).....	8	3,270	10,836	2,988	5,597	9,044	19,754	22,254	41,641	468
2254-22	KNIT UNDERWEAR AND NIGHTWEAR MADE BY KNITTING MILLS, CONVERTERS										
	Entire subindustry.....	6	899	3,424	780	1,553	2,507	7,877	30,849	38,385	41
2256-11	KNIT FABRIC MILLS-MANUFACTURERS										
	Entire subindustry.....	284	18,497	86,347	15,832	34,223	64,941	189,771	484,579	669,186	14,881
	Establishments with--										
	90% or more specialization..	265	14,944	70,795	12,791	27,922	52,818	162,401	404,535	560,340	13,051
	75-89% specialization.....	5	1,232	5,813	1,015	2,280	4,439	8,698	46,804	56,760	563

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2256-11	KNIT FABRIC MILLS—MANUFACTURERS—Continued										
22561-11	Warp knit fabrics-manufacturers (primary product class of estab.)	113	7,990	38,253	6,842	15,212	29,324	86,937	241,209	324,902	5,518
	Establishments with—										
	90% or more specialization....	101	5,750	28,592	4,850	10,835	21,306	69,491	180,095	245,056	4,513
22562-11	Circular knit fabrics-manufacturers (primary product class of estab.).....	133	10,301	47,206	8,808	18,660	34,903	101,297	239,699	339,037	9,293
	Establishments with—										
	90% or more specialization....	115	9,348	34,505	6,291	13,682	25,533	77,742	200,019	267,921	7,360
	75-89% specialization.....	5	1,189	5,718	1,013	2,172	4,094	11,271	16,104	27,420	1,168
2256-22	KNIT FABRIC MILLS-CONVERTERS										
	Entire subindustry.....	29	490	3,140	264	466	938	11,727	64,475	76,824	260
2256-22	Circular knit fabrics-converters (primary product class of estab.)	20	438	2,657	250	432	841	10,866	58,948	70,431	215

DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2261—Finishers of Broad Woven Fabrics of Cotton

2262—Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk

2269—Dyeing and Finishing Textiles, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

Textile fabric production processes may be grouped broadly into three stages: fiber preparation, yarn spinning and yarn dyeing; weaving, knitting, or braiding of yarns into gray or unfinished fabric; and bleaching, dyeing, or printing of gray fabric to produce finished goods ready for cutting. A textile "establishment," as the term is used in this report, comprises a building or group of buildings at a single location. Many textile establishments are engaged in two or more of the three major production processes, and some are also engaged in fabricating end products such as towels, blankets, sheets, and pillowcases.

In classifying textile establishments by SIC industry, preference was given to spinning, weaving, knitting, or fabricating as opposed to finishing. Thus, an integrated cotton mill producing finished cotton fabrics would be classified in SIC 2211, Broad Woven Fabric Mills, Cotton, even though the end product of the establishment was finished fabrics. Similarly, a nonweaving plant finishing fabrics and further fabricating the cloth into sheets and pillowcases was classified in industry 2392, Housefurnishings, N.E.C.

This report covers all nonintegrated finishing plants, except wool finishing plants which are included in industry 2231, Weaving and Finishing Mills, Wool, finishers of knit products which are classified in industry Group 225, Knitting Mills, and finishers of carpeting included in Group 227. The extent of integration at the establishment level and its effect on the shipments of the establishments covered in this report are indicated in tables 5B and 6A. These tables do not, however, show information regarding company integration as opposed to mill integration.

The establishments in these industries were asked to differentiate between goods processed for their own account and for the account of others. Many finishing establishments operated by integrated companies reported operations on company-owned materials as

"job or commission finishing" if the finishing plants were treated as a commission finisher in the company records. In table 6A, data are shown for fabrics finished for the converting or sales department of the same company.

Commission dyers and other commission finishers excluded the value of the material processed (fiber, yarn, or fabric) in both the "Cost of Materials," and the "Products Shipped" items. The total cost of materials for the industry, therefore, includes the cost of the goods finished only for establishments finishing for their own account. The "total value of shipments" of the industry is a composite figure including (for commission finishers) receipts for finishing and (for independent finishers) the value of the finished goods shipped or sold.

The differentiation between the commission fabric finishers (including commission finishing for the parent company) and those that finish for their own account is made in tables 3 and 4 which furnishes separate information for finishing plants that specialize in commission work and those that specialize in finishing their own goods.

A substantial amount of fabric, particularly synthetic fabric, is finished on commission for the account of textile converters who buy gray goods from the weaving mills, arrange to have the finishing done, and sell the finished cloth in the apparel or other markets. While the fabric is owned by the converter, the commission finisher usually supplies the dyestuffs and miscellaneous materials which are included in his cost of materials as reported in the census. The converter establishment is classified in the wholesale trade industries and is excluded from the census of manufactures. However, such establishments reported in the 1963 Census of Business and data for textile converters are included in the census of business reports.

An annual survey of cotton, synthetic, and silk broad woven fabrics finished is conducted by the Bureau of the Census. In this survey, data on the quantity of fabrics finished are collected from finishing plants. For each of thirty-two classes of fabric, information is shown for the three major types of finished goods (whites, plain colors, and prints) by major end use (apparel, household, and other). Separate data are also collected for the production of crease-resistant fabrics. These statistics are published in Current Industrial Reports Series M22S, Cotton, Silk, and Man-Made Fiber Woven Goods Finished. Because of the availability of this detailed report, product information relating to finished fabrics that was collected in the census of manufactures and shown in footnotes for table 6A is limited to summary data.

2261—FINISHERS OF BROAD WOVEN FABRICS OF COTTON

This industry comprises establishments primarily engaged in finishing purchased cotton broad woven fabrics, or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plissé), and other mechanical finishing such as preshrinking, calendering, and napping. This industry also includes the shrinking and sponging of cloth for the trade, and the chemical finishing for water-repellency, fire-resistance, and mildew-proofing. Establishments primarily engaged in finishing wool broad woven fabrics are classified in industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in industry 2295. For a detailed list of products of industry 2261, refer to table 6A, product codes 2261711 to 2261971.

Value of shipments and other receipts of the Finishing Plants, Cotton, Industry totaled \$870 million. This amount included shipments of finished cotton broad woven fabrics and commission receipts for finishing cotton fabrics (primary products) valued at \$672 million, shipments of other products (secondary products) valued at \$162 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$35 million.

This industry's shipments of finished cotton fabrics, including commission finishing, represented 81 percent of its total product shipments. The industry specialization ratio in 1958 was 85 percent. Secondary products shipped by this industry in 1963 consisted mainly of finished man-made fiber broad woven fabrics, including commission finishing (\$51 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 97 percent of the total industry shipments are represented by plants specializing in product classes; 49 percent in finishing own cotton fabrics; and 48 percent in commission finishing of cotton fabrics.

Shipments of finished cotton fabrics, including commission finishing, by this industry represented 60 percent of all shipments of these products (\$1,113 million) by all industries. In 1958 the coverage ratio was 57 percent. However, finished cotton fabrics (except commission finishing) made in cotton weaving mills are also primary to industry 2211. That industry shipped \$393 million of finished cotton fabrics. The combined coverage ratio, including both industries to which these products are primary, is 96 percent. In 1958 the ratio was also 96 percent. Other industries shipping finished cotton fabrics consisted mainly of industry 2221, Weaving Mills, Synthetics, \$18 million and industry 2262, Finishing Plants, Synthetic, \$7 million.

The production index for the primary products of the industry increased to 103 in 1963 from the 1958 level of 101. The unit value index for 1963 was 122 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2262—FINISHERS OF BROAD WOVEN FABRICS OF MAN-MADE FIBER AND SILK

This industry comprises establishments primarily engaged in finishing purchased man-made fiber and silk broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plissé), and other mechanical finishing such as preshrinking, calendering, and napping. Establishments primarily engaged in finishing wool broad woven fabrics are classified in industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in industry 2295. For a detailed list of products of industry 2262, refer to table 6A, product codes 2262811 to 2262961.

Value of shipments and other receipts of the Finishing Plants, Synthetic, Industry totaled \$324 million. This amount included shipments of finished man-made fiber and silk fabrics and commission receipts for finishing man-made fiber and silk fabrics (primary products) valued at \$282 million, shipments of other products (secondary products) valued at \$28 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$14 million.

This industry's shipments of finished man-made fiber and silk fabrics, including commission finishing, represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of finished yarn, raw stock, and narrow fabrics, except knit and wool, and fabricated textile products, n.e.c.

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 99 percent of the total industry shipments are represented by plants specializing in product classes; 18 percent in finishing own man-made fiber and silk fabrics; and 81 percent in commission finishing of man-made fiber and silk fabrics.

Shipments of finished man-made fiber and silk fabrics, including commission finishing, by this industry represented 46 percent of all shipments of these products (\$617 million) by all industries. In 1958 the coverage ratio was 54 percent. However, finished man-made fiber and silk fabrics (except commission finishing) made in synthetic fabric weaving mills are also primary to industry 2221. That industry shipped \$191 million of finished man-made fiber and silk fabrics. The combined coverage ratio, including both industries to which those products are primary, is 77 percent. In 1958 the ratio was 85 percent by all industries. In 1958 the coverage ratio was also 54 percent. Other industries shipping finished man-made fiber fabrics consisted mainly of industry 2221, Weaving Mills, Synthetic, \$191 million; and industry 2261, Finishing Plants, Cotton.

The production index for the primary products of the industry increased to 172 in 1963 from the 1958 level of 112. The unit value index for 1963 was 108 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

2269—DYEING AND FINISHING TEXTILES, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in dyeing and finishing textiles, n.e.c., such as bleaching, dyeing, printing, and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool. These establishments perform finishing operations on purchased textiles or on a commission basis. For a detailed list of products of industry 2269, refer to table 6A, product codes 2269012 to 2269071.

Value of shipments and other receipts of the Finishing Plants, N.E.C., Industry totaled \$207 million. This amount included shipments of finished yarn, raw stock, and narrow fabrics, except knit and wool (primary products), valued at \$140 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$49 million.

This industry's shipments of finished yarn, raw stock, and narrow fabrics, except knit and wool, represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was 95 percent.

Shipments of finished yarn, raw stock, and narrow fabrics, except knit and wool, by this industry represent 64 percent of all shipments of these products (\$217 million) by all industries. In 1958 the coverage ratio was 73 percent. However, finished yarns, except wool, made in industry 2281, Yarn Mills, Except Wool, are also primary to that industry. Industry 2281 shipments of finished yarns amounted to \$56 million. Therefore the combined coverage ratio, including both industries to which finished yarn is primary, is 90 percent. The 1958 ratio was also 90 percent.

The production index for the primary products of the industry increased to 164 in 1963 from the 1958 level of 117. The unit value index for 1963 was 99 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

TEXTILE FINISHING, EXCEPT WOOL: SIC 226 Value Added by Manufacture by State: 1963

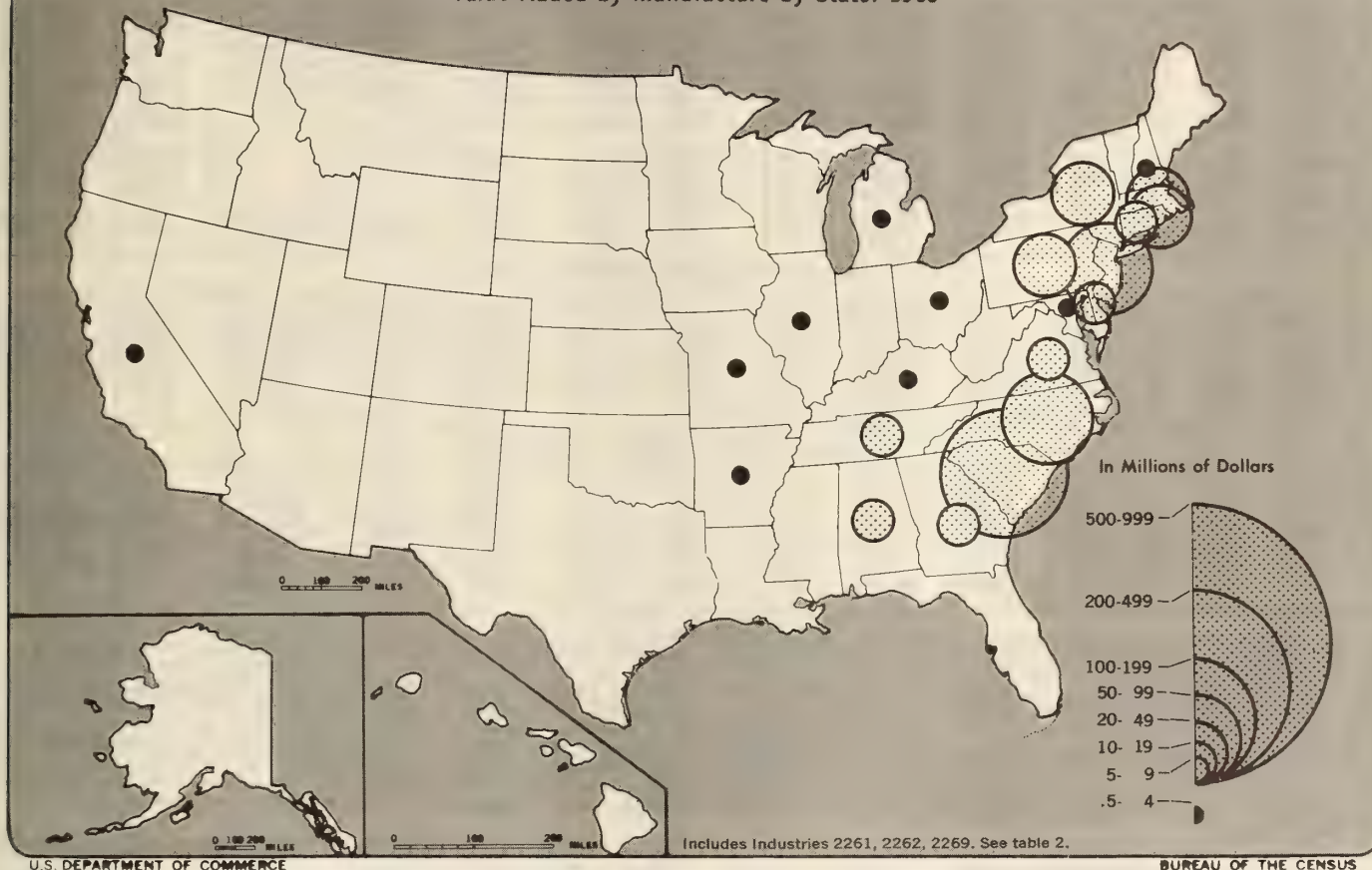


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)		
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)								
INDUSTRY 2261.—FINISHING PLANTS, COTTON ¹																
1963.....	220	238	140	42,055	190,532	35,537	74,856	146,817	332,290	536,868	869,746	29,273	81	60		
1962 ²	(NA)	(NA)	(NA)	42,428	188,005	36,065	76,658	146,162	337,428	459,076	781,609	21,196	(NA)	(NA)		
1961 ²	(NA)	(NA)	(NA)	44,071	188,448	37,256	78,183	145,718	328,901	452,705	776,208	17,719	(NA)	(NA)		
1960 ²	(NA)	(NA)	(NA)	45,492	189,791	39,557	79,323	147,102	309,106	452,870	752,539	23,709	(NA)	(NA)		
1959 ²	(NA)	(NA)	(NA)	48,958	198,681	41,561	87,941	156,711	314,625	483,903	794,975	19,621	(NA)	(NA)		
1958 ³	426	446	174	49,212	189,866	42,105	86,510	149,247	289,115	399,077	686,237	15,662	85	57		
INDUSTRY 2261.—FINISHING PLANTS, EXCEPT WOOL (OLD SIC) ¹																
1958.....	(NA)	809	393	73,553	294,372	62,859	130,114	230,278	457,962	601,613	1,058,411	21,610	(NA)	(NA)		
1957 ²	(NA)	(NA)	(NA)	77,965	301,722	66,736	133,986	235,812	454,070	573,895	1,033,224	(S)	(NA)	(NA)		
1956 ²	(NA)	(NA)	(NA)	79,077	305,433	67,809	141,745	236,750	479,033	583,724	1,062,683	30,776	(NA)	(NA)		
1955 ²	(NA)	(NA)	(NA)	82,532	316,025	71,317	152,789	248,710	505,373	601,663	1,112,987	27,144	(NA)	(NA)		
1954.....	680	725	403	79,308	292,324	68,485	142,839	228,262	462,365	538,568	1,003,279	21,900	(NA)	(NA)		
1953 ²	(NA)	(NA)	(NA)	82,552	298,274	72,384	150,349	238,306	478,972	}	(4)	}	25,809	(NA)	(NA)	
1952 ²	(NA)	(NA)	(NA)	83,185	297,402	72,697	156,262	238,111	456,123				(4)	29,992	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	81,019	273,080	70,731	146,387	214,830	417,986				31,546	(NA)	(NA)	
1947.....	599	641	408	77,985	218,933	69,035	148,266	176,094	359,270				29,668	(NA)	(NA)	
1939.....	(NA)	468	(NA)	68,460	82,289	60,237	(NA)	61,745	130,695				140,472	271,167	(NA)	(NA)	(NA)
1937.....	(NA)	442	(NA)	(NA)	(NA)	61,552	(NA)	64,220	116,458	88,633	205,091	(NA)	(NA)	(NA)		
INDUSTRY 2262.—FINISHING PLANTS, SYNTHETICS ¹																
1963.....	193	205	138	19,528	105,975	16,222	36,524	81,391	176,819	151,086	323,701	13,890	91	46		
1962 ²	(NA)	(NA)	(NA)	17,875	89,160	15,072	33,055	67,980	149,248	151,052	300,535	8,499	(NA)	(NA)		
1961 ²	(NA)	(NA)	(NA)	16,454	79,863	13,758	29,873	61,121	135,012	135,239	269,397	6,476	(NA)	(NA)		
1960 ²	(NA)	(NA)	(NA)	16,357	78,922	13,693	29,560	60,538	138,293	124,059	262,839	4,380	(NA)	(NA)		
1959 ²	(NA)	(NA)	(NA)	16,618	79,621	13,881	30,471	61,008	133,546	108,846	241,986	2,600	(NA)	(NA)		
1958.....	185	197	132	16,185	74,297	13,650	29,296	57,615	114,825	95,261	210,568	3,607	93	54		
INDUSTRY 2269.—FINISHING PLANTS, N.E.C. ¹																
1963.....	174	178	85	9,236	40,399	7,928	15,714	29,986	73,159	134,173	206,920	4,652	89	64		
1962 ²	(NA)	(NA)	(NA)	9,510	41,309	8,302	15,505	29,569	82,632	127,890	208,441	3,501	(NA)	(NA)		
1961 ²	(NA)	(NA)	(NA)	9,065	35,961	7,846	14,960	25,603	70,734	115,332	186,355	3,598	(NA)	(NA)		
1960 ²	(NA)	(NA)	(NA)	9,709	37,954	8,416	16,246	27,637	69,598	116,274	185,983	2,879	(NA)	(NA)		
1959 ²	(NA)	(NA)	(NA)	8,414	31,554	7,466	14,737	24,513	65,852	113,497	178,198	1,487	(NA)	(NA)		
1958.....	149	155	79	7,808	28,814	6,818	13,729	22,496	52,005	105,719	158,033	2,117	95	73		

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹The three finishing industries 2261, 2262, and 2269 were formerly combined in one industry, old SIC Code 2261, Finishing Textiles, Except Wool. Therefore, comparable data for 1957 and earlier years are available only as shown above for old SIC 2261. The 1958 data for old SIC 2261 are greater than the sum of the three new industries by 11 establishments having 348 employees. These plants were finishing textiles except wool and also performing other operations such as finishing wool yarn. The breakdown of the old SIC 2261 finishing activities into three categories resulted in the secondary product becoming the primary activity of the establishment in each case. Consequently, the 11 establishments were coded outside the 226 Group.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

³The 1958 data include 148 small finishing plants that did not report sufficient information to properly classify them. A number should have been included in industry 2262, Finishing Plants, Synthetic, or in industry 2269, Finishing Plants, N.E.C. These plants had 2,991 employees and shipments of \$44 million.

⁴For the years 1947-1953, finishing plants not operating on commission, in effect reported as commission plants by excluding the gray goods cost from their cost of materials and value of shipments. The shipments data were, therefore, equal to the value added by finishing. For other years, finished fabric shipments were reported at their market value and the gray goods cost was included in the cost of materials.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2261.—FINISHING PLANTS, COTTON													
Total.....	238	140	42,055	190,532	35,537	74,856	146,817	332,290	536,868	869,746	29,273	49,212	289,115
New England.....	49	34	7,211	35,592	6,024	12,633	27,158	50,348	63,471	116,539	3,201	11,337	63,464
Massachusetts....	24	17	3,538	17,325	2,954	6,001	12,973	24,018	43,762	69,736	942	4,898	31,125
Rhode Island.....	16	11	2,941	14,354	2,460	5,212	11,381	20,207	15,472	36,420	1,532	4,393	21,256
Middle Atlantic....	104	51	4,775	25,420	4,124	8,502	19,719	38,726	38,458	79,455	2,858	7,608	52,759
New York.....	58	24	1,841	8,997	1,606	3,173	7,065	16,719	19,225	36,409	1,105	2,944	22,248
New Jersey.....	32	21	2,062	12,114	1,781	3,786	9,427	15,781	12,220	29,592	1,348	3,608	24,866
Pennsylvania.....	14	6	872	4,309	737	1,543	3,227	6,226	7,013	13,454	405	1,056	5,645
North Central.....	16	6	366	1,858	313	659	1,386	3,679	3,944	7,521	355	368	2,455
South.....	58	48	29,576	126,806	24,981	52,860	98,067	238,110	429,864	663,663	22,801	29,514	167,623
North Carolina...	14	13	5,100	22,292	4,077	8,545	15,365	42,809	53,995	94,138	4,127	5,308	25,829
South Carolina...	18	17	17,698	74,896	15,171	31,832	60,344	143,526	311,945	454,973	13,679	17,657	108,351
Alabama.....	3	3	1,522	6,821	1,344	3,039	5,214	14,188	37,214	51,147	831	(²)	(²)
West.....	11	1	127	856	95	202	487	1,427	1,131	2,568	58	385	2,814
INDUSTRY 2262.—FINISHING PLANTS, SYNTHETIC													
Total.....	205	138	19,528	105,975	16,222	36,524	81,391	176,819	151,086	323,701	13,890	16,185	114,825
New England.....	38	34	4,144	21,468	3,487	7,532	15,990	32,707	24,728	57,211	1,785	3,466	25,024
Massachusetts....	17	14	1,676	8,896	1,340	2,920	6,245	13,675	13,511	27,172	788	1,512	12,281
Connecticut.....	8	8	1,372	7,135	1,188	2,633	5,820	10,509	6,297	16,607	716	969	6,357
Middle Atlantic....	137	82	8,610	53,296	7,510	17,075	43,609	87,846	48,336	134,059	3,055	9,695	70,125
New York.....	64	24	1,814	10,677	1,574	3,451	8,450	16,164	8,813	25,012	483	1,712	13,040
New Jersey.....	64	51	6,089	38,755	5,309	12,134	31,868	63,097	35,028	97,975	2,450	7,176	51,942
Pennsylvania.....	9	7	707	3,864	627	1,490	3,291	8,585	4,495	11,072	122	807	5,143
South.....	26	21	6,667	30,589	5,140	11,739	21,354	55,017	77,044	130,204	8,975	2,876	18,451
North Carolina...	13	10	3,230	14,468	2,555	5,758	10,059	23,340	52,519	76,304	2,142	(²)	(²)
All other divisions.	4	1	107	622	85	178	438	1,249	978	2,227	75	148	1,225
INDUSTRY 2269.—FINISHING PLANTS, N.E.C.													
Total.....	178	85	9,236	40,399	7,928	15,714	29,986	73,159	134,173	206,920	4,652	7,808	52,005
New England.....	18	12	1,565	8,413	1,177	2,400	5,609	12,957	17,026	29,757	1,064	1,110	5,494
Massachusetts....	8	5	938	4,819	633	1,321	2,792	8,061	10,619	18,428	738	230	1,373
Middle Atlantic....	99	34	2,443	11,988	2,043	4,192	8,896	19,450	31,405	50,770	1,341	2,843	21,117
New York.....	35	7	567	2,955	467	955	2,235	4,938	4,412	9,339	458	603	5,172
New Jersey.....	36	12	877	4,445	747	1,489	3,404	6,854	10,078	17,064	486	915	5,740
Pennsylvania.....	28	15	999	4,588	829	1,748	3,257	7,658	16,915	24,367	397	1,325	10,205
South.....	46	31	4,091	14,471	3,723	7,092	11,807	30,936	76,654	107,615	1,674	3,195	20,577
North Carolina...	30	19	2,105	6,815	1,938	3,552	5,654	14,919	37,593	52,092	903	(²)	(²)
Georgia.....	5	4	237	989	208	393	806	2,102	567	2,672	260	(²)	(²)
All other divisions.	15	8	1,137	5,527	985	2,030	3,674	9,816	9,088	18,778	573	660	4,817

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2261, Finishing Plants, Cotton: New England—New Hampshire, 2 (250-499); Connecticut, 7 (250-499); East North Central—Ohio, 5 (20-99); Illinois, 7 (196); West North Central—Missouri, 3 (20-99); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (1,000-2,499); Maryland, 1 (100-249); Virginia, 1 (500-999); Georgia, 7 (1,000-2,499); Florida, 4 (20-99); East South Central—Kentucky, 2 (20-99); Tennessee, 3 (500-999); West South Central—Arkansas, 1 (100-249); Oklahoma, 1 (20-99); Texas, 2 (1-19); Mountain—Colorado, 1 (1-19); Arizona, 1 (1-19); Pacific—Washington, 1 (1-19); California, 7 (100-249); Hawaii, 1 (1-19).

SIC 2262, Finishing Plants, Synthetic: New England—New Hampshire, 2 (100-249); Rhode Island, 11 (500-999); East North Central—Illinois, 1 (1-19); South Atlantic—Maryland, 2 (20-99); Virginia, 4 (1,000-2,499); South Carolina, 4 (1,000-2,499); Georgia, 1 (20-99); Florida, 1 (1-19); East South Central—Tennessee, 1 (100-249); Pacific—California, 3 (20-99).

SIC 2269, Finishing Plants, N.E.C.: New England—New Hampshire, 1 (1-19); Rhode Island, 8 (500-999); Connecticut, 1 (20-99); East North Central—Ohio, 2 (250-499); Illinois, 2 (100-249); Michigan, 2 (100-249); Wisconsin, 1 (20-99); West North Central—Missouri, 1 (1-19); South Atlantic—Maryland, 1 (1-19); Virginia, 1 (100-249); South Carolina, 2 (500-999); East South Central—Tennessee, 4 (996); Alabama, 2 (20-99); West South Central—Oklahoma, 1 (1-19); Pacific—California, 7 (205).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Finishing plants, cotton (SIC 2261)			Finishing plants, synthetic (SIC 2262)			Finishing plants, n.e.c. (SIC 2269)		
	Total	Finishing own fabrics (2261-11)	Commission finishing (2261-51)	Total	Finishing own fabrics (2262-11)	Commission finishing (2262-51)	Total	Finishing own yarns, etc. (2269-11)	Commission finishing (2269-51)
Primary product specialization ratio ¹.....	.81	(NA)	(NA)	.91	(NA)	(NA)	.89	(NA)	(NA)
Coverage ratio.....	.60	(NA)	(NA)	.46	(NA)	(NA)	.64	(NA)	(NA)
Establishments, total.....number..	238	79	159	205	33	172	178	88	90
With 1 to 19 employees.....do....	98	45	53	67	25	42	93	40	53
With 20 to 99 employees.....do....	69	20	49	79	5	74	59	31	28
With 100 employees or more.....do....	71	14	57	59	3	56	26	16	10
Proprietors and working partners.....do....	50	(NA)	(NA)	24	(NA)	(NA)	52	(NA)	(NA)
All employees (average for the year).....do....	42,055	9,410	32,645	19,528	1,561	17,967	9,236	5,718	3,518
Payroll (all employees), total for year.....\$1,000..	190,532	41,468	149,064	105,975	7,777	98,198	40,399	24,418	15,981
Production workers:									
Average for the year.....number..	35,537	7,876	27,661	16,222	1,154	15,068	7,928	4,891	3,037
March.....do....	35,462	7,726	27,736	15,519	1,136	14,383	7,743	4,762	2,981
May.....do....	35,700	7,868	27,832	16,130	1,110	15,020	7,846	4,833	3,013
August.....do....	35,618	7,909	27,709	16,515	1,162	15,353	7,995	4,921	3,074
November.....do....	35,373	8,013	27,360	16,726	1,211	15,515	8,126	5,045	3,081
Man-hours.....1,000..	74,856	16,969	57,887	36,524	2,558	33,966	15,714	9,671	6,043
January-March.....do....	19,070	4,293	14,777	9,191	620	8,571	3,860	2,405	1,455
April-June.....do....	19,067	4,252	14,815	8,951	626	8,325	4,072	2,482	1,590
July-September.....do....	17,931	4,076	13,855	8,734	650	8,084	3,838	2,356	1,482
October-December.....do....	18,788	4,348	14,440	9,648	662	8,986	3,944	2,428	1,516
Wages.....\$1,000..	146,817	31,380	115,437	81,391	4,845	76,546	29,986	18,411	11,575
Cost of materials, etc., total.....do....	536,868	362,000	174,868	151,086	50,720	100,366	134,173	119,011	15,162
Materials, parts, containers, and supplies consumed.....do....	494,653	340,585	154,068	133,493	46,611	86,882	126,627	113,843	12,784
Cost of resales.....do....	11,302	10,635	667	2,082	1,698	384	1,788	1,756	32
Fuels consumed.....do....	17,137	4,587	12,550	8,689	281	8,408	2,033	1,179	854
Electric energy:									
Purchased:									
Quantity.....million kw.-hrs..	497	104	393	300	33	267	157	98	58
Cost.....\$1,000..	5,050	1,032	4,018	3,798	341	3,457	1,779	1,044	735
Generated less sold.....million kw.-hrs..	193	(D)	(D)	(D)	-	(D)	-	-	-
Contract work.....\$1,000..	8,726	5,161	3,565	3,024	1,789	1,235	1,946	1,189	757
Value of shipments (including resales), total.....do....	869,746	466,257	403,489	323,701	62,111	261,590	206,920	165,223	41,697
Value of resales.....do....	13,621	12,554	1,067	2,125	1,476	649	1,955	1,923	32
Value added by manufacture, adjusted.....do....	332,290	104,915	227,375	176,819	11,047	165,772	73,159	46,611	26,548
Manufacturers' inventories:									
Beginning of year, total.....do....	107,794	70,623	37,171	26,083	5,782	20,301	19,271	17,127	2,144
Finished products.....do....	59,006	51,265	7,741	3,172	2,361	811	7,951	7,543	408
Work-in-process.....do....	16,645	6,851	9,794	13,239	1,935	11,304	3,920	3,768	152
Materials, supplies, fuel, etc.....do....	32,143	12,507	19,636	9,672	1,486	8,186	7,400	5,816	1,584
End of year, total.....do....	108,403	72,670	35,733	30,988	5,430	25,558	19,160	16,872	2,288
Finished products.....do....	57,140	49,824	7,316	3,978	2,107	1,871	8,359	7,958	401
Work-in-process.....do....	17,589	8,950	8,639	16,637	1,845	14,792	3,724	3,552	172
Materials, supplies, fuel, etc.....do....	33,675	13,897	19,778	10,373	1,478	8,895	7,077	5,362	1,715
Expenditures for plant and equipment, total.....do....	30,017	11,342	18,675	14,769	1,505	13,264	4,845	3,125	1,720
New, total.....do....	29,273	11,194	18,079	13,890	1,481	12,409	4,652	3,061	1,591
New structures and additions to plant.....do....	4,075	1,286	2,789	2,928	282	2,646	1,060	714	346
New machinery and equipment.....do....	25,198	9,908	15,290	10,962	1,199	9,763	3,592	2,347	1,245
Used plant and equipment.....do....	744	148	596	879	24	855	193	64	129
Selected operating ratios:									
Payroll/Total employment.....	4,531	4,407	4,566	5,427	4,982	5,465	4,374	4,270	4,543
Production workers/Total employment.....	.84	.84	.85	.83	.74	.84	.86	.86	.86
Man-hours/Production workers.....	2,106	2,155	2,093	2,252	2,217	2,254	1,982	1,977	1,990
Production worker wages/Man-hours.....	1.96	1.85	1.99	2.23	1.89	2.25	1.91	1.90	1.92
Cost of materials and payrolls/Total value of shipments.....	.84	.87	.80	.79	.94	.76	.84	.87	.75
Cost of materials/Total value of shipments.....	.62	.78	.43	.47	.82	.38	.65	.72	.36
Adjusted value added/Total employment.....	7,901	11,149	6,965	9,055	7,077	9,226	7,921	8,152	7,546
Salaries and wages/Adjusted value added.....	.57	.38	.65	.59	.70	.59	.55	.52	.60

Note: Totals of units are not always equal to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in the aggregation. See Introduction for an explanation of terms used.

Primary product specialization ratio - Ratio of primary products to total products. (1) Data is available for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The primary product specialization ratio (both primary and secondary) of the industry is represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2261.—FINISHING PLANTS, COTTON											
Establishments.....number..	238	51	15	32	37	32	30	15	21	2	3
All employees:											
Total.....do....	42,055	101	107	442	1,238	2,182	5,610	5,648	<u>26,727</u>	(D)	(D)
Payroll.....\$1,000..	190,532	439	596	2,134	6,246	10,785	27,260	26,917	<u>116,155</u>	(D)	(D)
Value added, adjusted.....do....	332,290	899	1,429	4,323	10,889	18,089	46,451	64,520	<u>185,690</u>	(D)	(D)
Value of shipments.....do....	869,746	2,754	2,419	10,370	24,566	31,882	132,913	130,961	<u>533,881</u>	(D)	(D)
Capital expenditures, new...do....	29,273	121	106	502	708	1,307	2,557	2,739	<u>21,233</u>	(D)	(D)
Subindustry 2261-11.—Finishing Plants, Cotton—FINISHING OWN FABRICS											
Establishments.....number..	79	27	6	12	14	6	6	3	3	1	1
All employees:											
Total.....do....	9,410	52	43	168	484	373	1,235	7,055	(D)	(D)	(D)
Payroll.....\$1,000..	41,468	225	212	641	1,971	1,569	5,631	<u>31,219</u>	(D)	(D)	(D)
Value added, adjusted.....do....	104,915	450	709	1,181	4,400	2,807	13,617	<u>81,751</u>	(D)	(D)	(D)
Value of shipments.....do....	466,257	1,957	1,332	5,205	13,741	8,519	76,045	<u>359,458</u>	(D)	(D)	(D)
Capital expenditures, new...do....	11,194	81	49	214	401	258	890	<u>9,301</u>	(D)	(D)	(D)
Subindustry 2261-51.—Finishing Plants, Cotton—COMMISSION FINISHING											
Establishments.....number..	159	24	9	20	23	26	24	12	18	1	2
All employees:											
Total.....do....	32,645	49	64	274	754	1,809	4,375	<u>25,320</u>	(D)	(D)	(D)
Payroll.....\$1,000..	149,064	214	384	1,493	4,275	9,216	21,629	<u>111,853</u>	(D)	(D)	(D)
Value added, adjusted.....do....	227,375	449	720	3,142	6,489	15,282	32,834	<u>168,452</u>	(D)	(D)	(D)
Value of shipments.....do....	403,489	797	1,087	5,165	10,825	23,363	56,868	<u>305,384</u>	(D)	(D)	(D)
Capital expenditures, new...do....	18,079	40	57	288	307	1,049	1,667	<u>14,671</u>	(D)	(D)	(D)
INDUSTRY 2262.—FINISHING PLANTS, SYNTHETICS											
Establishments.....number..	205	24	16	27	45	34	41	10	8	-	-
All employees:											
Total.....do....	19,528	43	107	389	1,494	2,428	6,112	3,468	5,487	-	-
Payroll.....\$1,000..	105,975	255	628	1,988	7,721	14,563	35,582	18,739	26,499	-	-
Value added, adjusted.....do....	176,819	463	1,374	3,684	14,361	23,567	56,623	30,214	46,533	-	-
Value of shipments.....do....	323,701	1,197	2,402	5,434	22,902	45,521	95,627	47,284	103,334	-	-
Capital expenditures, new...do....	13,890	29	66	149	702	787	3,174	1,807	7,176	-	-
Subindustry 2262-11.—Finishing Plants, Synthetics—FINISHING OWN FABRICS											
Establishments.....number..	33	14	6	5	4	1	2	-	1	-	-
All employees:											
Total.....do....	1,561	27	38	66	150	<u>1,280</u>	(D)	-	(D)	-	-
Payroll.....\$1,000..	7,777	167	223	227	744	<u>6,416</u>	(D)	-	(D)	-	-
Value added, adjusted.....do....	11,047	176	328	368	1,134	<u>9,041</u>	(D)	-	(D)	-	-
Value of shipments.....do....	62,111	825	1,151	1,056	2,922	<u>56,137</u>	(D)	-	(D)	-	-
Capital expenditures, new...do....	1,481	25	28	25	199	<u>1,204</u>	(D)	-	(D)	-	-
Subindustry 2262-51.—Finishing Plants, Synthetics—COMMISSION FINISHING											
Establishments.....number..	172	10	10	22	41	33	39	10	7	-	-
All employees:											
Total.....do....	17,967	16	69	323	1,344	<u>16,215</u>	(D)	(D)	(D)	-	-
Payroll.....\$1,000..	98,198	88	405	1,761	6,977	<u>88,967</u>	(D)	(D)	(D)	-	-
Value added, adjusted.....do....	165,772	287	1,046	3,316	13,227	<u>147,896</u>	(D)	(D)	(D)	-	-
Value of shipments.....do....	261,590	372	1,251	4,378	19,980	<u>235,609</u>	(D)	(D)	(D)	-	-
Capital expenditures, new...do....	12,409	4	38	124	503	<u>11,740</u>	(D)	(D)	(D)	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2269.—FINISHING PLANTS, N.E.C.											
Establishments.....number..	178	27	32	34	33	26	17	8	1	-	-
All employees:											
Total.....do....	9,236	50	217	468	1,069	1,823	2,384	<u>3,225</u>	(D)	-	-
Payroll.....\$1,000..	40,399	960	1,027	2,327	5,179	7,472	9,650	<u>13,784</u>	(D)	-	-
Value added, adjusted.....do....	73,159	560	2,048	3,856	10,242	14,891	16,021	<u>25,541</u>	(D)	-	-
Value of shipments.....do....	206,920	1,392	5,255	9,599	24,328	33,289	50,035	<u>83,022</u>	(D)	-	-
Capital expenditures, new...do....	4,652	50	146	218	907	861	826	<u>1,644</u>	(D)	-	-
Subindustry 2269-11.—Finishing Plants, N.E.C.—FINISHING OWN YARNS, ETC.											
Establishments.....number..	88	13	14	13	16	16	10	5	1	-	-
All employees:											
Total.....do....	5,718	21	98	181	559	1,116	<u>3,743</u>	(D)	(D)	-	-
Payroll.....\$1,000..	24,418	816	412	820	2,826	4,148	<u>15,396</u>	(D)	(D)	-	-
Value added, adjusted.....do....	46,611	279	977	1,334	5,029	10,027	<u>28,965</u>	(D)	(D)	-	-
Value of shipments.....do....	165,223	836	3,196	5,562	16,655	26,421	<u>112,553</u>	(D)	(D)	-	-
Capital expenditures, new...do....	3,060	29	85	159	444	602	<u>1,741</u>	(D)	(D)	-	-
Subindustry 2269-51.—Finishing Plants, N.E.C.—COMMISSION FINISHING											
Establishments.....number..	90	14	18	21	17	10	7	3	-	-	-
All employees:											
Total.....do....	3,518	29	119	287	510	707	<u>1,866</u>	(D)	-	-	-
Payroll.....\$1,000..	15,981	144	615	1,507	2,353	3,324	<u>8,038</u>	(D)	-	-	-
Value added, adjusted.....do....	26,548	281	1,071	2,522	5,213	4,864	<u>12,597</u>	(D)	-	-	-
Value of shipments.....do....	41,697	556	2,059	4,037	7,673	6,868	<u>20,504</u>	(D)	-	-	-
Capital expenditures, new...do....	1,592	21	61	59	463	259	<u>729</u>	(D)	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
						Col. B Col. B+C (percent)				Col. B Col. F (percent)
						(\$1,000)				(\$1,000)
		A	B	C	D	E	F	G	H	I
2261	Finishing plants, cotton.....1963.. 1958..	869,746 686,237	672,248 570,690	162,111 97,462	35,387 18,085	81 85	1,113,183 1,008,137	672,248 570,690	440,935 437,447	¹ 60 ¹ 57
2262	Finishing plants, synthetic .....1963.. 1958..	323,701 210,568	282,262 191,123	27,610 15,477	13,829 3,968	91 93	617,050 353,080	282,262 191,123	334,788 161,957	² 46 ² 54
2269	Finishing plants, n.e.c.....1963.. 1958..	206,920 158,033	139,537 117,439	17,895 6,601	49,488 33,993	89 95	216,706 159,941	139,537 117,439	77,169 42,502	³ 64 ³ 73

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹Included in this industry are finished cotton broad woven fabrics (except commission finishing) which are also primary to industry 2211, Weaving Mills, Cotton. A coverage ratio computed on the basis of including both industries to which finished cotton broad woven fabrics are primary would total 96 percent. In 1958 the ratio was also 96 percent.

²Included in this industry are finished synthetic fabrics (except commission finishing) which are also primary to industry 2221, Weaving Mills, Synthetics. A coverage ratio computed on the basis of including both industries to which finished synthetic fabrics are primary would total 77 percent. In 1958 the ratio was 85 percent.

³Included in this industry are finished yarns except wool which are also primary to industry 2281, Yarn Mills, Except Wool. A coverage ratio computed on the basis of including both industries to which finished yarns, except wool, are primary would total 90 percent. In 1958 the ratio was also 90 percent.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts				All industries	Finishing plants, cotton (SIC 2261)	Weaving mills, cotton (SIC 2211)	Other industries			
FINISHING PLANTS, COTTON, INDUSTRY											
	Total shipments and receipts of the industry.....				(X)	869,746	(X)	(X)			
	Primary products.....				1,113,183	672,248	405,890	35,045			
22117	}	Finished cotton broad woven fabrics.....				724,109	309,965	392,510	121,634		
22617		Commission finishing of cotton broad woven fabrics.....				371,786	344,995	13,380	213,411		
22619		Finishing cotton broad woven fabrics, n.s.k.....				17,288	17,288	-	-		
22610	Secondary products.....				(X)	162,111	(X)	(X)			
2262-	Finished man-made fiber broad woven fabrics, including commission finishing of such fabrics.....				(X)	51,250	(X)	(X)			
	Other secondary products.....				(X)	110,861	(X)	(X)			
	Miscellaneous receipts.....				(X)	35,387	(X)	(X)			
	Commission receipts for work done for others, except finishing specified above.....				(X)	12,326	(X)	(X)			
	Sales of products bought and resold without further manufacture.....				(X)	13,621	(X)	(X)			
	Other receipts.....				(X)	9,440	(X)	(X)			
Class of products and miscellaneous receipts		All industries	Finishing plants, synthetic (SIC 2262)	Other industries	Prod. class code	Class of products and miscellaneous receipts		All industries	Finishing plants, synthetic (SIC 2262)	Other industries	
FINISHING PLANTS, SYNTHETIC, INDUSTRY											
	Total shipments and receipts of the industry.....		(X)	323,701	(X)	FINISHING PLANTS, SYNTHETIC, INDUSTRY—Continued					
	Primary products.....		617,050	282,262	334,788	Miscellaneous receipts—Continued					
						Sales of products bought and resold without further manufacture.....		(X)	2,125	(X)	
						Other receipts.....		(X)	6,408	(X)	
22218	}	Finished man-made fiber and silk broad woven fabrics.....		336,906	41,702	295,204			All industries	Finishing plants, n.e.c. (SIC 2269)	Other industries
22628		Commission finishing of man-made fiber and silk broad woven fabrics.....		276,850	237,266	39,584	FINISHING PLANTS, N.E.C., INDUSTRY				
22629		Finishing man-made fiber and silk broad woven fabrics, n.s.k.....		3,294	3,294	-	Total shipments and receipts of the industry.....		(X)	206,920	(X)
22620	Secondary products.....		(X)	27,610	(X)	22690	Finished yarn, raw stock, and narrow fabrics, except knit and wool.....		216,706	139,537	77,169
22619	Commission finishing of cotton broad woven fabrics.....		(X)	6,840	(X)	Secondary products.....		(X)	17,895	(X)	
	Other products.....		(X)	20,770	(X)	Miscellaneous receipts.....		(X)	49,488	(X)	
	Miscellaneous receipts.....		(X)	13,829	(X)	Receipts for commission finishing of yarn, raw stock, and narrow fabrics, except knit and wool....		(X)	47,097	(X)	
	Commission receipts for work done for others, except finishing specified above.....		(X)	5,296	(X)	Products bought and resold without further manufacture.....		(X)	1,955	(X)	
						Other receipts.....		(X)	436	(X)	

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$18,377 shipped by industry 2221, Weaving Mills, Synthetics.

²Includes \$6,840 thousand shipped by industry 2262, Finishing Plants, Synthetic.

³Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 2295-, Coated fabrics, not rubberized; 2392-, Housefurnishings, n.e.c.; and 2399-, Textile products, n.e.c.

⁴Includes shipments of \$191,222 thousand from industry 2221, Weaving Mills, Synthetics. The following industries each had shipments of more than \$5 million, but the exact figures are withheld to avoid disclosing individual company data: 2211, Weaving Mills, Cotton; 2231, Weaving, Finishing Mills, Wool; 2256, Knit Fabric Mills; 2261, Finishing Plants, Cotton.

⁵The following industries had shipments which totaled \$5 million or more but are withheld to avoid disclosing figures for individual companies: 2221, Weaving Mills, Synthetics; 2261, Finishing Plants, Cotton.

⁶Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 22690, Finished yarn, raw stock, and narrow fabrics, except knit and wool; and 23990, Fabricated textile products, n.e.c.

⁷Includes shipments of \$56 million from industry 2281, Yarn Mills, Except Wool. The following industries each had shipments of more than \$2 million, but the exact figures are withheld to avoid disclosing individual company data: 2211, Weaving Mills, Cotton; 2262, Finishing Plants, Synthetics; and 2284, Thread Mills.

⁸Includes shipments of the following product classes each of which totaled more than \$2 million: 22811, Carded cotton yarns; 2284-, Thread mills; and 2299-, Textile goods, n.e.c.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	1963				
		Total production (1,000 fin. lin. yds.)	Total shipments including interplant transfers		Transfers to other plants of the same company	
			Quantity (1,000 fin. lin. yds.)	Value (\$1,000)	Quantity (1,000 fin. lin. yds.)	Value (\$1,000)
2261- -- 22117 --	FINISHED COTTON BROAD-WOVEN FABRICS (INCLUDING COMMISSION RECEIPTS FOR JOB FINISHING), TOTAL.....	(X)	(X)	¹ 1,113,183	(X)	(X)
22117 -- 22617 --		Finished cotton broad-woven fabrics (excluding commission finishing), total.....	² 3,340,132	² 2,074,296	724,109	(D)	(D)
22117 --	Finished in weaving mills, total.....	² 1,677,622	² 954,914	411,660	(D)	(D)
22617 -- 22117 11 22617 11	Finished in other industries, total.....	² 1,662,510	² 1,119,382	312,449	(D)	(D)
22117 31 22617 31	Bleached and white finished.....	1,959,152	931,552	212,888	(D)	(D)
22117 51 22617 51		Plain dyed and finished.....	1,087,140	883,298	401,847	(D)
22117 61 22617 61	Printed and finished.....	293,840	259,446	86,132	(D)	(D)
22117 61 22617 61	Other finished cotton fabrics not bleached, dyed, or printed at the same establishment (flameproofed, mildew-proofed, mercerized, embossed, etc.).....	(NA)	(NA)	22,355	(NA)	(D)
22117 00 22617 00	Finished cotton broad-woven fabrics, n.s.k.....	(X)	(X)	887	(X)	(X)
22619 -- 22619 11 22619 31 22619 51 22619 71	Job or commission finishing of cotton broad-woven fabrics, total.....	² 4,212,116	² 4,194,153	¹ 371,786	285,704	13,175
	Bleached and white finished.....	1,286,256	1,272,903	69,405	161,492	4,828
	Plain dyed and finished.....	1,552,704	1,547,315	142,156	108,005	7,317
	Printed and finished.....	1,373,156	1,373,935	148,873	16,207	1,030
22619 71	Other finished cotton fabrics not bleached, dyed, or printed at the same establishment (flameproofed, mildew-proofed, mercerized, embossed, etc.).....	65,526	65,272	6,819		
22619 00	Commission finishing of cotton broad-woven fabrics, n.s.k.	(X)	(X)	4,533	(X)	(X)
22610 00	Finishing receipts, n.s.k.....	(X)	(X)	³ 17,288	(X)	(X)
		1963			1958	
		Produced and consumed in same establishment (1,000 fin. lin. yds.)	Finished for the converting or sales dept. of the same company (1,000 fin. lin. yds.)	Total production (1,000 fin. lin. yds.)	Total shipments including interplant transfers	
					Quantity (1,000 fin. lin. yds.)	Value (\$1,000)
2261- -- 22117 --	FINISHED COTTON BROAD-WOVEN FABRICS (INCLUDING COMMISSION RECEIPTS FOR JOB FINISHING), TOTAL.....	(X)	(X)	(X)	(X)	¹ 1,008,137
22117 -- 22617 --		Finished cotton broad-woven fabrics (excluding commission finishing), total.....	² 1,267,203	(X)	² 2,988,334	² 1,916,626	600,190
22117 --	Finished in weaving mills, total.....	² 716,827	(X)	² 1,520,956	² 1,048,298	393,309
22617 -- 22117 11 22617 11	Finished in other industries, total.....	² 550,376	(X)	² 1,467,378	² 868,328	206,881
22117 31 22617 31	Bleached and white finished.....	991,096	(X)	² 1,947,466	1,051,684	262,075
22117 51 22617 51		Plain dyed and finished.....	236,857	(X)	² 880,187	676,587	269,213
22117 61 22617 61	Printed and finished.....	39,250	(X)	² 160,681	188,355	59,114
22117 61 22617 61	Other finished cotton fabrics not bleached, dyed, or printed at the same establishment (flameproofed, mildew-proofed, mercerized, embossed, etc.).....	(NA)	(X)	(NA)	(NA)	3,616
22117 00 22617 00	Finished cotton broad-woven fabrics, n.s.k.....	(X)	(X)	(X)	(X)	6,172
22619 --	Job or commission finishing of cotton broad-woven fabrics, total.....	(D)	1,287,796	² 4,352,705	² 4,288,769	¹ 353,120
22619 11	Bleached and white finished.....	(D)	202,047	² 1,240,663	1,206,593	54,984
22619 31	Plain dyed and finished.....	(D)	463,791	² 1,471,830	1,434,556	135,437
22619 51	Printed and finished.....	-	621,958	² 1,640,212	1,647,620	152,124
22619 71	Other finished cotton fabrics not bleached, dyed, or printed at the same establishment (flameproofed, mildew-proofed, mercerized, embossed, etc.).....	-	(NA)	69,902	69,926	5,192
22619 00	Commission finishing of cotton broad-woven fabrics, n.s.k.....	-	-	(X)	(X)	5,383
22610 00	Finishing receipts, n.s.k.....	-	-	(X)	(X)	³ 54,827

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	1963					1958				
		Total production (1,000 fin. lin. yds.)	Total shipments including inter-plant transfers		Produced and consumed in same establishment (1,000 fin. lin. yds.)	Finished for the converting or sales dept. of the same company (1,000 fin. lin. yds.)	Total production (1,000 fin. lin. yds.)	Total shipments including inter-plant transfers		Produced and consumed in same establishment (1,000 fin. lin. yds.)	
			Quantity (1,000 fin. lin. yds.)	Value (\$1,000)				Quantity (1,000 fin. lin. yds.)	Value (\$1,000)		
2262- -- 22218 --	FINISHED MAN-MADE FIBER AND SILK BROAD-WOVEN FABRICS (INCLUDING COMMISSION RECEIPTS FOR JOB FINISHING), TOTAL.....	(X)	(X)	¹ 617,050	(X)	(X)	(X)	(X)	¹ 353,080	(X)	
22218 -- 22628 -- 22218 -- 22628 --	Finished man-made fiber and silk broad-woven fabrics (excluding commission finishing), total. Finished in weaving mills..... Finished in other industries.....	² 344,068 ² 238,069 ² 105,999	² 303,622 ² 207,708 ² 95,914	336,906 270,450 66,456	47,174 (D) (D)	(X) (X) (X)	² 172,585 ² 96,090 ² 76,495	² 148,300 ² 77,779 ² 70,521	157,557 109,601 47,956	26,775 23,844 2,931	
22218 11 22628 11 22218 15 22628 15	Bleached and white finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers or silk.....	31,864 80,426	18,078 87,117	19,378 42,295	(D) (D)	(X) (X)	² 7,955 ² 32,105	9,049 30,965	3,034 12,592	(D) -	
22218 31 22628 31 22218 35 22628 35	Plain dyed and finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers or silk.....	94,399 112,143	72,278 103,072	90,342 138,345	22,305 (D)	(X) (X)	² 78,932 ² 44,871	57,941 42,430	74,972 47,717	(D) (D)	
22218 51 22628 51 22218 55 22628 55	Printed and finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers or silk.....	10,121 15,115	8,971 14,111	12,897 14,374	(D) (D)	(X) (X)	² 3,262 ² 5,460	2,706 5,209	4,024 6,590	(D) (D)	
22218 61 22628 61 22628 00	Other finished man-made fiber fabrics not bleached, dyed, or printed at the same establishment (flameproofed, mildew-proofed, mercerized, embossed, etc.)..... Finished man-made fiber and silk fabrics (excluding commission finishing), n.s.k....	(NA) (X)	(NA) (X)	18,896 379	- -	(X) (X)	(NA) (X)	(NA) (X)	6,633 1,995	(X) (X)	
22629 -- 22629 11 22629 15	Job or commission finishing of man-made fiber and silk broad-woven goods, total..... Bleached and white finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers or silk.....	² 2,396,543 105,455 263,740	² 2,372,514 105,937 261,390	¹ 276,850 7,358 20,977	- - -	382,917 (D) 126,051	² 1,84,855 ² 131,242 ² 121,208	² 180,908 150,696 117,347	¹ 189,520 6,366 9,851	3,790 - (D)	
22629 31 22629 35	Plain dyed and finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers or silk.....	956,949 614,334	956,793 591,408	97,341 73,696	- -	36,071 176,929	² 970,588 ² 407,388	950,320 403,150	88,416 35,398	(D) -	
22629 51 22629 55	Printed and finished: Rayon and/or acetate..... Other broad-woven fabrics of man-made fibers and silk.....	283,261 172,804	284,442 172,544	44,584 25,579	- -	(D) (D)	² 169,967 ² 94,462	157,840 101,555	25,865 12,099	- -	
22629 61 22629 00	Other commission finished man-made fiber fabrics not bleached, dyed, or printed at the same establishment (flameproofed, mildew-proofed, mercerized, embossed, etc.)..... Commission finishing of man-made fiber and silk broad-woven fabrics, n.s.k.....	15,740 (X)	15,695 (X)	1,676 5,639	- -	- (X)	20,419 (X)	20,419 (X)	2,217 9,308	- -	
22620 00	Finished man-made fiber and silk broad-woven fabrics, including commission receipts, not specified by kind.....	(X)	(X)	³ 3,294	-	(X)	(X)	(X)	³ 6,003	(X)	

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 fin. lin. yds.)	Value (\$1,000)	Quantity (1,000 fin. lin. yds.)	Value (\$1,000)
22690 -- 2281 pt.	FINISHED YARN, RAW STOCK, AND NARROW FABRICS EXCEPT KNIT AND WOOL (NOT SPUN, THROWN, WOVEN OR BRAIDED IN THIS ESTABLISHMENT), TOTAL....	(X)	216,706	(X)	159,941
22812 71 22690 12	Yarns bleached: Finished in plants with spinning facilities..... Finished from purchased yarns.....	22,619	20,994	{ 3,563 7,588	{ 3,146 8,455
22811 87 22690 21	Yarns dyed: Carded cotton: Finished in plants with spinning facilities..... Finished from purchased yarns.....				
22812 51 22690 23	Combed cotton: Finished in plants with spinning facilities..... Finished from purchased yarns.....	26,566	28,888	{ 10,108 18,565	{ 10,925 23,835
22813 43 22814 43 22690 25	Other fibers: Finished in plants with spinning facilities: Rayon and/or acetate spun yarns..... Other spun man-made fiber and silk yarns..... Finished from purchased yarns.....				
22812 61 22690 32	Yarns, mercerized cotton: Mercerized in plants with spinning facilities..... Mercerized from purchased yarns.....	31,704	42,570	{ 3,446 32,841	{ 4,524 46,529
22690 42 22690 61 22690 71 22690 00	Raw stock, bleached or dyed, except wool..... Printed plastic film..... Finished, braided, or woven narrow fabrics..... Finished textiles, other than broad-woven fabrics, n.s.k.....				

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹For fabrics finished on commission, the commission receipts are shown in the value of shipments column.

²Data exclude "other finished fabrics" and "finished fabrics not specified by kind." For 1958, census data are adjusted to information published in Current Industrial Reports Series M22S, "Cotton, Silk, and Man Made Fiber Woven Goods Finished." This report which was also issued for 1963 includes more detailed information by type of fabric and end-use. The comparable totals for 1963 as shown in the M22S report and this report are as follows:

Product	1963 Census of Manufactures	Survey M22S
	(1,000 finished linear yards)	
Finished cotton fabrics, bleached, dyed or printed, total.....	7,552,248	7,545,981
Bleached and white finished.....	3,245,408	3,301,529
Plain dyed and finished.....	2,639,844	2,575,430
Printed and finished.....	1,666,996	1,669,022
Finished man-made fiber and silk fabrics, bleached, dyed, or printed, total..	2,740,611	2,361,167
Bleached and white finished.....	481,485	360,274
Rayon and/or acetate.....	137,319	84,850
Other man-made fibers and silk.....	344,166	275,424
Plain dyed and finished.....	1,777,825	1,689,024
Rayon and/or acetate.....	1,051,348	1,078,345
Other man-made fibers and silk.....	726,477	610,679
Printed and finished.....	481,301	311,869
Rayon and/or acetate.....	293,382	185,422
Other man-made fibers and silk.....	187,919	126,447

³Includes value of finished fabrics, not specified by kind, or commission receipts, not specified by kind. For 1958, in industry 2261, product code 2261000, the figure includes \$44 million for plants included in industry 2261, Cotton Finishing Plants, although a post-tabulation review showed that a number of these plants should have been classified in industry 2262, Synthetic Finishing Plants, or in industry 2269, Finishing Plants, N.E.C.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
226--	Textile finishing except wool.....1963..	125	116
	.....1958..	106	104
2261- 22117	} Finished cotton broad woven fabrics (including commission receipts for job finishing) ¹.....1963..	103	122
		.....1958..	101
22617 22117	} Finished cotton broad woven fabrics (excluding commission finishing) ².....1963..	100	124
		.....1958..	93
22619	Job or commission finishing of cotton broad woven fabrics.....1963..	93	119
	.....1958..	99	111
2262- 22218	} Finished man-made fiber and silk broad woven fabrics (including commission receipts for job finishing).....1963..	172	108
		.....1958..	112
22628 22218	} Finished man-made fiber and silk broad woven fabrics (excluding commission finishing) ².....1963..	269	99
		.....1958..	141
22629	Job or commission finishing of man-made fiber and silk broad woven goods.....1963..	118	115
	.....1958..	93	101
2269- 2281pt.	} Finished yarn, raw stock, and narrow fabrics, except knit and wool ².....1963..	164	99
		.....1958..	117

¹Adjusted to include products not specified by kind.

²Indexes computed on a "wherever-made" basis, i.e. they reflect the finishing in weaving mills and plants with spinning facilities as well as in plants purchasing fabrics and yarns.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2261-22117	Finished cotton fabrics and finishing services.....\$1,000..	1,113,183	1,177,056	1,148,904	1,056,833	1,131,302	1,008,137	903,211	-
22117	Finished cotton broad woven fabrics (excluding commission finishing):								
22617	Quantity.....1,000 fin. lin. yds..	2,074,296	(NA)	(NA)	(NA)	(NA)	1,916,626	2,070,033	-
	Value.....\$1,000..	724,109	771,985	733,349	654,293	692,368	600,190	581,384	-
22619	Commission finishing of cotton broad woven fabrics:								
	Quantity.....1,000 fin. lin. yds..	4,194,153	(NA)	(NA)	(NA)	(NA)	4,288,769	(NA)	-
	Value.....\$1,000..	371,786	344,319	359,535	351,300	386,906	353,120	321,827	-
22610	Finishing cotton broad woven fabrics, n.s.k.....do....	17,288	60,752	56,020	51,240	52,028	54,827	-	-
2262-22218	Finished synthetic fabrics and finishing services.....do....	617,050	(458,361)	(415,921)	(406,881)	(407,814)	353,080	335,813	-
22218	Finished man-made fiber and silk broad woven fabrics (excluding commission finishing):								
22628	Quantity.....1,000 fin. lin. yds..	303,622	(NA)	(NA)	(NA)	(NA)	148,300	150,747	-
	Value.....\$1,000..	336,906	(229,535)	(206,406)	(195,788)	(194,935)	157,557	133,390	-
22629	Commission finishing of man-made fiber and silk broad woven fabrics:								
	Quantity.....1,000 fin. lin. yds..	2,372,514	(NA)	(NA)	(NA)	(NA)	1,880,908	(NA)	-
	Value.....\$1,000..	276,850	225,676	206,267	207,946	209,731	189,520	202,423	-
22620	Finishing man-made fiber and silk fabrics, n.s.k.....do....	3,294	3,150	3,248	3,147	3,138	6,003	(X)	-
22690	Finished yarn, raw stock and narrow fabrics except wool:								
	Value.....\$1,000..	160,596	146,991	136,895	138,400	142,434	² 133,183	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Excludes shipments of \$26,758 thousand from industry 2281, Yarn Mills, Except Wool.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
FINISHED COTTON BROAD WOVEN FABRICS EXCLUDING COMMISSION FINISHING (22217 and 22617)			COMMISSION FINISHING OF COTTON BROAD WOVEN FABRICS (22619)—Continued			COMMISSION FINISHING OF MAN-MADE FIBER AND SILK BROAD WOVEN GOODS (22629)—Continued		
United States, total....	724,109	600,190	North Central.....	4,508	2,923	Middle Atlantic.....	131,224	102,853
New England.....	45,989	73,989	Illinois.....	2,213	(Z)	New York.....	23,470	19,123
Massachusetts.....	32,747	55,173	South.....	257,583	220,631	New Jersey.....	96,830	75,647
Rhode Island.....	3,738	1,884	North Carolina.....	56,735	43,343	Pennsylvania.....	10,924	8,083
Middle Atlantic.....	16,456	17,245	South Carolina.....	135,234	127,620	South Atlantic.....	89,521	(²)
New York.....	10,053	(²)	Georgia.....	22,902	14,642	North Carolina.....	32,618	17,077
New Jersey.....	4,674	(²)	Alabama.....	18,592	(²)	South Carolina.....	32,903	16,340
Pennsylvania.....	1,729	(Z)	West.....	1,331	1,003	All other divisions.....	3,503	(²)
North Central.....	2,870	(Z)	FINISHED MAN-MADE FIBER AND SILK BROAD WOVEN FABRICS (EXCEPT COMMISSION FINISHING) (22218 and 22628)			FINISHED YARN RAW STOCK, AND NARROW FABRICS, EXCEPT KNIT AND WOOL (NOT SPUN, THROWN, WOVEN, OR BRAIDED IN THIS ESTABLISHMENT) (22690)		
South and West.....	658,794	(²)	United States, total....	336,906	157,557	United States, total...		160,596
North Carolina.....	173,787	131,630	New England.....	34,995	(²)	New England.....		24,396
South Carolina.....	207,951	140,784	Massachusetts.....	19,915	2,689	Middle Atlantic.....		35,478
Georgia.....	120,247	92,464	Middle Atlantic.....	40,130	(²)	New York.....		4,692
Alabama.....	37,979	24,966	Pennsylvania.....	27,628	34,506	New Jersey.....		13,815
COMMISSION FINISHING OF COTTON BROAD WOVEN FABRICS (22619)			North Central, South and West.....	261,781	(²)	Pennsylvania.....		16,971
United States, total....	371,786	353,120	North Carolina.....	152,232	65,261	East North Central.....		4,356
New England.....	61,266	81,017	South Carolina.....	49,988	29,631	South.....		91,720
New Hampshire.....	4,065	(²)	Georgia.....	16,908	(²)	North Carolina.....		51,555
Massachusetts.....	27,736	35,812	COMMISSION FINISHING OF MAN-MADE FIBER AND SILK BROAD WOVEN GOODS (22629)			Georgia.....		2,432
Rhode Island.....	24,641	31,818	United States, total....	276,850	189,520	Pacific.....		4,646
Middle Atlantic.....	47,098	47,546	New England.....	52,602	38,281	California.....		4,646
New York.....	15,367	16,135	Massachusetts.....	19,907	16,202			
New Jersey.....	20,756	20,830	Connecticut.....	16,197	10,155			
Pennsylvania.....	10,975	10,581						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22217 and 22617, Maine, New Hampshire, Connecticut, Missouri, Delaware, Virginia, Tennessee, Mississippi, and Texas; 22619, Connecticut, Ohio, Delaware, Maryland, Virginia, Kentucky, Tennessee, and Arkansas; 22218 and 22628, Rhode Island, Connecticut, Virginia, Tennessee, Alabama, and Texas; 22629, New Hampshire, Rhode Island, Maryland, Virginia, Georgia, Alabama, and California; 22690, Massachusetts, Rhode Island, Connecticut, Michigan, South Carolina, and Tennessee.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963

Code	Material	Unit of measure	1963	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2261.—FINISHING PLANTS, COTTON	
	Materials, containers, supplies, etc., total.....		(X)	494,653
220211	Purchased broad woven fabrics (piece goods) including transfers from other plants of the company.....	1,000 lin. yards.	1,334,214	316,311
281531	Dyes, lakes, and toners.....		(X)	86,152
970099	All other materials, containers, and supplies, etc.....		(X)	69,009
976000	Materials, containers, supplies, n.s.k.....		(X)	23,181
			INDUSTRY 2262.—FINISHING PLANTS, SYNTHETIC	
	Materials, containers, supplies, etc., total.....		(X)	133,493
220211	Purchased broad woven fabrics (piece goods) including transfers from other plants of the company.....	1,000 lin. yards.	60,349	32,337
281531	Dyes, lakes, and toners.....		(X)	56,452
970099	All other materials, containers, supplies, etc.....		(X)	35,115
976000	Materials, containers, supplies, n.s.k.....		(X)	9,589
			INDUSTRY 2269.—FINISHING PLANTS, N.E.C.	
	Materials, containers, and supplies, total.....		(X)	126,627
228015	Purchased yarn, all fibers, including transfers from other plants of the company.....	1,000 lbs.....	95,544	82,464
281531	Dyes, lakes, and toners.....		(X)	11,159
970099	All other materials, containers, and supplies consumed.....		(X)	21,908
976000	Materials, containers, supplies, n.s.k.....		(X)	11,096

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind..

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Finishing plants, cotton (SIC 2261)	Finishing plants, synthetic (SIC 2262)	Finishing plants, n.e.c. (SIC 2269)
Total cost of purchased fuels and electric energy.....\$1,000..	23,404	9,095	4,791
Total cost of purchased fuels.....do....	17,572	5,845	2,824
Bituminous coal, lignite, and anthracite:			
Quantity.....1,000 short tons..	788	190	60
Cost.....\$1,000..	6,358	1,475	448
Coke and breeze:			
Quantity.....1,000 short tons..	-	-	-
Cost.....\$1,000..	-	-	-
Fuel oil (distillate and residual):			
Quantity.....1,000 barrels of 42 gallons..	1,735	857	(S)
Cost.....\$1,000..	4,869	2,249	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):			
Quantity.....million cu. ft..	11,194	2,427	619
Cost.....\$1,000..	4,211	1,403	310
Other fuels.....do....	2,134	718	102
Electric energy:			
Purchased:			
Quantity.....million kw. hrs..	509	227	139
Cost.....\$1,000..	5,832	3,250	1,967
Generated less sold.....million kw. hrs..	249	23	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	352	108	59
Prime movers, total.....do....	108	9	4
Driving generators.....do....	100	7	3
Not driving generators.....do....	8	2	1
Electric motors, total.....do....	308	102	55
Driven by purchased energy.....do....	244	99	55
Driven by energy generated at establishment.....do....	64	3	-
Aggregate horsepower per 100 production workers.....	976	717	711

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: the standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2261-	FINISHING PLANTS, COTTON										
	Entire industry.....	238	42,055	190,532	35,537	74,856	146,817	332,290	536,868	869,746	29,273
	Establishments with—										
	90% or more specialization..	175	25,513	115,237	21,748	45,147	89,657	188,908	199,803	392,031	15,396
	75-89% specialization.....	15	5,697	26,264	4,632	9,940	18,960	39,613	47,817	86,331	5,203
22617	Finished cotton broad-woven fabrics (primary product class of estab.).....	30	7,308	31,359	6,299	13,616	24,818	87,097	341,832	428,374	10,219
	Establishments with—										
	90% or more specialization....	17	1,003	4,502	805	1,613	3,221	6,538	29,016	37,558	630
	75-89% specialization.....	6	1,626	7,770	1,386	2,874	5,779	16,259	39,996	55,944	1,709
22619	Commission finishing of cotton broad-woven fabrics (primary product class of estab.).....	137	33,765	154,594	28,393	59,518	118,378	236,448	181,805	419,186	18,039
	Establishments with—										
	90% or more specialization....	105	21,958	99,594	18,759	38,995	77,748	157,214	104,415	263,064	11,797
	75-89% specialization.....	10	3,610	16,578	2,954	6,233	12,224	22,435	16,154	38,335	2,944
2262-	FINISHING PLANTS, SYNTHETIC										
	Entire industry.....	205	19,528	105,975	16,222	36,524	81,391	176,819	151,086	323,701	13,890
	Establishments with—										
	90% or more specialization..	167	15,461	86,415	13,011	29,339	66,863	147,280	102,203	245,758	10,561
	75-89% specialization.....	14	2,525	12,037	1,923	4,158	8,576	20,955	16,730	37,093	2,360
22628	Finished man-made fiber and broad-woven fabrics (primary product class of estab.).....	10	1,409	7,150	1,026	2,288	4,325	10,160	48,313	58,793	1,389
	Establishments with—										
	90% or more specialization....	7	491	2,696	330	645	1,415	3,753	17,215	21,280	765
22629	Commission finishing of man-made fiber and silk broad-woven fabrics (primary product class of estab.).....	167	17,856	97,787	14,969	33,723	76,202	165,023	100,382	260,876	12,361
	Establishments with—										
	90% or more specialization....	138	14,405	80,601	12,239	27,720	63,358	136,162	79,373	211,620	9,417
	75-89% specialization.....	13	1,651	7,943	1,397	3,000	6,242	13,385	7,964	21,387	602
2269-	FINISHING PLANTS, N.E.C.										
	Entire industry.....	178	9,236	40,399	7,928	15,714	29,986	73,159	134,173	206,920	4,652

n.e.c. Not elsewhere classified.

FLOOR COVERING MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2271—Woven Carpets and Rugs

2272—Tufted Carpets and Rugs

2279—Carpets, Rugs, and Mats, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1-4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2271—WOVEN CARPETS AND RUGS

This industry comprises establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, chenille, and similar woven carpets and rugs; and woven automobile and aircraft coverings. For a detailed list of products of industry 2271, refer to table 6A, product codes 2271000 to 2271007.

Value of shipments and other receipts of the Woven Carpets and Rugs Industry in 1963 totaled \$312 million. This amount included shipments of woven carpets and rugs (primary products) valued at \$231 million, shipments of other products (secondary products) valued at \$69 million, and miscellaneous receipts, at \$12 million.

This industry's shipments of woven carpets and rugs in 1963 represented 77 percent of its total product shipments. The industry specialization ratio in 1958 was 87 percent. Secondary products shipped by this industry in 1963 consisted mainly of tufted carpets and rugs (\$25 million), and carpets, rugs, and mats, n.e.c. (\$21 million).

Shipments of woven carpets and rugs by this industry in 1963 represented 92 percent of all shipments of these products (\$251 million) by all industries. In 1958 the coverage ratio was 97 percent. Other carpet industries accounted for the remaining percent of these products.

The production index for the primary products of the industry decreased to 68 in 1963 from the 1958 level of 84. The unit-value index for 1963 was 107 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2272—TUFTED CARPETS AND RUGS

This industry comprises establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets except terry woven. Finishers of these products also are included in this industry. For a detailed list of products of industry 2272, refer to table 6A, product codes 2272001 to 2272005.

Value of shipments and other receipts of the Tufted Carpets and Rugs Industry in 1963 totaled \$802 million. This amount included shipments of tufted carpets and rugs (primary products) valued at \$750 million, shipments of other products (secondary products) valued at \$33 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$19 million.

This industry's shipments of tufted carpets and rugs in 1963 represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of woven carpets and rugs (\$18 million).

Shipments of tufted carpets and rugs by this industry in 1963 represented 96 percent of all shipments of these products (\$779 million) by all industries. In 1958 the coverage ratio was 93 percent.

The production index for the primary products of the industry increased to 572 in 1963 from the 1958 level of 246. The unit-value index for 1963 was 85 compared to 78 in 1958. Both indexes were computed on a basis of 1954 = 100.

2279—CARPETS, RUGS, AND MATS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, door mats and mattings from twisted paper, grasses, reeds, coir, sisal, jute, or rags. Establishments primarily engaged in manufacturing hard-surface floor coverings, except rubber and cork, are classified in industry 3982. For a detailed list of products of industry 2279, refer to table 6A, product codes 2279010 to 2279075.

Value of shipments and other receipts of the Carpets and Rugs, N.E.C. Industry in 1963 totaled \$30 million. This included shipments of carpets, rugs, and mats, n.e.c. (primary products) valued at \$24 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts, at \$3 million.

This industry's shipments of carpets, rugs, and mats, n.e.c., in 1963 represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was 78 percent.

Shipments of carpets, rugs, and mats, n.e.c., by this industry in 1963 represented 46 percent of all shipments of these products (\$52 million) by all industries. In 1958 the coverage ratio was 78 percent.

The production index for the primary products of the industry increased to 278 in 1963 from the 1958 level of 253. The unit-value index for 1963 was 94 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

COMPARISON WITH OTHER CENSUS PUBLICATIONS—

Table 6A shows quantity and value of shipments data collected on Census Forms M22L, M22L Supplement, and MA-22Q compared with information from the 1963 Census of

Manufactures. The figures shown on surveys MA-22Q and M22L are believed to reflect the current industry aggregates. A review of the reports filed for the census of manufactures indicates that a number of very small establishments were erroneously classified in the carpet and rug industries. However, these coding errors were not corrected since their inclusion does not significantly affect the industry totals. The remaining part of the discrepancy in the data is due to reporting differences for individual plants furnishing data in both surveys and, in some instances, due to the fact that some reports are on a fiscal-year basis.

FLOOR COVERING MILLS: SIC 227 Value Added by Manufacture by State: 1963

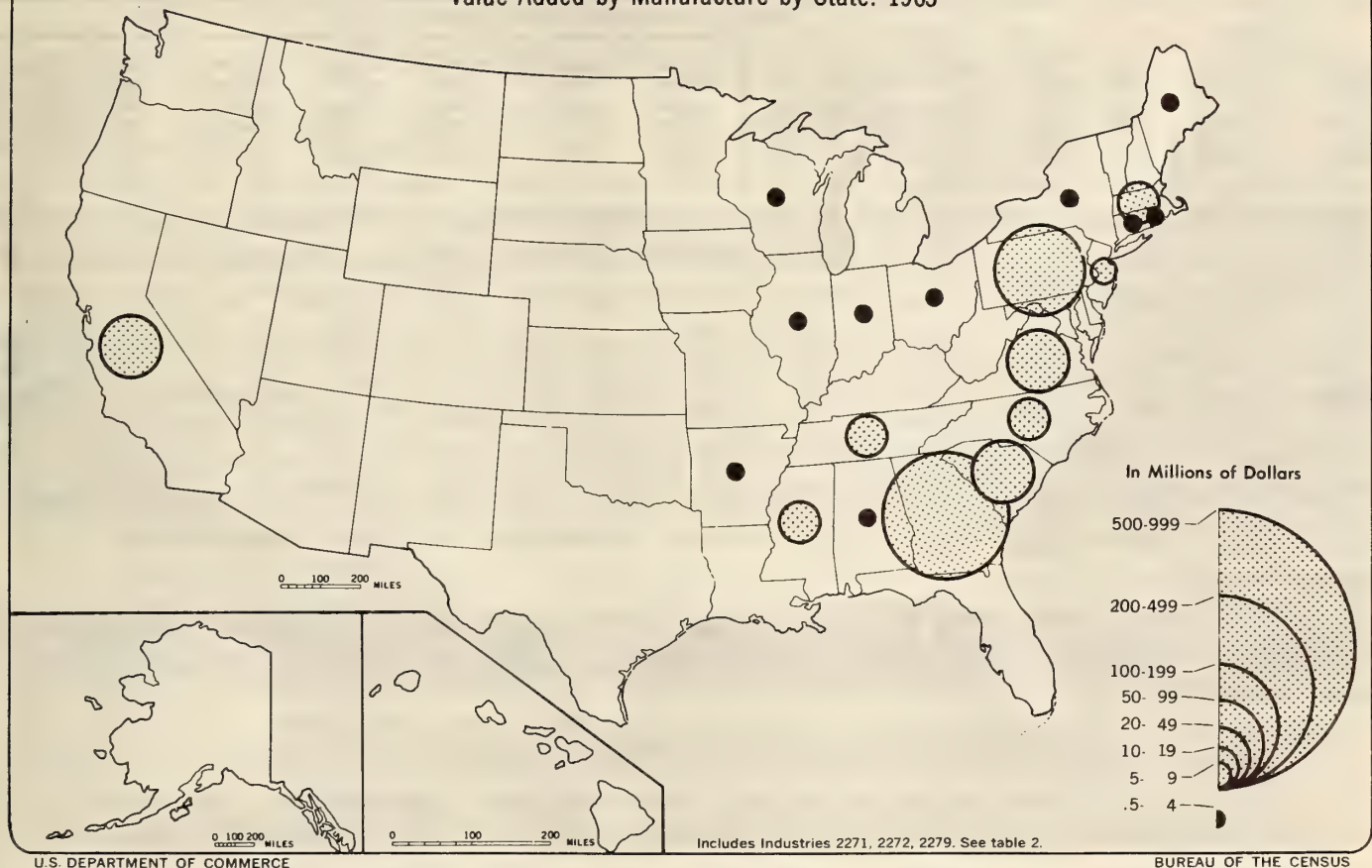


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2271.—WOVEN CARPETS AND RUGS													
1963.....	56	64	31	13,357	63,018	11,013	23,443	47,042	120,004	192,991	312,473	4,151	77	92
1962 ¹	(NA)	(NA)	(NA)	14,476	64,991	11,592	24,105	47,928	129,788	196,546	328,271	4,729	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	16,410	69,660	13,328	26,944	51,405	141,066	192,527	335,389	7,701	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	18,404	76,294	15,073	29,992	58,157	158,712	218,399	377,345	6,971	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	19,746	84,920	16,040	34,272	64,901	189,783	226,928	409,578	6,097	(NA)	(NA)
1958 ²	60	69	47	18,151	74,395	14,969	30,267	55,053	128,444	196,217	335,536	5,854	87	97
	INDUSTRY 2272.—TUFTED CARPETS AND RUGS													
1963.....	167	181	121	19,854	80,470	17,188	36,359	61,312	259,343	551,826	801,804	11,512	96	96
1962 ¹	(X)	(NA)	(NA)	17,528	70,724	14,652	32,072	51,576	248,733	558,767	791,896	11,897	(NA)	(NA)
1961 ¹	(X)	(NA)	(NA)	14,937	55,069	12,327	26,082	39,366	182,931	375,503	549,886	10,245	(NA)	(NA)
1960 ¹	(X)	(NA)	(NA)	13,272	46,630	11,320	23,548	34,261	147,132	297,874	436,934	6,920	(NA)	(NA)
1959 ¹	(X)	(NA)	(NA)	12,487	41,476	10,688	21,454	30,776	125,479	247,448	364,354	6,639	(NA)	(NA)
1958 ²	88	92	72	11,528	36,313	9,880	19,532	26,936	108,846	209,183	317,639	8,007	94	93
	INDUSTRY 2279.—CARPETS AND RUGS, N.E.C.													
1963.....	103	104	35	2,445	8,878	2,145	4,068	6,815	15,595	14,262	29,585	462	89	46
1962 ¹	(NA)	(NA)	(NA)	2,841	9,490	2,445	4,907	6,703	16,067	18,359	35,169	(NA)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	2,893	9,786	2,501	4,852	6,745	16,013	23,493	39,841	(NA)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	3,577	11,388	3,118	5,892	8,433	17,957	25,506	43,515	(NA)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	3,485	11,354	3,031	6,095	8,575	20,978	25,570	46,599	(NA)	(NA)	(NA)
1958 ²	121	121	53	3,989	12,561	3,520	6,835	10,068	23,176	30,671	54,533	666	78	78

EXPLANATION OF TERMS: A company is defined to include all manufacturing establishments owned by the company, plus all manufacturing establishments of subsidiaries or affiliates over which the company has acknowledged control. A company is counted once in an industry in which it has one or more establishments, but may also be counted in other industries where it operates establishments. Consequently, company counts for two or more industries may contain duplication. The all employees figure represents the average of the number of production workers for the payroll period ended nearest the 15th of March, May, August, and November, plus all other employees for the payroll period ended nearest the 15th of March. The production worker figure is based on employment for the payroll period ended nearest the 15th of March, May, August, and November. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Cost of materials includes cost of products bought for resale without further manufacture, processing or assembly. Value of shipments includes shipments of products bought for resale without further manufacture, processing, or assembly. Capital expenditures includes expenditures for plants under construction but not in operation. The primary product specialization ratio measures the extent to which establishments classified in the industry are engaged in making products regarded as primary to the specified industry. In calculating this measure of specialization, value of shipments of primary products of establishments classified in the industry is expressed as a ratio to the total shipments of all products (primary plus secondary) made by these establishments (excluding miscellaneous receipts such as receipts for contract and commission work on materials owned by others, scrap, and salable refuse, repair work, etc.). Also see tables 5A and 5B. The coverage ratio measures the extent to which all shipments of primary products of an industry are made by establishments classified in the industry. That is, value of shipments of primary products made by establishments in the industry, is expressed as a ratio to the total shipments of primary products by all manufacturing establishments, both in and out of the specified industry. Also see tables 5A and 5B. See Appendix A for a more detailed explanation of terms.

(NA) Not available.

(X) Not applicable.

¹The figures for 1959-1962 represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that comparable data for prior years are not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2271.—WOVEN CARPETS AND RUGS													
Total.....	64	31	13,357	63,018	11,013	23,443	47,042	120,004	192,991	312,473	4,151	18,151	128,444
Northeast and North Central.....	33	22	7,494	37,180	5,904	11,984	25,762	48,916	83,506	134,827	2,207	12,896	77,636
Pennsylvania.....	12	9	3,083	15,153	2,591	5,185	11,122	24,073	37,617	62,352	1,086	4,256	34,255
South.....	23	8	5,810	25,612	5,064	11,370	21,142	70,200	108,767	176,097	1,870	5,119	50,101
Pacific.....	8	1	53	226	45	89	138	888	718	1,549	74	136	707
California.....	8	1	53	226	45	89	138	888	718	1,549	74	136	707
INDUSTRY 2272.—TUFTED CARPETS AND RUGS													
Total.....	181	121	19,854	80,470	17,188	36,359	61,312	259,343	551,826	801,804	11,512	11,528	108,846
Northeast and North Central.....	20	10	2,337	11,406	2,108	4,454	9,375	34,861	65,693	98,966	1,450	1,204	10,054
Pennsylvania.....	8	5	1,518	7,591	1,394	2,982	6,510	27,136	50,748	76,419	1,088	(²)	(²)
South.....	130	93	16,091	61,799	13,980	29,742	47,166	203,163	447,263	642,837	9,251	9,569	92,030
South Carolina.....	5	4	1,587	6,581	1,313	2,845	4,856	23,822	56,660	78,654	1,363	(²)	(²)
Georgia.....	101	75	12,260	47,291	10,710	22,935	36,355	159,267	349,825	503,605	5,886	7,548	69,237
Pacific.....	31	18	1,426	7,265	1,100	2,163	4,771	21,319	38,870	60,001	811	755	6,762
California.....	31	18	1,426	7,265	1,100	2,163	4,771	21,319	38,870	60,001	811	755	6,762
INDUSTRY 2279.—CARPETS AND RUGS, N.E.C.													
Total.....	104	35	2,445	8,878	2,145	4,068	6,815	15,595	14,262	29,585	462	3,989	23,176
New England.....	25	14	667	2,029	583	1,123	1,622	3,599	3,662	7,175	57	804	3,898
Rhode Island.....	14	9	415	1,344	377	730	1,070	2,237	2,514	4,807	43	423	1,906
Middle Atlantic.....	25	6	363	1,519	338	623	1,238	2,425	2,251	4,665	65	1,692	11,259
Pennsylvania.....	15	4	249	947	237	449	892	1,592	1,446	3,017	37	(²)	(²)
North Central.....	8	4	458	2,213	374	735	1,419	3,704	3,363	6,961	241	374	1,909
South.....	28	6	639	1,910	567	1,014	1,555	3,687	3,702	7,332	31	954	5,299
North Carolina....	18	3	412	1,057	365	588	840	2,037	1,384	3,430	13	402	1,754
West.....	18	5	318	1,207	283	573	981	2,180	1,284	3,452	68	165	811

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2271, Woven Carpets and Rugs: New England—Maine, 1 (20-99); New Hampshire, 2 (20-99); Massachusetts, 8 (1,078); Connecticut, 1 (500-999); Middle Atlantic—New York, 3 (1,410); New Jersey, 2 (100-249); East North Central—Illinois, 1 (500-999); Michigan, 2 (1-19); Wisconsin, 1 (100-249); South Atlantic—Virginia, 1 (1,000-2,499); North Carolina, 6 (1,480); South Carolina, 6 (500-999); Georgia, 8 (20-99); East South Central—Mississippi, 2 (1,000-2,499);

SIC 2272, Tufted Carpets and Rugs: New England—Massachusetts, 2 (250-499); Rhode Island, 2 (1-19); Middle Atlantic—New York, 3 (20-99); New Jersey, 2 (250-499); East North Central—Ohio, 1 (1-19); Indiana, 2 (100-249); South Atlantic—Virginia, 1 (250-499); North Carolina, 3 (1-19); Florida, 1 (1-19); East South Central—Kentucky, 1 (1-19); Tennessee, 13 (500-999); Alabama, 2 (500-999); West South Central—Arkansas, 2 (500-999); Texas, 1 (1-19);

SIC 2279, Carpets and Rugs, N.E.C.: New England—Maine, 3 (20-99); Massachusetts, 8 (100-249); Middle Atlantic—New York, 7 (20-99); New Jersey, 3 (20-99); East North Central—Ohio, 4 (20-99); Illinois, 1 (20-99); Wisconsin, 2 (250-499); West North Central—Minnesota, 1 (1-19); South Atlantic—South Carolina, 2 (20-99); Georgia, 7 (192); East South Central—Tennessee, 1 (1-19); West—Mountain—Utah, 1 (1-19); Pacific—California, 16 (250-499); Hawaii, 1 (20-99).

²This State was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Woven carpets and rugs (SIC 2271)	Tufted carpets and rugs (SIC 2272)	Carpets and rugs, n.e.c. (SIC 2279)
Primary product specialization ratio ¹.....	.77	.96	.89
Coverage ratio ².....	.92	.96	.46
Establishments, total.....number..	64	181	104
With 1 to 19 employees.....do....	33	60	69
With 20-99 employees.....do....	10	63	31
With 100 or more employees.....do....	21	58	4
Proprietors and working partners.....do....	27	48	66
All employees (average for the year).....do....	13,357	19,854	2,445
Payroll (all employees), total for year.....\$1,000..	63,018	80,470	8,878
Production workers:			
Average for the year.....number..	11,013	17,188	2,145
March.....do....	11,130	16,104	2,268
May.....do....	11,015	16,688	2,079
August.....do....	11,095	17,300	2,065
November.....do....	10,812	18,660	2,168
Man-hours.....1,000..	23,443	36,359	4,068
January-March.....do....	5,963	8,792	1,107
April-June.....do....	6,213	8,756	972
July-September.....do....	5,394	8,878	947
October-December.....do....	5,873	9,933	1,042
Wages.....\$1,000..	47,042	61,312	6,815
Cost of materials, etc., total.....do....	192,991	551,826	14,262
Materials, parts, containers, and supplies consumed.....do....	177,158	522,607	12,815
Cost of resales.....do....	6,074	6,505	687
Fuels consumed.....do....	1,831	3,600	159
Electric energy:			
Purchased:			
Quantity.....million kw.-hrs..	147	170	7
Cost.....\$1,000..	1,536	2,165	152
Generated less sold.....million kw.-hrs..	(D)	(D)	(D)
Contract work.....\$1,000..	6,392	16,949	449
Value of shipments (including resales), total.....do....	312,473	801,804	29,585
Value of resales.....do....	6,541	7,789	886
Value added by manufacture, adjusted.....do....	120,004	259,343	15,595
Manufacturers' inventories:			
Beginning of year, total.....do....	83,156	106,090	3,883
Finished products.....do....	33,225	46,000	1,109
Work-in-process.....do....	27,544	23,688	838
Materials, supplies, fuel, etc.....do....	22,387	36,402	1,936
End of year, total.....do....	84,831	116,256	3,904
Finished products.....do....	32,683	54,314	1,299
Work-in-process.....do....	28,608	24,739	920
Materials, supplies, fuel, etc.....do....	23,540	37,203	1,685
Expenditures for plant and equipment, total.....do....	5,160	12,517	483
New, total.....do....	4,151	11,512	462
New structures and additions to plant.....do....	533	2,796	59
New machinery and equipment.....do....	3,618	8,716	403
Used plant and equipment.....do....	1,009	1,005	21
Selected operating ratios:			
Payroll/Total employment.....	4,718	4,053	3,631
Production workers/Total employment.....	.82	.87	.88
Man-hours/Production workers.....	2,129	2,115	1,897
Production worker wages/Man-hours.....	2.01	1.69	1.68
Cost of materials and payrolls/Total value of shipments.....	.82	.79	.78
Cost of materials/Total value of shipments.....	.62	.69	.48
Adjusted value added/Total employment.....	8,984	13,063	6,378
Salaries and wages/Adjusted value added.....	.53	.31	.57

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See table 1, Explanation of terms, for primary product specialization and coverage ratios.

(D) Withheld to avoid disclosing figures for individual companies.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2271.—WOVEN CARPETS AND RUGS											
Establishments.....number..	64	16	10	7	7	3	8	5	4	4	-
All employees:											
Total.....do....	13,357	17	65	92	220	203	1,309	1,782	3,074	6,595	-
Payroll.....\$1,000..	63,018	67	227	335	834	974	6,403	7,843	14,835	31,500	-
Value added, adjusted.....do....	120,004	127	310	1,120	1,825	3,024	12,959	18,743	22,628	59,268	-
Value of shipments.....do....	312,473	292	652	2,063	5,268	7,523	27,761	61,642	65,003	142,269	-
Capital expenditures, new...do....	4,151	13	30	63	299	-	802	323	526	2,095	-
INDUSTRY 2272.—TUFTED CARPETS AND RUGS											
Establishments.....number..	181	23	19	18	34	29	35	15	7	1	-
All employees:											
Total.....do....	19,854	37	119	252	1,097	2,111	5,115	5,261	5,862	(D)	-
Payroll.....\$1,000..	80,470	183	448	1,057	4,696	8,216	19,616	21,649	24,605	(D)	-
Value added, adjusted.....do....	259,343	430	1,214	2,451	14,982	29,988	50,334	74,430	85,514	(D)	-
Value of shipments.....do....	801,804	1,238	4,065	7,633	50,135	97,864	171,468	221,168	248,233	(D)	-
Capital expenditures, new...do....	11,512	49	83	147	796	792	2,498	4,277	2,870	(D)	-
INDUSTRY 2279.—CARPETS AND RUGS, N.E.C.											
Establishments.....number..	104	41	16	12	20	11	3	1	-	-	-
All employees:											
Total.....do....	2,445	77	106	175	616	762	709	(D)	-	-	-
Payroll.....\$1,000..	8,878	206	296	712	2,173	2,814	2,677	(D)	-	-	-
Value added, adjusted.....do....	15,595	363	474	1,150	3,872	4,963	4,773	(D)	-	-	-
Value of shipments.....do....	29,585	887	1,109	1,876	6,972	9,902	8,839	(D)	-	-	-
Capital expenditures, new...do....	462	15	18	19	96	314	(D)	-	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(Col. B) (\$1,000)	(Col. C) (\$1,000)	(Col. D) (\$1,000)	(Col. E) (\$1,000)	(Col. F) Col. B+C (percent)	(Col. G) (\$1,000)	(Col. H) (\$1,000)	(Col. I) (\$1,000)	(Col. J) Col. F (percent)
		A	B	C	D	E	F	G	H	I
2271	Woven carpets and rugs.....1963..	312,473	230,830	69,363	12,280	77	250,853	230,830	20,023	92
	.....1958..	335,536	288,620	42,067	4,849	87	297,848	288,620	9,228	97
2272	Tufted carpets and rugs.....1963..	801,804	750,262	32,917	18,625	96	779,083	750,262	28,821	96
	.....1958..	317,639	297,261	18,735	1,643	94	319,850	297,261	22,589	93
2279	Carpets and rugs, n.e.c.....1963..	29,585	23,857	2,962	2,766	89	51,767	23,857	27,910	46
	.....1958..	54,533	38,179	10,981	5,373	78	48,777	38,179	10,598	78

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Product class code	Class of products and miscellaneous receipts	All industries	Woven carpets and rugs (SIC 2271)	Tufted carpets and rugs (SIC 2272)	Carpets and rugs, n.e.c. (SIC 2279)	Other industries
	Total shipments and receipts of the industry.....	(X)	312,473	801,804	29,585	(X)
227	Carpets and rugs, total.....	1,081,703	276,230	769,891	24,454	11,128
22711	Woven carpets and rugs, chiefly wool pile yarns.....	210,066	194,579	(D)	(D)	(D)
22712	Woven carpets and rugs, chiefly cotton or man-made fiber yarns.....	39,727	35,233	(D)	-	(D)
22710	Woven carpets and rugs, not specified by kind.....	1,060	(D)	(D)	-	(D)
22720	Tufted carpets and rugs.....	779,083	24,652	750,262	(D)	(D)
22790	Carpets, rugs, and mats, n.e.c.....	51,767	(D)	(D)	23,857	5,548
	Other products.....	(X)	23,963	13,288	2,365	(X)
22814	Man-made fiber spun yarns except rayon and/or acetate.....	(X)	(D)	(D)	-	(X)
22832	Wool carpet weaving and tufting yarns.....	(X)	18,896	(D)	-	(X)
23926	Bed spreads and bed sets.....	(X)	-	5,703	-	(X)
	Other products.....	(X)	(D)	(D)	2,365	(X)
	Miscellaneous receipts.....	(X)	12,280	18,625	2,766	(X)
93000	Receipts for contract and commission work.....	(X)	4,964	10,073	1,578	(X)
99989	Products bought and resold without further manufacture.....	(X)	6,541	7,789	886	(X)
	Other receipts.....	(X)	775	763	302	(X)

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(X) Not applicable.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958**

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 sq. yds.)	Value (\$1,000)	Quantity (1,000 sq. yds.)	Value (\$1,000)
2271- --	WOVEN CARPETS AND RUGS, TOTAL.....	43,614	250,853	¹ 53,089	297,848
22711 01	Woven carpets and rugs, pile yarns all wool or wool mixtures, chiefly wool	33,638	210,066	46,272	266,835
22712 01	Woven carpets and rugs, chiefly cotton or man-made fiber pile yarns.....	9,792	39,727	6,817	31,013
22710 00	Woven carpets and rugs, not specified by kind.....	² 184	1,060	(X)	(X)
	Woven carpets and rugs, total as reported on Census Annual Form MA-22Q ³	42,485	246,342	(X)	(X)
22710 01	Axminster.....	9,434	38,947	(X)	(X)
22710 03	Wilton.....	10,005	66,752	(X)	(X)
22710 05	Velvet.....	20,977	128,258	(X)	(X)
22710 07	Other woven (chenille, etc.).....	2,069	12,385	(X)	(X)
2272- --	TUFTED CARPETS AND RUGS:				
	Total as reported in the Census of Manufactures.....	264,666	779,083	} 113,648	} 4319,850
	Total as reported on Census Form M22L.....	262,985	779,487		
22720 01	Bathmats, throw rugs, and others 4' x 6' or smaller.....	52,432	98,191	} 105,765	} 303,364
22720 03	Roll goods and rugs larger than 4' x 6' except automobile and aircraft carpeting.....	176,362	615,643		
22720 05	Automobile and aircraft carpeting.....	34,191	65,653	6,508	12,540
	Tufted carpets and rugs, n.s.k.....	-	-	³ 1,375	3,946
2279- --	KNITTED, BRAIDED, HOOKED, AND OTHER CARPETS AND RUGS, EXCEPT WOVEN OR TUFTED:				
	Total as reported in Census of Manufactures.....	14,796	51,767	(NA)	48,777
	Total as reported on Census Annual Form MA-22Q ³	14,019	48,607	(X)	(X)
22790 10	Knitted carpets and rugs.....	6,485	28,930	4,483	⁵ 24,412
	Other carpets and rugs:				
22790 41	Braided.....	4,282	13,332	} (NA)	} ⁵ 24,365
22790 73	Hooked.....	11	326		
22790 75	Other textile rugs (woven paper yarn, coconut fiber, etc.).....	3,241	6,019		

- Represents zero. (NA) Not available. n.s.k. Not specified by kind.

(X) Not applicable.

¹Data for 1958 have been revised to include the estimated quantity for carpets and rugs not specified by kind. The value of shipments for such carpets and rugs was \$3,330 thousand. The products for which separate data were collected in 1958 are not completely comparable to the 1963 data. The detailed 1958 data are available in the census of manufactures report for that year.

²Quantity data estimated based on the industry unit value relationship reported for other products.

³The reasons for the difference between the totals from the census and the totals from Annual Form MA-22Q are discussed in the text.

⁴Data for 1958 are from the 1958 Census of Manufactures. The 1958 data were not collected on a basis completely comparable with the 1963 information. More detailed 1958 data are shown in the Census report for that year.

⁵In 1958, "Knitted and other carpets and rugs, not specified by kind" amounted to \$7,598 thousand. The entire amount has been included with "Other carpets and rugs" although it is likely that some part of this amount represented knitted carpeting.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for the Primary Products, Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
227	Floor covering mills products.....1963..	302	91
	.....1958..	133	94
2271	Woven carpets and rugs ¹.....1963..	68	107
	.....1958..	84	102
22711	Woven carpets and rugs, chiefly wool.....1963..	60	107
	.....1958..	83	97
22712	Woven carpets and rugs, chiefly cotton or man-made fiber pile yarns.....1963..	143	131
	.....1958..	101	146
2272	Tufted carpets and rugs.....1963..	572	85
	.....1958..	246	78
2279	Knitted, braided, hooked, and other carpets and rugs, except woven or tufted.....1963..	278	94
	.....1958..	253	97

¹Adjusted to include woven carpets and rugs, not specified by kind, which have not been included below.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1958 to 1963

Code	Product class	1963	1962	1961	1960	1959	1958
2271-	Woven carpets and rugs:						
	Quantity..... 1,000 sq.yds..	43,614	(NA)	(NA)	(NA)	(NA)	¹ 53,089
	Value.....\$1,000..	250,853	272,010	283,304	311,433	349,383	¹ 297,848
22711	Woven carpets and rugs:						
	Chiefly wool pile yarns:						
	Quantity.....1,000 sq.yds..	33,638	(NA)	(NA)	(NA)	(NA)	¹ 46,272
	Value ².....\$1,000..	210,066	235,939	252,412	284,423	319,440	¹ 266,835
22712	Chiefly cotton or man-made fiber yarns:						
	Quantity.....1,000 sq.yds..	9,792	(NA)	(NA)	(NA)	(NA)	¹ 6,817
	Value ².....\$1,000..	39,727	36,071	30,892	(S)	(S)	¹ 31,013
22710	Woven carpets and rugs, n.s.k.:						
	Quantity.....1,000 sq.yds..	184	(NA)	(NA)	(NA)	(NA)	(¹)
	Value ².....\$1,000..	1,060	(NA)	(NA)	(NA)	(NA)	(¹)
22720	Tufted carpets and rugs:						
	As reported on Census Annual Form MA-100, Annual Survey of Manufactures:						
	Value.....\$1,000..	779,083	(738,125)	550,355	452,948	373,680	³ 319,850
	As reported on Census Form M22L, Tufted Textile Products:						
	Quantity.....1,000 sq.yds..	262,985	224,822	178,625	151,984	132,523	³ 113,648
	Value.....\$1,000..	779,487	656,593	525,632	458,663	384,405	³ 319,850
	Bathmats, throw-rugs, and other 4' - 6' or smaller:						
	Quantity.....1,000 sq.yds..	52,432	48,569	44,530	38,220	36,416	(⁴)
	Value.....\$1,000..	98,191	93,030	85,970	76,091	69,827	(⁴)
	Roll goods and rugs larger than 4' - 6' except automobile and aircraft carpeting:						
	Quantity.....1,000 sq.yds..	176,362	145,816	134,095	113,764	96,107	⁴ 105,765
	Value.....\$1,000..	615,643	505,117	439,662	382,572	314,578	⁴ 303,364
	Automobile and aircraft carpeting:						
	Quantity.....1,000 sq.yds..	34,191	30,437	(NA)	(NA)	(NA)	6,508
	Value.....\$1,000..	65,653	58,446	(NA)	(NA)	(NA)	12,540
22790	Carpets and rugs, n.e.c.:						
	Quantity.....1,000 sq.yds..	14,796	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	51,767	44,185	47,510	53,732	58,926	48,777

Note: The figures for 1959-1962 represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data. Thus, at the individual industry level, these estimates may be of limited reliability. However, they may be combined with other industry totals into broader aggregates which are of acceptable reliability.

(NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards either on the basis of the associated standard error of estimate or on the basis on a consistency review.

¹Data for 1958 have been revised to include the estimated quantity for carpets and rugs, not specified by kind. The value of shipments for such carpets and rugs was \$3,330 thousand.

²For 1959-1962, the value of shipments for product class code 22710 has been distributed to product class codes 22711 and 22712.

³Data for 1958 are from the 1958 Census of Manufactures. The 1958 data were not collected on a basis completely comparable with the 1963 information. More detailed 1958 data are shown in the census report for that year. The totals shown for 1958 include \$3,943 thousand for tufted textile carpets, n.s.k., for which a quantity of 1,375 thousand square yards has been estimated based on the unit value relationship reported for other tufted carpets.

⁴For 1958 data for bathmats, throw-rugs, and other 4' - 6' or smaller are included with roll goods and rugs larger than 4' - 6'.

TABLE 7A. Materials by Kind: 1963

(1,000 lbs.)

Type of yarn or fabric	Type of carpeting					
	Woven carpets and carpeting	Knitted carpets and carpeting	Tufted carpets and rugs			
			Total	Bathmats and other rugs 4 ft. x 6 ft. or smaller	Roll goods and rugs larger than 4 ft. x 6 ft. except automobile and aircraft carpeting	Automobile and aircraft carpeting
Yarn and fabric, total.....	158,979	19,723	596,824	88,684	418,541	89,599
Face yarns, total.....	92,859	11,279	359,905	60,414	251,445	48,046
Cotton.....	(D)	-	35,849	26,002	9,847	-
Rayon and/or acetate.....	(D)	(D)	97,298	27,197	24,848	45,253
Wool and chiefly wool.....	79,965	5,317	67,126	233	66,893	-
Nylon, filament.....	4,279	(D)	95,093	1,109	(D)	(D)
Nylon, spun.....	3,793	-	32,766	4,334	(D)	(D)
Acrylic and modacrylic.....	2,397	5,608	26,448	1,524	24,924	-
Polypropylene and other yarns.....	(D)	-	5,325	15	5,310	-
Yarns and fabric for backing, total.....	66,120	8,444	236,919	28,270	167,096	41,553
Tufting backing.....	(X)	(X)	197,427	28,270	(D)	(D)
Cotton.....	18,353	3,047	29,502	24,917	4,585	-
Jute.....	31,750	4,134	167,700	(D)	(D)	(D)
Paper.....	14,395	789	-	-	-	-
Other backing.....	1,622	474	225	(D)	(D)	(D)
Secondary backing.....	(X)	(X)	39,492	-	(D)	(D)

Source: Current Industrial Reports Series M22Q, Rugs, Carpets, and Carpeting released on July 30, 1965.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Woven carpets and rugs (SIC 2271)	Tufted carpets and rugs (SIC 2272)	Carpets and rugs, n.e.c. (SIC 2279)
Total cost of purchased fuels and electric energy.....\$1,000..	3,768	4,493	524
Total cost of purchased fuels.....do....	2,193	2,754	314
Bituminous coal, lignite, and anthracite:			
Quantity.....1,000 short tons..	105	38	5
Cost.....\$1,000..	880	320	53
Coke and breeze:			
Quantity.....1,000 short tons..	-	-	-
Cost.....\$1,000..	-	-	-
Fuel oil (distillate and residual):			
Quantity.....1,000 barrels of 42 gallons..	316	218	(S)
Cost.....\$1,000..	901	793	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):			
Quantity.....million cu. ft..	698	2,715	(S)
Cost.....\$1,000..	278	1,346	(S)
Other fuels.....do....	134	295	(S)
Electric energy:			
Purchased:			
Quantity.....million kw. hrs..	150	142	(S)
Cost.....\$1,000..	1,575	1,739	(S)
Generated less sold.....million kw. hrs..	22	(S)	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy, (December 31, 1962) total.....1,000 hp..	76	65	-
Prime movers, total.....do....	29	14	-
Driving generators.....do....	22	2	-
Not driving generators.....do....	7	12	-
Electric motors, total.....do....	57	53	-
Driven by purchased energy.....do....	47	51	-
Driven by energy generated at establishment.....do....	10	2	-
Aggregate horsepower per 100 production workers.....	656	444	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7 and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

-Represents zero.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); cost of fuel less than \$50 thousand; quantity of electric energy less than 5 million kw.-hrs.; to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

YARN AND THREAD MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2281—Yarn Spinning Mills, Cotton, Man-Made Fibers, and Silk

2282—Yarn Throwing, Twisting, and Winding Mills, Cotton, Man-Made Fibers, and Silk

2283—Yarn Mills, Wool, Including Carpet and Rug Yarn

2284—Thread Mills

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2281—YARN SPINNING MILLS, COTTON, MAN-MADE FIBERS, AND SILK

This industry comprises establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, man-made fiber staple or silk staple. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269, Finishing Plants, N.E.C. For a detailed list of products of industry 2281, refer to table 6A, product codes 2281110 to 2281443.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of Yarn Mills, Except Wool, Industry totaled \$1,067 million. This amount included shipments of spun cotton, man-made fibers, and silk yarns (primary products) valued at \$986 million, shipments of other products (secondary products) valued at \$39 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$42 million.

This industry's shipments of spun yarns, except wool represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of wool yarns, except carpet (\$11 million), and cotton broad-woven fabrics (\$4 million).

Cotton, man-made fiber, and silk yarns are defined as primary to industry 2281. Most of these yarns are shipped in the gray, although a portion of such yarns is finished at the spinning mills and sold as finished yarn. These yarns are also defined as primary to this industry. Where such yarns are finished at finishing plants from purchased gray yarn or on commission from yarns owned by others, they are defined as primary to industry 2269, Finishing Plants, N.E.C. The total value of such gray and finished yarns shipped by establishments classified in other than industry 2269 in 1963 amounted to \$1,184 million. Shipments from establishments classified in industry 2281 amounted to \$986 million and represented 83 percent (coverage ratio) of the total of such products shipped. The coverage ratio computed on the basis of both primary industries (2269 and 2281) was 92 percent.

To the extent that finished yarns are made from gray purchased yarns, the product shipments by product class and in total contain some duplication. The amount of such duplication for all spun yarns, except wool, is approximately 8 percent. Approximately 70 percent of finished yarns were made from purchased gray yarns and shipped by establishments classified in industry 2269, Finishing Plants, N.E.C.

The production index for the primary products of the industry increased to 169 in 1963 from the 1958 level of 121. The unit value index for 1963 was 90 compared to 97 in 1958. Both indexes were computed on a basis of 1954 = 100.

2282—YARN THROWING, TWISTING, AND WINDING MILLS, COTTON, MAN-MADE FIBERS, AND SILK

This industry comprises establishments primarily engaged in throwing, twisting, winding, or spooling yarn wholly or chiefly by weight of cotton, man-made fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2269, Finishing Plants, N.E.C. For a detailed list of products of industry 2282, refer to table 6A, product codes 2282121 to 2282951.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Throwing and Winding Mills totaled \$319 million. This amount included shipments of thrown and textured yarn, including commission receipts for such operations (primary products) valued at \$287 million, shipments of other products (secondary products) valued at \$16 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$16 million.

This industry's shipments of thrown and textured yarn, including commission receipts, represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was also 95 percent.

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 69 percent of the total industry shipments are represented by plants specializing in product class 22821, thrown filament yarns, including textured yarn, 21 percent in product class 22822, rewound, plied, etc., yarns not spun or thrown at the same establishments; and 8 percent in product class 22829, commission throwing, plying, etc., of yarns owned by others.

Shipments of rewound, plied, etc., yarns, other than wool, including commission receipts by this industry represented 87 percent of all shipments of these products (\$331 million)

by all industries. In 1958 the coverage ratio was 77 percent. Other industries shipping these products consisted mainly of industry 2221, Weaving Mills, Synthetics, \$20 million.

The production index for the primary products of the industry increased to 186 in 1963 from the 1958 level of 130. The unit value index for 1963 was 111 compared to 96 in 1958. Both indexes were computed on a basis of 1954 = 100.

2283—YARN MILLS, WOOL, INCLUDING CARPET AND RUG YARN

This industry comprises establishments primarily engaged in spinning, twisting, winding, or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased yarn or finishing yarn on a commission basis are classified in industry 2231, Weaving, Finishing Mills, Wool. For a detailed list of products of industry 2283, refer to table 6A, product codes 2283121 to 2283211.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Wool Yarn Mills totaled \$422 million. This amount included shipments of wool yarns, including carpet and rug yarn (primary products), valued at \$336 million, shipments of other products (secondary products) valued at \$59 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$26 million.

This industry's shipments of wool yarns, including carpet and rug yarn, represented 85 percent of its total product shipments. The industry specialization ratio in 1958 was also 85 percent. Secondary products shipped by this industry in 1963 consisted mainly of other spun man-made fiber and silk, except rayon and/or acetate spun yarns (\$37 million), and rayon and/or acetate spun yarns (\$8 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent to this specialization is indicated in table 8. Approximately 65 percent of the total industry shipments are represented by plants specializing in product class 22831, wool yarns, except carpet yarns; and 32 percent in product class 22832, wool carpet (weaving and tufting) yarns.

Shipments of wool yarns, including carpet and rug yarn, by this industry represented 82 percent of all shipments of these products (\$412 million) by all industries. In 1958 the coverage ratio was 78 percent. Other industries shipping wool yarns, including carpet and rug yarn, consisted mainly of industry 2231, Weaving, Finishing Mills, Wool, \$24 million; industry 2271, Woven Carpets and Rugs, \$19 million; and industry 2281, Yarn Mills, Except Wool, \$13 million.

The production index for the primary products of the industry increased to 172 in 1963 from the 1958 level of 111. The unit value index for 1963 was 79 compared to 83 in 1958. Both indexes were computed on a basis of 1954 = 100.

2284—THREAD MILLS

This industry comprises establishments primarily engaged in manufacturing thread from natural or man-made fiber except flax (industry 2299) and wool (industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand knitting and other handicraft threads. For a detailed list of products of industry 2284, refer to table 6A, product codes 2284111 to 2284311.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of Thread Mills totaled \$194 million. This amount included shipments of thread (primary products) valued at \$175 million, shipments of other products (secondary products) valued at \$12 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$7 million.

This industry's shipments of thread represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent.

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent to this specialization is indicated in table 8. Approximately 70 percent of the total industry shipments are represented by plants specializing in product class 22842, Finished thread for industrial or manufacturers' use; and 13 percent in product class 22843, Unfinished thread.

Shipments of thread by this industry represented 90 percent of all shipments of these products (\$194 million) by all industries. In 1958 the coverage ratio was 91 percent. Other industries shipping thread consisted mainly of industry 2211, Weaving Mills, Cotton; industry 2298, Cordage and Twine; and industry 2269, Finishing Plants, N.E.C.

The production index for the primary products of the industry increased to 110 in 1963 from the 1958 level of 102. The unit value index for 1963 was 101 compared to 95 in 1958. Both indexes were computed on a basis of 1954 = 100.

YARN AND THREAD MILLS: SIC 228 Value Added by Manufacture by State: 1963

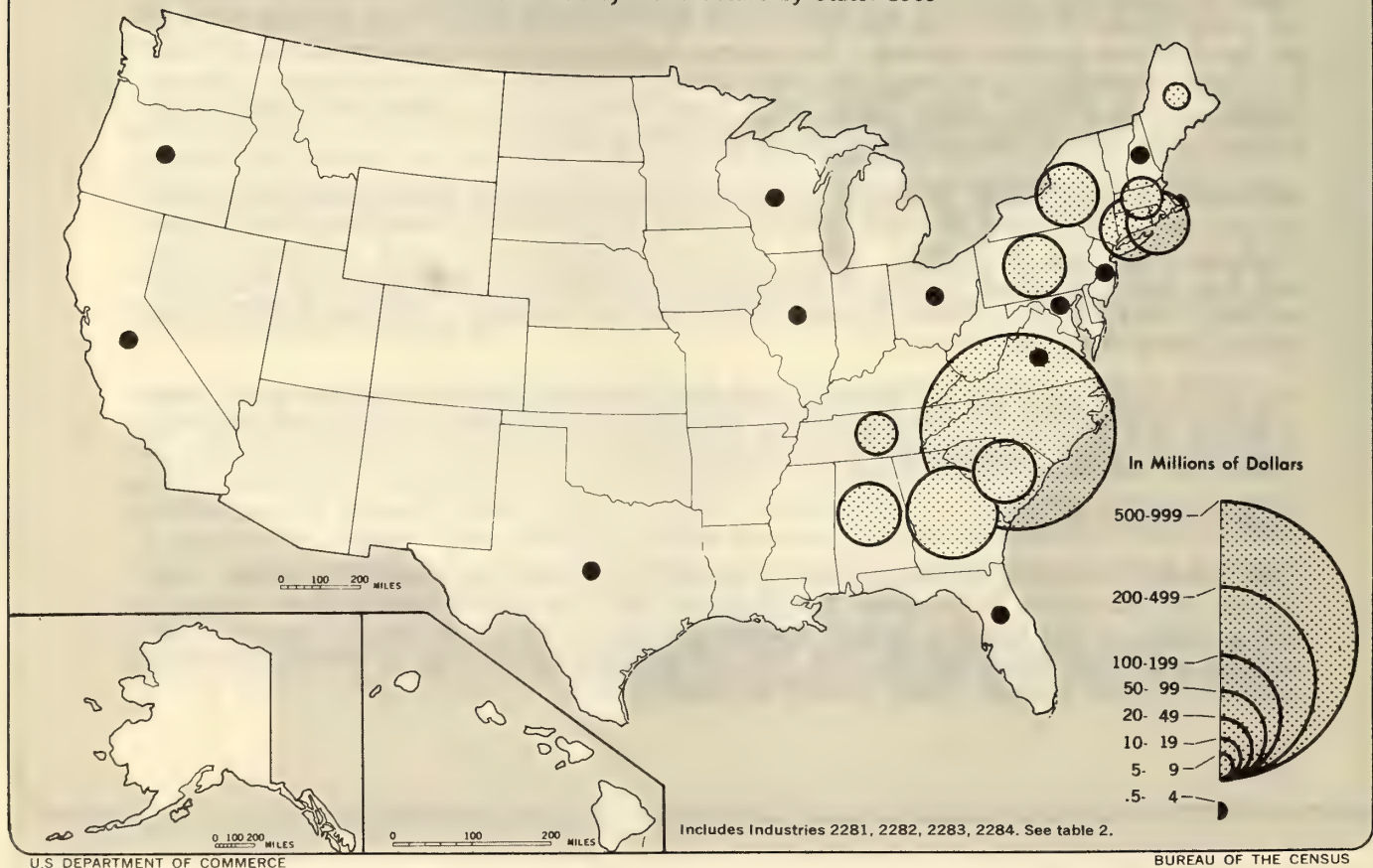


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2281.—YARN MILLS, EXCEPT WOOL														
1963.....	234	317	284	61,647	208,091	58,177	117,894	184,789	363,177	708,014	1,067,043	34,706	96	83
1962 ¹	(NA)	(NA)	(NA)	61,645	203,389	57,894	116,019	179,388	362,391	683,842	1,036,113	37,133	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	60,991	190,149	57,259	112,297	166,921	339,871	617,811	956,703	30,465	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	63,770	193,158	60,079	115,887	170,580	340,501	601,162	927,350	29,479	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	67,837	204,376	63,796	128,058	181,158	340,493	652,318	997,284	20,779	(NA)	(NA)
1958 ²	268	356	310	67,836	179,782	63,864	117,472	157,616	292,219	562,429	855,363	15,507	93	77
INDUSTRY 2282.—THROWING AND WINDING MILLS														
1963.....	165	180	110	13,559	47,066	12,104	24,080	37,276	93,649	226,551	319,252	6,231	95	88
1962 ¹	(NA)	(NA)	(NA)	12,916	44,967	11,434	22,926	35,042	88,255	169,795	253,129	3,537	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	12,396	41,767	11,006	21,824	32,425	73,231	144,069	215,870	(3,273)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,784	38,744	10,374	20,553	29,522	65,271	111,940	177,839	1,064	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	12,748	40,950	11,275	22,493	31,635	77,398	119,440	193,391	(2,814)	(NA)	(NA)
1958 ²	182	195	119	11,862	37,580	10,275	20,265	28,699	67,648	106,331	174,646	3,164	95	77
INDUSTRY 2283.—WOOL YARN MILLS														
1963.....	136	144	121	17,385	66,526	15,759	32,000	55,015	119,718	306,423	422,189	7,256	85	82
1962 ¹	(NA)	(NA)	(NA)	18,642	70,984	17,011	33,414	57,938	113,218	301,772	409,723	11,167	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	17,951	64,880	16,396	31,218	52,633	113,470	278,682	391,036	6,787	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	18,080	62,780	16,584	31,250	52,232	102,146	261,094	362,214	9,315	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,922	63,345	16,541	32,828	53,803	105,891	225,695	329,729	(S)	(NA)	(NA)
1958 ²	142	150	122	15,977	54,202	14,675	29,057	45,078	91,212	181,244	273,584	5,149	85	78
INDUSTRY 2284.—THREAD MILLS														
1963.....	59	71	36	10,056	37,438	8,762	17,465	28,921	75,821	118,958	194,068	3,311	93	90
1962 ¹	(NA)	(NA)	(NA)	11,065	39,043	9,562	19,096	30,649	74,096	121,380	197,410	3,042	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	10,728	36,744	9,363	18,295	28,458	70,531	115,361	188,455	2,154	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,589	39,924	10,146	19,706	31,290	69,933	113,250	184,024	5,078	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	11,470	38,833	10,026	19,921	30,280	77,255	111,199	182,641	4,347	(NA)	(NA)
1958.....	70	87	50	11,529	36,478	10,023	19,083	27,893	64,809	113,576	178,186	1,819	90	91
1957 ¹	(NA)	(NA)	(NA)	12,727	40,320	11,033	21,484	30,520	72,756	126,511	197,416	4,608	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	14,048	42,166	12,334	24,222	33,263	76,706	126,462	203,647	8,062	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	14,330	42,437	12,698	25,416	33,642	74,980	135,670	208,188	(NA)	(NA)	(NA)
1954.....	84	97	53	13,908	38,281	12,221	22,807	29,267	62,406	122,220	185,553	8,543	88	94
1953 ¹	(NA)	(NA)	(NA)	14,802	40,986	13,296	25,669	33,431	70,995	102,957	173,952	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	14,828	41,891	13,113	25,635	33,597	66,059	118,602	184,661	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	17,331	47,542	15,277	29,871	37,774	79,159	(NA)	(NA)	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	15,812	41,347	13,920	28,433	32,686	67,039	112,790	179,829	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	14,287	35,261	12,642	24,370	33,486	66,520	85,479	151,999	(NA)	(NA)	(NA)
1947.....	83	89	58	14,652	33,240	13,126	26,494	26,930	67,372	86,897	154,269	(NA)	85	(NA)
1939.....	(NA)	87	(NA)	(NA)	(NA)	14,382	(NA)	11,458	27,122	29,164	56,286	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that comparable data for prior years are not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
INDUSTRY 2281.—YARN MILLS, EXCEPT WOOL													
United States, total.....	317	284	61,647	208,091	58,177	117,894	184,789	363,177	708,014	1,067,043	34,706	67,836	292,219
New England.....	19	15	2,762	11,780	2,524	5,289	10,320	19,811	42,610	61,717	449	2,426	10,714
Massachusetts....	9	7	1,343	5,206	1,178	2,385	4,469	7,346	13,740	21,586	152	1,227	5,556
Connecticut.....	5	4	908	4,673	871	1,992	4,188	9,820	21,766	30,322	271	(²)	(²)
Middle Atlantic....	17	8	1,118	4,256	1,033	2,130	3,538	6,726	16,074	22,818	442	1,492	9,096
New York.....	9	2	128	450	111	219	348	651	1,084	1,753	45	(²)	(²)
South Atlantic....	235	222	49,922	164,049	47,162	95,118	145,582	285,377	551,817	834,544	26,681	54,606	227,876
North Carolina...	180	170	38,502	127,927	36,510	74,479	114,059	225,667	435,746	659,025	21,451	41,585	179,901
Georgia.....	33	33	7,772	25,014	7,240	13,998	21,601	41,479	80,778	122,170	3,605	9,772	35,100
East South Central..	34	33	7,347	26,467	6,988	14,326	23,929	48,607	92,994	141,124	7,020	8,812	42,401
Tennessee.....	5	5	1,881	7,480	1,798	3,947	6,886	16,221	24,467	39,814	1,607	2,185	11,155
All other divisions	12	6	498	1,539	470	1,031	1,420	2,656	4,519	6,840	114	500	2,132
INDUSTRY 2282.—THROWING AND WINDING MILLS													
United States, total.....	180	110	13,559	47,066	12,104	24,080	37,276	93,649	226,551	319,252	6,231	11,862	67,648
New England.....	25	13	1,093	3,982	983	1,987	3,311	6,127	10,823	17,181	334	1,031	6,782
Rhode Island.....	16	7	597	2,170	526	1,066	1,753	3,780	9,763	13,746	216	632	4,067
Middle Atlantic....	106	59	6,206	21,507	5,405	10,286	15,973	40,418	65,108	104,747	1,432	6,553	34,671
New York.....	36	15	1,687	6,819	1,249	2,522	3,925	14,242	18,048	31,148	273	835	6,124
New Jersey.....	24	7	453	2,184	401	807	1,530	3,525	9,622	13,163	103	679	4,680
Pennsylvania.....	46	37	4,066	12,504	3,755	6,957	10,518	22,651	37,438	60,436	1,056	5,039	23,867
South Atlantic....	43	34	5,737	19,947	5,238	10,859	16,660	43,619	138,645	181,023	4,413	3,688	23,226
North Carolina...	26	22	3,641	13,219	3,255	7,000	10,725	32,510	93,692	125,646	3,727	2,348	15,866
Georgia.....	7	4	417	1,330	383	772	1,139	2,003	9,114	11,405	196	(²)	(²)
All other divisions	6	4	523	1,630	478	948	1,332	3,485	11,975	16,301	52	590	2,964
INDUSTRY 2283.—WOOL YARN MILLS													
United States, total.....	144	121	17,385	66,526	15,769	32,000	55,015	119,718	306,423	422,189	7,256	15,977	91,212
New England.....	69	56	5,625	21,757	5,228	10,250	18,673	35,013	68,793	102,837	1,601	7,870	43,048
Maine.....	10	8	962	3,167	911	1,771	2,870	6,887	13,207	19,940	325	(²)	(²)
Massachusetts....	24	20	1,240	5,228	1,159	2,403	4,454	7,045	11,053	18,452	403	1,730	11,673
Rhode Island.....	21	18	2,398	9,360	2,203	4,130	7,823	14,316	31,069	45,119	580	4,405	22,083
Middle Atlantic....	30	24	2,092	9,006	1,910	3,769	7,264	15,650	36,918	52,412	1,627	3,762	23,345
Pennsylvania.....	20	19	1,668	7,080	1,528	2,945	5,727	11,957	27,203	39,094	1,510	1,945	12,584
East North Central..	9	7	917	4,008	790	1,655	2,766	6,799	14,441	21,275	371	630	3,382
South Atlantic....	32	30	8,197	30,106	7,331	15,322	24,860	59,535	180,359	237,302	2,965	3,342	19,526
North Carolina...	13	11	2,944	10,841	2,664	5,614	8,990	26,443	75,936	99,915	1,397	(²)	(²)
South Carolina...	8	8	2,857	10,953	2,606	5,555	9,425	21,047	68,835	88,934	1,096	1,755	11,812
All other divisions	4	4	554	1,649	510	1,004	1,452	2,721	5,912	8,363	692	373	1,911
INDUSTRY 2284.—THREAD MILLS													
United States, total.....	71	36	10,056	37,438	8,762	17,465	28,921	75,821	118,958	194,068	3,311	11,529	64,809
New England.....	21	14	3,356	13,390	2,883	5,828	9,855	27,978	23,331	50,898	448	3,652	20,412
Connecticut.....	5	5	2,112	8,339	1,864	3,804	6,452	20,557	15,900	35,992	335	(²)	(²)
Middle Atlantic....	23	5	495	2,002	391	785	1,191	4,764	6,465	11,142	47	704	5,199
North Central.....	4	-	21	91	17	34	69	190	413	606	5	(²)	(²)
South Atlantic....	23	17	6,184	21,955	5,471	10,818	17,806	42,889	88,749	131,422	2,811	6,871	37,653
North Carolina...	12	9	2,905	10,410	2,497	5,081	7,849	27,596	48,065	74,766	1,880	(²)	(²)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2281, Yarn Mills, Except Wool: New England—New Hampshire, 2 (100-249); Vermont, 1 (1-19); Rhode Island, 2 (250-499); Middle Atlantic—New Jersey, 2 (20-99); Pennsylvania, 6 (500-999); East North Central—Illinois, 2 (100-249); Wisconsin, 2 (20-99); South Atlantic—Maryland, 1 (250-499); South Carolina, 21 (2,500-4,999); East South Central—Alabama, 28 (5,000-9,999); Mississippi, 1 (1-19); West South Central—Texas, 5 (251); Pacific—California, 3 (100-249).

SIC 2282, Throwing and Winding Mills: New England—Massachusetts, 4 (339); Connecticut, 5 (157); East North Central—Wisconsin, 1 (1-19); South Atlantic—Maryland, 2 (100-249); Virginia, 4 (1,000-2,499); South Carolina, 3 (250-499); Florida, 1 (100-249); East South Central—Tennessee, 3 (454); Mountain—Colorado, 1 (1-19); Pacific—California, 1 (20-99).

SIC 2283, Wool Yarn Mills: New England—New Hampshire, 9 (500-999); Vermont, 2 (20-99); Connecticut, 3 (388); Middle Atlantic—New York, 9 (250-499); New Jersey, 1 (1-19); East North Central—Ohio, 4 (250-499); Illinois, 2 (250-499); Michigan, 1 (20-99); Wisconsin, 2 (100-249); South Atlantic—Maryland, 1 (20-99); Virginia, 1 (20-99); Georgia, 9 (1,000-2,499); East South Central—Kentucky, 1 (100-249); Alabama, 2 (250-499); Pacific—Oregon, 1 (100-249).

SIC 2284, Thread Mills: New England—New Hampshire, 1 (1-19); Massachusetts, 11 (568); Rhode Island, 4 (500-999); Middle Atlantic—New York, 19 (100-249); Pennsylvania, 4 (250-499); East North Central—Ohio, 2 (1-19); West North Central—Iowa, 1 (1-19); Missouri, 1 (1-19); South Atlantic—Maryland, 2 (1-19); Georgia, 9 (2,500-4,999).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Yarn mills, except wool (SIC 2281)	Throwing and winding mills (SIC 2282)			Wool yarn mills (SIC 2283)	Thread mills (SIC 2284)
		Total	Manufacturers (SIC 2282-11)	Commission mills (SIC 2282-51)		
Primary product specialization ratio ¹.....	.96	.95	(NA)	(NA)	.85	.93
Coverage ratio ².....	.83	.88	(NA)	(NA)	.82	.90
Establishments, total.....number..	317	180	112	68	144	71
With 1 to 19 employees.....do....	33	70	42	28	23	35
With 20 to 99 employees.....do....	71	69	38	31	65	15
With 100 employees or more.....do....	213	41	32	9	56	21
Proprietors and working partners.....do....	24	59	(NA)	(NA)	22	15
All employees (average for the year).....do....	61,647	13,559	9,518	4,041	17,385	10,056
Payroll (all employees), total for year.....\$1,000..	208,091	47,066	34,093	12,973	66,526	37,438
Production workers:						
Average for the year.....number..	58,177	12,104	8,356	3,748	15,769	8,762
March.....do....	57,842	11,260	7,795	3,465	16,024	8,730
May.....do....	57,313	11,549	8,020	3,529	16,151	8,743
August.....do....	58,733	12,464	8,554	3,910	15,886	8,702
November.....do....	58,822	13,145	9,057	4,088	15,015	8,875
Man-hours.....1,000..	117,894	24,080	16,625	7,455	32,000	17,465
January-March.....do....	29,086	5,407	3,741	1,666	8,116	4,363
April-June.....do....	29,774	5,813	4,067	1,746	8,430	4,488
July-September.....do....	28,803	6,216	4,240	1,976	7,835	4,080
October-December.....do....	30,231	6,644	4,577	2,067	7,619	4,534
Wages.....\$1,000..	184,789	37,276	25,877	11,399	55,015	28,921
Cost of materials, etc., total.....do....	708,014	226,551	220,919	5,632	306,423	118,958
Materials, parts, containers, and supplies consumed.....do....	679,640	204,520	200,257	4,263	290,486	112,417
Cost of resales.....do....	7,253	11,219	11,119	100	5,828	1,999
Fuels consumed.....do....	1,994	661	445	216	1,272	1,065
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	1,792	285	181	104	258	212
Cost.....\$1,000..	14,939	2,911	1,897	1,014	3,050	1,982
Generated less sold.....million kw.-hrs..	24	(D)	(D)	-	(D)	(D)
Contract work.....\$1,000..	4,188	7,240	7,201	39	5,787	1,495
Value of shipments (including resales), total.....do....	1,067,043	319,252	293,447	25,805	422,189	194,068
Value of resales.....do....	7,639	11,193	11,060	133	8,327	2,437
Value added by manufacture, adjusted.....do....	363,177	93,649	73,720	19,929	119,718	75,821
Manufacturers' inventories:						
Beginning of year, total.....do....	130,660	28,596	26,778	1,818	59,495	34,760
Finished products.....do....	29,532	9,296	9,087	209	18,419	9,756
Work-in-process.....do....	28,816	8,156	7,435	721	20,601	16,960
Materials, supplies, fuel, etc.....do....	72,312	11,144	10,256	888	20,475	8,044
End of year, total.....do....	137,132	35,149	33,439	1,710	69,468	36,213
Finished products.....do....	30,667	7,579	7,400	179	21,144	11,166
Work-in-process.....do....	31,829	10,821	10,314	507	21,828	16,261
Materials, supplies, fuel, etc.....do....	74,636	16,749	15,725	1,024	26,496	8,786
Expenditures for plant and equipment, total.....do....	37,865	8,677	6,174	2,503	8,652	3,709
New, total.....do....	34,706	6,231	4,165	2,066	7,256	3,311
New structures and additions to plant.....do....	4,454	1,498	884	614	1,283	887
New machinery and equipment.....do....	30,252	4,733	3,281	1,452	5,973	2,424
Used plant and equipment.....do....	3,159	2,446	2,009	437	1,396	398
Selected operating ratios:						
Payroll/Total employment.....	3,376	3,471	3,582	3,210	3,827	3,723
Production workers/Total employment.....	.94	.89	.88	.93	.91	.87
Man-hours/Production workers.....	2,026	1,989	1,990	1,989	2,029	1,993
Production worker wages/Man-hours.....	1.57	1.55	1.56	1.53	1.72	1.66
Cost of materials and payrolls/Total value of shipments....	.86	.86	.87	.72	.88	.81
Cost of materials/Total value of shipments.....	.66	.71	.75	.22	.73	.61
Adjusted value added/Total employment.....	5,783	6,907	7,745	4,932	6,886	7,540
Salaries and wages/Adjusted value added.....	.58	.50	.46	.65	.56	.49

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2281.—YARN MILLS, EXCEPT WOOL											
Establishments.....number..	317	12	10	11	26	45	134	57	20	2	-
All employees:											
Total.....do....	61,647	26	67	167	963	3,378	22,226	19,097	<u>15,723</u>	(D)	-
Payroll.....\$1,000..	208,091	90	232	549	2,811	10,910	74,146	64,600	<u>54,753</u>	(D)	-
Value added, adjusted.....do....	363,177	118	214	783	4,239	21,673	134,381	103,934	<u>97,836</u>	(D)	-
Value of shipments.....do....	1,067,043	484	830	2,670	14,199	62,515	397,465	320,567	<u>268,313</u>	(D)	-
Capital expenditures, new...do....	34,706	15	21	45	408	1,960	12,205	13,564	<u>6,488</u>	(D)	-
INDUSTRY 2282.—THROWING AND WINDING MILLS											
Establishments.....number..	180	27	21	22	37	32	27	11	3	-	-
All employees:											
Total.....do....	13,559	64	139	311	1,234	2,265	3,933	3,958	1,655	-	-
Payroll.....\$1,000..	47,066	286	568	1,133	4,287	7,264	13,254	13,305	6,969	-	-
Value added, adjusted.....do....	93,649	782	452	2,060	9,794	12,767	24,571	30,003	13,220	-	-
Value of shipments.....do....	319,252	1,439	1,997	4,910	18,347	36,899	95,933	126,500	33,227	-	-
Capital expenditures, new...do....	6,231	33	33	135	468	392	1,775	<u>3,395</u>	(D)	-	-
Subindustries 2282-11.—Throwing and Winding Mills—MANUFACTURERS											
Establishments.....number..	112	16	13	13	21	17	21	9	2	-	-
All employees:											
Total.....do....	9,518	45	83	175	670	1,154	3,134	<u>4,257</u>	(D)	-	-
Payroll.....\$1,000..	34,093	170	379	583	2,534	4,001	10,666	<u>15,760</u>	(D)	-	-
Value added, adjusted.....do....	73,720	364	279	1,255	7,101	8,296	21,589	<u>34,836</u>	(D)	-	-
Value of shipments.....do....	293,447	829	1,701	3,471	15,381	31,706	91,399	<u>148,960</u>	(D)	-	-
Capital expenditures, new...do....	4,165	19	23	98	178	337	<u>3,510</u>	(D)	(D)	-	-
Subindustries 2282-51.—Throwing and Winding Mills—COMMISSION MILLS											
Establishments.....number..	68	11	8	9	16	15	6	2	1	-	-
All employees:											
Total.....do....	4,041	19	56	136	564	1,111	799	<u>1,356</u>	(D)	-	-
Payroll.....\$1,000..	12,973	116	189	550	1,753	3,263	2,588	<u>4,514</u>	(D)	-	-
Value added, adjusted.....do....	19,929	418	173	805	2,693	4,471	2,982	<u>8,387</u>	(D)	-	-
Value of shipments.....do....	25,805	610	296	1,439	2,966	5,193	4,534	<u>10,767</u>	(D)	-	-
Capital expenditures, new...do....	2,066	14	10	37	290	55	<u>1,660</u>	(D)	(D)	-	-
INDUSTRY 2283.—WOOL YARN MILLS											
Establishments.....number..	144	10	5	8	37	28	37	13	6	-	-
All employees:											
Total.....do....	17,385	24	33	120	1,192	1,966	5,461	4,197	4,392	-	-
Payroll.....\$1,000..	66,526	111	126	514	4,365	7,755	21,064	15,824	16,767	-	-
Value added, adjusted.....do....	119,718	159	209	755	6,561	11,785	37,204	32,876	30,169	-	-
Value of shipments.....do....	422,189	726	927	2,195	15,929	32,116	122,494	124,282	123,520	-	-
Capital expenditures, new...do....	7,256	12	11	24	357	377	3,001	1,924	1,550	-	-
INDUSTRY 2284.—THREAD MILLS											
Establishments.....number..	71	16	9	10	7	8	6	10	3	2	-
All employees:											
Total.....do....	10,056	32	67	140	253	551	1,212	3,403	<u>4,398</u>	(D)	-
Payroll.....\$1,000..	37,438	168	302	544	1,106	2,132	4,556	12,570	<u>16,060</u>	(D)	-
Value added, adjusted.....do....	75,821	602	599	1,093	1,665	4,542	8,404	23,749	<u>35,167</u>	(D)	-
Value of shipments.....do....	194,068	1,589	1,709	3,266	6,122	8,732	19,302	58,514	<u>94,834</u>	(D)	-
Capital expenditures, new...do....	3,311	11	29	12	5	382	518	761	<u>1,593</u>	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(1,000)	(1,000)	(1,000)	(1,000)	Col. B Col. B+C (percent)	(1,000)	(1,000)	(1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2281	Yarn mills, except wool.....1963..	1,067,043	986,304	39,065	41,674	96	¹ 1,183,801	986,304	¹ 197,497	83
	.....1958..	855,363	768,773	55,877	30,713	93	² 999,838	768,773	² 231,065	77
2282	Throwing and winding mills.....1963..	319,252	287,091	16,010	16,151	95	331,359	287,091	44,268	87
	.....1958..	174,646	151,985	8,575	14,086	95	198,610	151,985	46,625	77
2283	Wool yarn mills.....1963..	422,189	336,486	59,387	26,316	85	411,727	336,486	75,241	82
	.....1958..	273,584	216,046	38,925	18,613	85	278,534	216,046	62,488	78
2284	Thread mills.....1963..	194,068	174,830	12,202	7,036	93	194,313	174,830	19,483	90
	.....1958..	178,186	155,354	17,719	5,113	90	170,685	155,354	15,331	91

Note: See Introduction for an explanation of terms used.

¹Excludes shipments of \$109 million of finished purchased yarns from establishments classified in industry 2269, Finishing Plants, N.E.C. A coverage ratio computed on the basis of including both industries to which yarns (gray and finished) are primary would total 92 percent; 83 percent by industry 2281; and 9 percent by industry 2269. The remaining 8 percent was shipped by establishments in other industries.

²Includes shipments of \$91 million from establishments classified in industry 2269, Finishing Plants, N.E.C. A coverage ratio computed on the basis of including both industries to which yarns (gray and finished) are primary would total 86 percent; 77 percent by industry 2281 and 9 percent by industry 2269. The remaining 14 percent was shipped by establishments in other industries.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Yarn mills, except wool (SIC 2281)	Weaving mills, cotton ¹ (SIC 2211)	Weaving mills, synthetics ¹ (SIC 2221)	Wool yarn mills ¹ (SIC 2283)	Tire cord and fabric ¹ (SIC 2296)	Other industries
	YARN MILLS, EXCEPT WOOL							
	Total shipments of the industry.....	(X)	1,067,043	(X)	(X)	(X)	(X)	(X)
	Primary products.....	² 1,183,801	986,304	63,931	23,721	45,026	27,846	36,973
22811 22690 pt. 22812 22690 pt. 22813 22690 pt. 22814 22810	Carded cotton yarns.....	² 377,120	310,211	41,542	(D)	(D)	16,241	7,747
	Combed cotton yarns.....	² 310,539	294,373	9,941	(D)	-	(D)	3,005
	Rayon and/or acetate spun yarns.....	² 153,444	126,077	(D)	6,834	7,588	(D)	4,879
	Other spun man-made fiber and silk yarns.....	326,463	243,323	(D)	15,567	36,690	(D)	³ 19,915
	Cotton and man-made fiber yarns, n.s.k.....	16,235	12,320	1,961	(D)	(D)	-	1,427
	Secondary products.....	(X)	39,065	(X)	(X)	(X)	(X)	(X)
2211-	Cotton broad-woven fabrics.....	(X)	4,231	(X)	(X)	(X)	(X)	(X)
2221-	Man-made fiber and silk broad-woven fabrics.....	(X)	2,650	(X)	(X)	(X)	(X)	(X)
2282-	Throwing and winding mill products.....	(X)	1,885	(X)	(X)	(X)	(X)	(X)
22831	Wool yarns, except carpet yarns.....	(X)	11,081	(X)	(X)	(X)	(X)	(X)
22832	Wool carpet (weaving and tufting) yarns.....	(X)	2,028	(X)	(X)	(X)	(X)	(X)
2284-	Thread.....	(X)	1,947	(X)	(X)	(X)	(X)	(X)
2298-	Cordage and twine.....	(X)	3,143	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	12,100	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	41,674	(X)	(X)	(X)	(X)	(X)
	Commission receipts for--							
	Spinning yarn.....	(X)	6,761	(X)	(X)	(X)	(X)	(X)
	Finishing of cotton and man-made fiber textiles, except woven fabrics.....	(X)	5,237	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	2,992	(X)	(X)	(X)	(X)	(X)
	Sales of scrap and refuse.....	(X)	19,045	(X)	(X)	(X)	(X)	(X)
	Receipts for products bought and resold without further manufacture.....	(X)	7,639	(X)	(X)	(X)	(X)	(X)
		All industries	Throwing and winding mills (SIC 2282)	Weaving mills, synthetics (SIC 2221)	Yarn mills, except wool (SIC 2281)	Wool yarn mills (SIC 2283)	Other industries	
	THROWING AND WINDING MILLS							
	Total shipments of the industry.....	(X)	319,252	(X)	(X)	(X)	(X)	(X)
	Primary products and services.....	331,359	287,091	20,173	1,943	2,040	⁴ 20,112	
22821	Thrown filament yarns, including textured yarns.....	233,962	208,170	17,481	-	(D)	(D)	
22822	Rewound, plied, etc., yarns, other than wool (not spun or thrown at same establishment).....	68,955	54,941	(D)	(D)	-	10,288	
22829	Commission throwing, plying, etc., of yarns.....	28,442	23,980	(D)	(D)	(D)	(D)	
	Secondary products.....	(X)	⁵ 16,010	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	16,151	(X)	(X)	(X)	(X)	(X)
	Commission receipts (other than commission throwing, plying, etc.).....	(X)	4,398	(X)	(X)	(X)	(X)	(X)
	Receipts for products bought and resold without further manufacture.....	(X)	11,193	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	560	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Wool yarn mills (SIC 2283)	Weaving, finishing mills, wool (SIC 2231)	Yarn mills, except wool (SIC 2281)	Woven carpets and rugs (SIC 2271)	Other industries
	WOOL YARN MILLS						
	Total shipments of the industry.....	(X)	422,189	(X)	(X)	(X)	(X)
	Primary products.....	411,727	336,486	24,191	13,109	18,896	⁶ 19,045
22831	Wool yarns, except carpet yarns.....	271,061	227,996	(D)	11,081	-	(D)
22832	Wool carpet (weaving and tufting) yarns.....	140,666	108,490	(D)	2,028	18,896	(D)
	Secondary products.....	(X)	59,387	(X)	(X)	(X)	(X)
22810	Cotton and man-made fiber yarns, n.s.k.....	(X)	748	(X)	(X)	(X)	(X)
22813	Rayon and/or acetate spun yarns.....	(X)	7,588	(X)	(X)	(X)	(X)
22814	Other spun man-made fiber and silk yarns.....	(X)	36,690	(X)	(X)	(X)	(X)
22970	Scouring and combing mill products.....	(X)	4,771	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	9,590	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	26,316	(X)	(X)	(X)	(X)
	Commission receipts for work done for others.....	(X)	15,769	(X)	(X)	(X)	(X)
	Receipts for products bought and resold without further manufacture.....	(X)	8,327	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	2,220	(X)	(X)	(X)	(X)
		All industries		Thread mills (SIC 2284)			Other industries
	THREAD MILLS						
	Total shipments for the industry.....		(X)		194,068		(X)
	Primary products.....		194,313		174,830		⁷ 19,483
22841	Finished thread for use in the home.....		27,497		26,414		1,083
22842	Finished thread for industrial or manufacturer's use.....		131,516		118,094		13,422
22843	Unfinished thread.....		32,453		(D)		(D)
22840	Thread, n.s.k.....		2,847		(D)		(D)
	Secondary products.....		(X)		⁸ 12,202		(X)
	Miscellaneous receipts.....		(X)		7,036		(X)
	Receipts for products bought and resold without further manufacture.....		(X)		2,437		(X)
	Other miscellaneous receipts.....		(X)		4,599		(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹The yarn shipments data shown for industries other than 2281 are for gray yarns only, code 2281-, and exclude finished yarn shipments, code 22690.

²Excludes shipments of finished purchased yarn (22690) for the following product classes 22811, Carded cotton yarns valued at \$18,709 million; 22812, Combed cotton yarns valued at \$75,548; and 22814, Other spun man-made fiber and silk yarns valued at \$14,257. These data are included in the detail shown in table 6A.

³Includes between \$4 and \$6 million shipped by industry 2271, Woven Carpets and Rugs, and between \$2 and \$5 million shipped by industry 2272, Tufted Carpets and Rugs.

⁴Includes between \$2 and \$5 million shipped by industry 2256, Knit Fabric Mills and industry 2296, Tire Cord and Fabric. Also includes an amount between \$5 and \$10 million shipped by industry 2211, Weaving Mills, Cotton.

⁵Includes between \$5 and \$10 million of spun yarns, code 2281-.

⁶Includes amounts between \$3 and \$10 million shipped by establishments classified in each of the following industries: 2221, Weaving Mills, Synthetics; 2256, Knit Fabric Mills; and 2297, Scouring and Combing Plants.

⁷Includes amounts between \$2 and \$5 million shipped by each of the following industries: 2211, Weaving Mills, Cotton; 2298, Cordage and Twine.

Also includes between \$5 and \$10 million shipped by industry 2269, Finishing Plants, n.e.c.

⁸Includes between \$5 and \$10 million of product class 22690, Finished yarn, raw stock, and narrow fabrics except knit and wool and \$2 to \$5 million for product class 22812, Combed cotton yarns.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total production (1,000 pounds)	Total shipments including interplant transfers		Transfers to other plants of the same company		Produced and consumed in same establishment (1,000 pounds)
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)	
1963							
2281- --	SPUN COTTON AND MAN-MADE FIBER YARNS, TOTAL.....	(X)	1,612,052	1,292,315	(X)	(X)	(X)
22811 -- 22690 pt.	Carded cotton yarns, total ¹	(X)	647,667	395,829	(X)	(X)	(X)
22811 10	Carded cotton yarns (gray).....	2,943,317	612,676	366,600	113,282	66,348	2,326,013
22811 87 22690 21	Carded cotton yarns, finished: Finished in plants with spinning facilities..... Finished from purchased yarns ³	(X) (X)	13,933 21,058	10,520 18,709	(X) (X)	(X) (X)	(X) (X)
22812 -- 22690 pt.	Combed cotton yarns, total ¹	(X)	433,251	386,087	(X)	(X)	(X)
22812 10	Combed cotton yarns (gray).....	835,778	352,362	293,626	90,627	77,168	484,032
22812 51 22690 23	Combed cotton yarns, dyed: Finished in plants with spinning facilities..... Finished from purchased yarns ³	}	(X)	26,566	(X)	(X)	(X)
22812 61 22690 32	Yarns, mercerized cotton: Mercerized in plants with spinning facilities..... Mercerized from purchased yarns ³.....							}	(X)	31,704	42,579	(X) (X)
22812 71 22690 12	Yarns, bleached: Finished in plants with spinning facilities..... Finished from purchased yarns ³	}	(X)	22,619	20,994	(X) (X)	
22813 -- 22690 --	Rayon and/or acetate spun yarns, total ¹						(X)
22813 10	Rayon and/or acetate spun yarns (gray).....	565,130	252,881	148,450	68,500	39,305	313,592
22813 43 22690 25	Rayon and/or acetate spun yarns, finished: Finished in plants with spinning facilities..... Finished from purchased yarns ⁴	(X) (X)	9,420 10,174	4,994 14,257	(X) (X)	(X) (X)	(X) (X)
22814 --	Noncellulosic and silk spun yarns (nylon, acrylic, polyester, etc.), total.....	(X)	238,340	326,463	(X)	(X)	(X)
22814 10 22814 43	Noncellulosic and silk spun yarns (gray)..... Noncellulosic and silk spun yarns, finished ⁴	456,512 (X)	219,735 18,605	302,780 23,683	64,380 (X)	84,191 (X)	244,191 (X)
22810 00	Cotton and man-made fiber spun yarns, n.s.k.....	(X)	520,319	16,235	(X)	(X)	(X)
1958							
2281- --	SPUN COTTON AND MAN-MADE FIBER YARNS, TOTAL.....	(X)	1,237,387	999,838	(X)	(X)	(X)
22811 -- 22690 pt.	Carded cotton yarns; total ^{1 2}	(X)	567,419	338,769	(X)	(X)	(X)
22811 10	Carded cotton yarns, (gray).....	2,910,553	547,245	322,756	89,707	54,932	2,342,767
22811 87 22690 21	Carded cotton yarns, finished: Finished in plants with spinning facilities..... Finished from purchased yarns ³	(X) (X)	6,429 13,745	5,472 10,541	(X) (X)	(X) (X)	(X) (X)
22812 -- 22690 pt.	Combed cotton yarns, total ¹	(X)	375,997	360,701	(X)	(X)	(X)
22812 10	Combed cotton yarns (gray).....	719,310	299,886	263,287	79,455	69,054	417,438
22812 51 22690 23	Combed cotton yarns, dyed: Finished in plants with spinning facilities..... Finished from purchased yarns ³	(X) (X)	10,108 18,565	10,925 23,835	(X) (X)	(X) (X)	(X) (X)
22812 61 22690 32	Yarns, mercerized cotton: Mercerized in plants with spinning facilities..... Mercerized from purchased yarns ³	(X) (X)	3,446 32,841	4,524 46,529	(X) (X)	(X) (X)	(X) (X)
22812 71 22690 12	Yarns, bleached: Finished in plants with spinning facilities..... Finished from purchased yarns ³	(X) (X)	3,563 7,588	3,146 8,455	(X) (X)	(X) (X)	(X) (X)
22813 -- 22690 --	Rayon and/or acetate spun yarns, total ¹	(X)	168,409	113,656	(X)	(X)	(X)
22813 10	Rayon and/or acetate spun yarns (gray).....	419,609	161,681	105,962	(NA)	(NA)	253,874
22813 43 22690 25	Rayon and/or acetate spun yarns, finished: Finished in plants with spinning facilities..... Finished from purchased yarns.....	}	(X)	66,728	(X)	(X)	(X)
22814 --	Noncellulosic and silk spun yarns (nylon, acrylic, polyester, etc.), total.....						
22814 10 22814 43	Noncellulosic and silk spun yarns (gray)..... Noncellulosic and silk spun yarns, finished.....	146,681 (X)	101,062 (6)	166,813 (6)	(NA) (X)	(NA) (X)	(NA) (X)
22810 00	Cotton and man-made fiber spun yarns, n.s.k.....	(X)	524,500	19,899	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

	Product	1963				1958			
		Total production (1,000 pounds)	Total shipments including interplant transfers		Produced and consumed in same establishment (1,000 pounds)	Total production (1,000 pounds)	Total shipments including interplant transfers		Produced and consumed in same establishment (1,000 pounds)
			Quantity (1,000 pounds)	Value (\$1,000)			Quantity (1,000 pounds)	Value (\$1,000)	
2282- --	THROWN, TEXTURED, REWOUND YARNS, ETC., INCLUDING COMMISSION RECEIPTS FOR YARN PROCESSING, TOTAL.....	(X)	(X)	331,359	(X)	(X)	(X)	198,610	(X)
22821 --	Thrown filament yarns, including textured yarns.....	218,564	106,470	233,962	(X)	179,644	56,987	121,063	(X)
	Thrown filament yarns, except textured:								
	Weaving yarns:								
22821 21	Rayon and/or acetate.....	34,255	7,017	7,328	25,046	41,977	3,815	4,581	34,206
22821 23	Nylon.....	43,943	10,493	20,200	17,997	39,479	7,471	14,888	22,339
22821 25	Other weaving yarns.....	32,218	3,432	10,372	28,477	36,524	4,958	7,891	30,941
	Machine-knitting yarns:								
22821 31	Nylon.....	10,709	8,414	22,303	(NA)	{ 13,172 1,178	7,033 1,177	16,072 2,808	}
22821 33	Other machineknitting yarns.....								
22821 35	Other thrown yarns.....	6,737	3,312	6,168	(NA)	5,109	1,866	4,671	1,476
22821 60	Textured, crimped, or bulked filament yarns, including stretch yarns ⁷	86,406	69,506	158,140	12,596	38,916	27,378	63,179	3,861
22821 00	Thrown and textured yarns, n.s.k.....	54,296	54,296	9,451	(X)	53,289	53,289	6,973	(X)
22822 11	Rewound, plied, and novelty yarns, other than wool, not spun or thrown at the reporting establishment.....	(X)	(X)	68,955	(X)	(X)	(X)	51,362	(X)
22829 --	Commission throwing, plying, etc., of yarns.....	(X)	(X)	28,442	(X)	(X)	(X)	26,185	(X)
22829 11	Receipts for throwing or texturing of filament yarns ⁸ ..	(X)	(X)	21,686	(X)	(X)	(X)	18,304	(X)
22829 51	Receipts for winding, warping, etc., yarn not thrown or spun at the reporting establishment.....	(X)	(X)	6,756	(X)	(X)	(X)	7,881	(X)
	Product	1963				1958			
		Total production (1,000 pounds)	Total shipments including interplant transfers		Transfers to other plants of the same company	Produced and consumed in same establishment (1,000 pounds)	Total production (1,000 pounds)	Total shipments including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)			Quantity (1,000 pounds)	Value (\$1,000)
2283- --	WOOL YARNS, INCLUDING CARPET AND RUG YARNS, TOTAL.....	556,649	249,151	411,727	86,174	119,562	278,397	⁹ 473,893	⁹ 161,207
22831 20	Wool yarns, except carpet yarns, including blends chiefly wool (new, reused, and reprocessed wool).....	393,541	137,249	271,061	22,093	40,551	236,673	⁹ 343,697	⁹ 88,494
22832 11	Wool carpet (weaving and tufting) yarns, including blends chiefly wool (new, reused, and reprocessed wool).....	163,108	111,902	140,666	64,081	79,011	41,724	130,196	72,713
	Product	1963				1958			
		Total production (1,000 pounds)	Total shipments including interplant transfers		Total shipments including interplant transfers	Total production (1,000 pounds)	Total shipments including interplant transfers	Total shipments including interplant transfers	Total shipments including interplant transfers
			Quantity (1,000 pounds)	Value (\$1,000)				Quantity (1,000 pounds)	Value (\$1,000)
2284- --	THREAD, TOTAL.....	(X)	(X)	194,313	(X)	(X)	(X)	170,685	
22841 --	Finished thread for use in the home, total.....	9,969	9,858	27,497	(X)	(X)	(X)	26,636	
22841 11	Cotton sewing thread.....	5,015	4,930	17,869	4,661	4,610	12,765		
22841 51	Cotton crochet, darning, embroidery, and hand knitting thread, and handwork cottons.....	4,782	4,760	7,979	6,104	6,422	11,642		
22841 55	Man-made fiber thread.....	172	164	1,649	{	(NA)	(NA)	2,220	
22841 59	Other thread for use in the home, except flax, wool or wool-based blends and spun man-made fibers designed for hand knitting								
22841 00	Finished thread for use in the home, n.s.k.....	-	-	-	-	-	-	-	
22842 --	Finished thread for industrial or manufacturers' use.....	70,504	68,609	131,516	(X)	(X)	107,019		
22842 11	Cotton, except industrial weight goods or braided.....	60,997	59,367	92,454	51,619	48,894	74,155		
22842 15	Cotton industrial weight goods, including braided thread.....	2,992	2,872	5,371	7,472	7,663	8,877		
22842 21	Man-made fiber thread.....	5,714	5,593	28,996	3,953	3,949	18,275		
22842 31	Other natural fiber thread, including silk, except flax.....	801	777	4,695	304	440	4,450		
22842 00	Finished thread for industrial or manufacturers' use, n.s.k.....	(X)	(X)	(X)	(X)	(X)	1,262		
22843 11	Unfinished thread shipped or transferred to other plants for finishing.....	27,528	27,513	32,453	26,625	26,570	30,508		
22840 00	Thread, n.s.k.....	(X)	(X)	2,847	(X)	(X)	6,522		

Footnotes on following page.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Footnotes for Table 6A--22E

Note: Production of spun yarns by knitting and narrow fabric weaving mills is excluded for both 1963 and 1958. Such production is included in the annual data published in Current Industrial Reports Series MA-22F, Yarn Production. This report also includes detailed data by fiber, end use, and method of distribution.

The MA-22F data differ from the census figures shown above because of the exclusion from the census of manufactures data of the output of knitting and narrow fabric mills, reporting differences for mills reporting in both surveys, some conceptual differences between the two surveys, and the omission of several plants from the annual yarn survey.

The summary figures for 1963 as published in the Current Industrial Report Series MA-22F are shown below for comparative purposes:

Code	Product	Production as reported on Census Annual Form MA-22F (1,000 pounds)			
		Total	For sale	For own use	On commission
22811	Carded cotton yarns.....	3,883,228	¹ (a)	3,050,403	¹ (b)
22812	Combed cotton yarns.....				
22813	Rayon and/or acetate.....	518,958	165,983	352,568	407
22814	Other spun man-made fiber yarns.....	446,212	183,345	252,593	10,274
2283-	Wool, including blends chiefly wool (new, reused, and reprocessed wool), total.....	537,094	141,891	369,706	25,497
22831	Wool yarns, except carpet yarns.....	376,978	93,472	261,122	22,384
22832	Wool carpet (weaving and tufting) yarns.....	160,116	48,419	108,584	3,113

¹In order to avoid disclosure of individual company information, the approximate magnitude of the withheld information is as follows: (a) over 2,500 thousand pounds (b) 1,000 - 2,499 thousand pounds.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹To the extent that finished yarns are made from purchased yarn (code 2269- --), the industry and product class totals contain some duplication.

²The 1958 data for total production and total shipments include estimated data for yarns spun on the woolen and worsted systems. The 1958 data for transfers and produced and consumed are limited to yarns spun on the cotton system.

³Carded yarns bleached or mercerized from purchased yarns are included with the data for combed yarns.

⁴For 1963, spun noncellulosic yarns finished from purchased yarns are included with code 2269025.

⁵Quantity estimated based on the quantity-value relationship reported for other yarns.

⁶For 1958, all finished noncellulosic yarns are included with finished rayon and/or acetate yarns.

⁷For both 1963 and 1958, data for textured yarn exclude production and shipments by establishments producing filament yarn and classified in industries 2823, Cellulosic Man-Made Fibers, and 2824, Organic Fibers, Noncellulosic. In 1963, these establishments reported production of approximately 80 million pounds of textured yarn in Census Annual Survey MA-22F, Yarn Production. The production aggregate for this product as published in Current Industrial Reports Series, MA-22F, for 1963 is 171,878 thousand pounds. This report also furnishes more detailed data for this product.

⁸For yarns thrown on commission, the figures represent commission receipts rather than the value of yarns thrown. Commission throwsters generally reported their production and such figures are included in the total production column. However, production estimates are not included for commission throwsters that reported receipts of approximately \$4 million and did not report production data.

⁹For 1958 separate data were collected for weaving, machine knitting, and hand-knitting yarns, by type of spinning system. The value of shipments for yarns not specified by kind was \$5,780 thousand. The quantity data have been revised to include an estimated quantity for this item.

**TABLE 6B. Product Classes—Indexes of Production and
Unit Value for Primary Products Shipped by
All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
228	Yarn and thread mills.....1963..	170	92
	.....1958..	122	94
2281-	Spun cotton and man-made fiber yarns made by yarn mills ¹.....1963..	169	90
	.....1958..	121	97
22811	Carded cotton yarns.....1963..	103	104
	.....1958..	93	100
22812	Combed cotton yarns.....1963..	134	92
	.....1958..	115	97
22813	Rayon and/or acetate spun yarns.....1963..	277	87
	.....1958..	174	97
22814	Noncellulosic and silk spun yarns (nylon, acrylic, polyester, etc).....1963..	414	72
	.....1958..	183	85
2282-	Thrown, textured, rewound yarns, etc., including commission receipts for yarn processing.....1963..	186	111
	.....1958..	130	96
2282-	Thrown filament yarns, including textured yarns..1963..	410	111
	.....1958..	246	95
2283-	Wool yarns, including carpet and rug yarns.....1963..	172	79
	.....1958..	111	83
22831	Wool yarns, except carpet yarns, including blends chiefly wool, (new, reused, and reprocessed wool).....1963..	166	79
	.....1958..	107	82
22832	Wool carpet (weaving and tufting) yarns includ- ing blends chiefly wool (new, reused, and re- processed wool).....1963..	194	83
	.....1958..	126	88
2284-	Thread.....1963..	110	101
	.....1958..	102	95
22841	Finished thread for use in the home.....1963..	60	115
	.....1958..	70	96
22842	Finished thread for industrial or manufacturers' use.....1963..	134	93
	.....1958..	113	90
22843	Unfinished thread shipped or transferred to other plants for finishing.....1963..	95	115
	.....1958..	92	112

¹Shipments of these products made from purchased yarns by finishing plants (establishments of Industry 2269) have been excluded from the computation of these indexes.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958
2281-	Yarn mills, except wool ² :						
	Quantity.....1,000 lbs..	1,515,137	(NA)	(NA)	(NA)	(NA)	1,157,920
	Value.....\$1,000..	1,183,801	1,126,699	1,034,629	1,008,205	1,050,628	902,784
22811	Carded cotton yarns:						
	Quantity.....1,000 lbs..	626,609	(NA)	(NA)	(NA)	(NA)	³ 553,674
	Value.....\$1,000..	377,120	398,973	371,433	375,172	387,230	328,228
22812	Combed cotton yarns:						
	Quantity.....1,000 lbs..	367,568	(NA)	(NA)	(NA)	(NA)	317,003
	Value.....\$1,000..	310,539	312,896	303,950	299,604	319,456	281,882
22813	Rayon and/or acetate spun yarns:						
	Quantity.....1,000 lbs..	262,301	(NA)	(NA)	(NA)	(NA)	⁴ 161,681
	Value.....\$1,000..	153,444	147,227	116,504	110,595	119,382	⁴ 105,962
22814	Other spun man-made fiber and silk yarns:						
	Quantity.....1,000 lbs..	238,340	(NA)	(NA)	(NA)	(NA)	⁴ 101,062
	Value.....\$1,000..	326,463	252,461	227,224	207,024	203,640	⁴ 166,813
22810	Cotton and man-made fiber yarns, n.s.k.:						
	Quantity.....1,000 lbs..	⁵ 20,319	(NA)	(NA)	(NA)	(NA)	⁵ 24,500
	Value.....\$1,000..	16,235	15,142	15,518	15,510	20,920	19,899
2282-	Throwing and winding mills.....\$1,000..	331,359	258,961	262,091	198,590	202,892	198,610
22821	Thrown filament yarns, including textured yarns.....do....	233,962	159,986	153,255	111,464	127,324	121,063
22822	Rewound, plied, etc., yarns other than wool (not spun or thrown at same establishments).....do....	68,955	51,641	44,574	41,864	45,767	51,362
22829	Commission throwing, plying, etc. of yarns.....do....	28,442	(47,334)	(64,262)	(45,262)	29,801	26,185
2283-	Wool yarn mills:						
	Quantity.....1,000 lbs..	249,151	(NA)	(NA)	(NA)	(NA)	⁶ 161,207
	Value.....\$1,000..	411,727	383,326	354,713	378,702	353,205	278,534
22831	Wool yarns, except carpet yarns:						
	Quantity.....1,000 lbs..	137,247	(NA)	(NA)	(NA)	(NA)	⁶ 88,494
	Value.....\$1,000..	271,061	241,363	218,641	227,614	225,574	180,677
22832	Wool carpet (weaving and tufting) yarns:						
	Quantity.....1,000 lbs..	111,902	(NA)	(NA)	(NA)	(NA)	72,713
	Value.....\$1,000..	140,666	141,963	136,072	151,088	127,631	97,857
2284-	Thread mills.....\$1,000..	194,313	197,002	185,712	165,519	173,237	170,685
22841	Finished thread for use in the home.....do....	27,497	27,019	27,612	27,648	27,417	26,636
22842	Finished thread for industrial or manufacturers' use.....do....	131,516	132,562	122,715	103,588	108,329	107,019
22843	Unfinished thread.....do....	32,453	25,659	23,200	24,536	28,865	30,508
22840	Thread, n.s.k.....do....	2,847	11,762	12,185	9,747	8,626	6,522

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Excludes finished purchased yarns which are included in industry 2269, Finishing Plants, N.E.C.

³The 1958 data for total shipments include estimated data for yarns spun on the woolen and worsted systems.

⁴For 1958, all finished noncellulosic yarns are included with finished rayon and/or acetate yarns.

⁵Quantity estimated based on the quantity-value relationship reported for other yarns.

⁶For 1958, separate data were collected for weaving, machine knitting, and hand-knitting yarns, by type of spinning system. The value of shipments for yarns not specified by kind was \$5,780 thousand. The quantity data have been revised to include an estimated quantity for this item.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹			1963 ¹	1958		1963 ²	1958
CARDED COTTON YARNS (22811)			THROWN FILAMENT YARNS, INCLUDING TEXTURED YARNS (22821)			WOOL YARNS, EXCEPT CARPET YARNS (22831)		
United States, total.....	377,120		United States, total....	233,962	121,063	United States, total...	271,061	180,677
South.....	375,435		Middle Atlantic.....	48,709	35,161	New England.....	86,355	94,595
North Carolina.....	179,632		New York.....	5,077	2,172	Maine.....	18,493	8,814
South Carolina.....	32,229		New Jersey.....	2,243	4,049	Massachusetts.....	16,578	17,444
Georgia.....	87,280		Pennsylvania.....	41,389	28,940	Rhode Island.....	36,005	59,522
Tennessee.....	7,061		South Atlantic.....	156,279	67,379	Middle Atlantic.....	34,222	30,463
Alabama.....	64,031		Virginia.....	25,408	8,883	Pennsylvania.....	18,275	(²)
All other divisions.....	1,685		North Carolina.....	113,119	49,093	South.....	133,258	45,074
COMBED COTTON YARNS (22812)			Georgia.....	4,457	(²)	North Carolina.....	76,880	20,980
United States, total.....	310,539		East South Central.....	17,273	(²)	South Carolina.....	25,409	14,782
South Atlantic.....	268,567		All other divisions.....	11,701	(²)	All other divisions.....	17,226	10,545
North Carolina.....	244,339		REWOUND, PILED, ETC., YARNS, OTHER THAN WOOL (NOT SPUN OR THROWN AT SAME ESTABLISHMENT (22822)			WOOL CARPET (WEAVING AND TUFTING) YARNS (22832)		
South Carolina.....	15,624		United States, total....	68,955	51,362	United States, total...	140,666	97,857
East South Central.....	39,242		Middle Atlantic.....	36,669	30,851	New England.....	8,824	8,041
All other divisions.....	2,730		New York.....	17,026	7,993	Middle Atlantic.....	19,049	38,990
RAYON AND/OR ACETATE SPUN YARNS (22813)			New Jersey.....	10,368	8,068	Pennsylvania.....	17,426	19,607
United States, total.....	153,444		Pennsylvania.....	9,275	14,790	South Atlantic.....	107,481	49,004
South.....	140,115		South Atlantic.....	27,612	17,701	North Carolina.....	27,469	4,855
North Carolina.....	72,216		North Carolina.....	8,266	(²)	Georgia.....	20,302	(²)
South Carolina.....	16,650		All other divisions.....	4,674	(²)	All other divisions.....	5,312	1,822
Georgia.....	33,581		COMMISSION THROWING, PLYING, ETC., OF YARNS (22829)			FINISHED THREAD FOR USE IN THE HOME (22841)		
All other divisions.....	13,329		United States, total....	28,442	26,185	United States, total...	27,497	26,636
OTHER SPUN MAN-MADE FIBER AND SILK YARNS (22814)			New England.....	3,897	2,601	Northeast.....	7,524	3,474
United States, total.....	326,463	166,813	Rhode Island.....	2,343	(²)	South.....	19,973	23,160
New England.....	38,057	19,759	Middle Atlantic.....	14,073	11,182	FINISHED THREAD FOR INDUSTRIAL OR MANUFACTURERS' USE (22842)		
Massachusetts.....	8,075	5,793	New York.....	4,535	(²)	United States, total...	131,516	107,019
Rhode Island.....	5,980	6,028	Pennsylvania.....	9,049	8,904	New England.....	41,415	32,575
Middle Atlantic.....	15,156	12,815	All other divisions.....	10,472	12,402	Connecticut.....	30,360	22,607
Pennsylvania.....	13,729	9,186	North Carolina.....	8,340	6,157	Middle Atlantic.....	4,164	10,548
South.....	272,021	(²)				South Atlantic.....	75,121	63,896
North Carolina.....	180,096	82,024				East South Central.....	10,816	
South Carolina.....	33,663	22,317						
Georgia.....	31,643	8,075						
Alabama.....	6,762	(²)						
All other divisions.....	1,229	(²)						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22811, Virginia and Texas; 22812, Massachusetts, Georgia, Tennessee, and Alabama; 22813, New Hampshire, Massachusetts, Pennsylvania, Maryland, Tennessee, and Alabama; 22814, New Hampshire, Connecticut, New York, Virginia, Tennessee, and Arkansas; 22821, Rhode Island, Maryland, South Carolina, Florida, and Tennessee; 22822, Rhode Island, Virginia, South Carolina, and Georgia; 22831, New Hampshire, Connecticut, New York, Ohio, Illinois, Wisconsin, Virginia, Georgia, Kentucky, and Oregon; 22832, New Hampshire, Massachusetts, Rhode Island, New York, Virginia, South Carolina, Tennessee, and Alabama; 22841, Connecticut; New York, Pennsylvania, North Carolina, and Georgia; 22842, Massachusetts, Rhode Island, New York, Pennsylvania, North Carolina, Georgia, Tennessee, and Alabama.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963

Code	Material	Unit of measure	1963	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2281.—YARN MILLS, EXCEPT WOOL	
	Materials, containers, and supplies, total.....	.....	(X)	679,640
011201	Raw cotton.....	Bales.....	1,899,157	347,093
229701	Raw wool, mohair, and other animal fiber (scoured weight).....	1,000 pounds....	3,596	4,396
229704	Wool tops.....	..do.....	4,485	7,484
282305	Rayon and acetate staple and tow.....	..do.....	234,928	69,380
282421	All other man-made fiber staple and tow, except glass.....	..do.....	151,503	140,572
282301	Rayon and acetate filament yarn.....	..do.....	1,993	1,160
282402	All other man-made filament yarn, except glass.....	..do.....	12,971	12,766
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	95,546	20,332
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company..	..do.....	13,721	9,747
281531	Dyes, lakes, and toners.....	.....	(X)	3,799
970099	All other materials, containers, and supplies consumed ¹.....	.....	(X)	48,518
976000	Materials, containers, and supplies, n.s.k. ².....	.....	(X)	14,393
			INDUSTRY 2282.—THROWING AND WINDING MILLS	
	Materials, containers, and supplies, total.....	.....	(X)	204,520
282301	Rayon and acetate filament yarn.....	1,000 pounds....	6,584	5,800
282402	All other man-made filament yarn, except glass.....	..do.....	99,313	145,219
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company..	..do.....	21,334	30,654
281531	Dyes, lakes, and toners.....	.....	(X)	649
970099	All other materials, containers, and supplies consumed ¹.....	.....	(X)	22,198
			INDUSTRY 2283.—WOOL YARN MILLS	
	Materials, containers, and supplies, total.....	.....	(X)	290,486
229701	Raw wool, mohair, and other animal fiber (scoured weight).....	1,000 pounds....	118,857	103,130
229704	Wool tops.....	..do.....	75,392	116,861
282305	Rayon and acetate staple and tow.....	..do.....	11,965	3,428
282421	All other man-made fiber staple and tow, except glass.....	..do.....	27,671	23,940
282402	All other man-made filament yarn, except glass.....	..do.....	1,837	2,697
010014	All other fibers (silk, jute, reused wool, waste, etc.).....	..do.....	23,673	11,769
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company..	..do.....	1,528	2,823
281531	Dyes, lakes, and toners.....	.....	(X)	3,853
970099	All other materials, containers, and supplies consumed ¹.....	.....	(X)	16,812
976000	Materials, containers, and supplies, n.s.k. ².....	.....	(X)	5,173
			INDUSTRY 2284.—THREAD MILLS	
	Materials, containers, and supplies, total.....	.....	(X)	112,417
011201	Raw cotton.....	Bales.....	74,695	18,872
282402	All other man-made filament yarn, except glass.....	1,000 pounds....	5,233	8,618
228101	Purchased spun yarn, all fibers, including transfers from other plants of the company..	..do.....	62,160	62,613
281531	Dyes, lakes, and toners.....	.....	(X)	4,075
970099	All other materials, containers, and supplies consumed ¹.....	.....	(X)	14,327
976000	Materials, containers, and supplies, n.s.k. ².....	.....	(X)	3,912

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.(X) Not applicable. n.s.k. Not specified by kind.

¹May include data for some materials which are listed above.

²Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Yarn mills, except wool (SIC 2281)	Throwing and winding mills (SIC 2282)	Wool yarn mills (SIC 2283)	Thread mills (SIC 2284)
Total cost of purchased fuels and electric energy.....\$1,000..	16,739	3,050	5,209	2,902
Total cost of purchased fuels.....do....	2,361	654	1,622	1,032
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	102	20	12	74
Cost.....\$1,000..	826	216	109	509
Coke and breeze:				
Quantity.....1,000 short tons..	(S)	-	-	-
Cost.....\$1,000..	(S)	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	176	48	203	139
Cost.....\$1,000..	637	154	629	378
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	1,254	305	1,011	294
Cost.....\$1,000..	566	163	472	130
Other fuels.....do....	330	121	412	(S)
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	1,676	228	291	195
Cost.....\$1,000..	14,378	2,396	3,587	1,870
Generated less sold.....million kw.-hrs..	33	(S)	(S)	17
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	587	64	120	105
Prime movers, total.....do....	20	5	7	18
Driving generators.....do....	19	3	5	15
Not driving generators.....do....	1	2	2	3
Electric motors, total.....do....	579	60	114	116
Driven by purchased energy.....do....	567	60	113	87
Driven by energy generated at establishment.....do....	11	1	1	29
Aggregate horsepower per 100 production workers.....	1,014	560	705	1,098

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Appendix A for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2281-	YARN MILLS, EXCEPT WOOL										
	Entire industry.....	317	61,647	208,091	58,177	117,894	184,789	363,177	708,014	1,067,043	34,706
	Establishments with—										
	90% or more specialization..	282	54,857	184,167	51,840	105,115	163,908	320,328	618,991	937,322	32,494
	75-89% specialization.....	13	3,008	9,605	2,777	5,382	8,323	19,000	40,414	58,394	1,446
22811	Carded cotton yarns (primary product class of estab.).....	108	21,432	68,622	20,091	39,597	60,153	109,909	223,706	332,662	12,287
	Establishments with—										
	90% or more specialization....	78	12,926	41,543	12,137	24,085	36,376	67,385	140,920	208,470	8,973
	75-89% specialization.....	11	3,060	9,830	2,862	5,701	8,696	16,960	31,431	47,269	1,811
22812	Combed cotton yarns (primary product class of estab.).....	75	20,237	68,004	19,348	39,246	61,530	118,279	199,793	318,261	12,908
	Establishments with—										
	90% or more specialization....	56	13,433	45,069	12,892	26,407	40,951	82,924	127,963	210,361	7,723
	75-89% specialization.....	12	3,306	10,881	3,129	6,103	9,650	16,882	34,048	51,027	2,530
22813	Rayon and/or acetate spun yarns (primary product class of estab.).....	43	5,955	20,938	5,597	11,688	18,493	40,871	76,554	116,826	2,954
	Establishments with—										
	90% or more specialization....	24	1,911	6,967	1,754	3,748	5,819	15,308	26,624	41,911	1,925
	75-89% specialization.....	10	1,944	6,829	1,824	3,820	6,112	12,889	20,671	33,020	601
22814	Other spun man-made fiber and silk yarns (primary product class of estab.).....	53	12,855	46,371	12,070	25,101	41,005	87,354	201,688	286,346	5,991
	Establishments with—										
	90% or more specialization....	26	5,387	18,934	5,103	10,762	16,816	38,745	81,017	117,397	2,523
	75-89% specialization.....	10	2,165	7,700	1,992	4,063	6,709	15,711	37,508	53,229	1,344
2282-	THROWING AND WINDING MILLS										
	Entire industry.....	180	13,559	47,066	12,104	24,080	37,276	93,649	226,551	319,252	6,231
	Establishments with—										
	90% or more specialization..	158	11,722	39,634	10,747	21,313	32,864	75,550	197,348	273,132	5,562
22821	Thrown filament yarns, including textured yarns (primary product class of estab.).....	54	7,049	23,692	6,399	12,772	19,502	53,145	166,061	219,314	3,779
	Establishments with—										
	90% or more specialization....	45	5,545	18,098	5,116	10,084	15,301	40,701	112,470	153,236	2,812
22822	Rewound, plied, etc., yarns other than wool (not spun or thrown at same establishment) (primary product class of estab.).....	24	2,034	8,817	1,558	3,031	5,001	17,704	52,005	68,379	209
22829	Commission throwing, plying, etc. of yarns (primary product class of estab.).....	58	3,783	12,233	3,513	7,028	10,804	18,770	5,558	24,555	2,046
	Establishments with—										
	90% or more specialization....	54	3,577	11,574	3,334	6,625	10,248	17,677	4,358	22,287	1,996
2283-	WOOL YARN MILLS										
	Entire industry.....	144	17,385	66,526	15,769	32,000	55,015	119,718	306,423	422,189	7,256
	Establishments with—										
	90% or more specialization..	79	7,701	29,963	7,032	14,377	24,961	61,388	154,537	214,282	4,140
	75-89% specialization.....	11	2,648	10,805	2,417	4,916	8,836	17,155	50,845	66,288	624
22831	Wool yarns, except carpet yarns (primary product class of estab.).....	70	10,551	40,222	9,586	19,275	33,062	75,759	202,748	275,532	5,092
	Establishments with—										
	90% or more specialization....	49	5,110	19,289	4,698	9,485	16,105	40,305	97,960	136,853	3,386
22832	Wool carpet (weaving and tufting) yarns (primary product class of estab.).....	31	5,170	19,959	4,650	9,701	16,612	35,650	101,314	135,687	1,596
	Establishments with—										
	90% or more specialization....	19	2,498	10,357	2,246	4,707	8,570	20,690	56,314	76,748	733

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2284-	THREAD MILLS										
	Entire industry.....	71	10,056	37,438	8,762	17,465	28,921	75,821	118,958	194,068	3,311
	Establishments with—										
	90% or more specialization..	60	7,927	29,795	6,913	13,685	23,069	55,918	81,559	136,393	2,722
	75-89% specialization.....	5	2,007	7,207	1,734	3,548	5,454	19,310	36,889	56,561	581
22842	Finished thread for industrial or manufacturers' use (primary product class of estab.).....	33	6,128	23,658	5,261	10,756	17,463	57,115	81,285	136,740	2,552
	Establishments with—										
	90% or more specialization....	24	2,750	11,226	2,311	4,750	7,958	21,606	35,235	55,233	2,004

MISCELLANEOUS TEXTILE GOODS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2291—Felt Goods, Except Woven Felts and Hats
- 2292—Lace Goods
- 2293—Paddings and Upholstery Filling
- 2294—Processed Waste and Recovered Fibers and Flock
- 2295—Artificial Leather, Oilcloth, and Other Impregnated and Coated Fabrics, Except Rubberized
- 2296—Tire Cord and Fabric
- 2297—Wool Scouring, Worsted Combing, and Tow to Top Mills
- 2298—Cordage and Twine
- 2299—Textile Goods, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2291—FELT GOODS, EXCEPT WOVEN FELTS AND HATS

This industry comprises establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in industry 2231, and those manufacturing felt hats in Group 235. For a detailed list of products of industry 2291, refer to table 6A, product codes 2291011 to 2291049.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Felt Goods, N.E.C., Industry totaled \$134 million. This amount included shipments of felt goods, except woven felts and hats, (primary products) valued at \$105 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$11 million.

This industry's shipments of felt goods, except woven felts and hats, represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of paddings and upholstery filling and fabricated rubber products.

Shipments of felt goods, n.e.c., by this industry represented 88 percent of all shipments of these products (\$120 million) by all industries. In 1958 the coverage ratio was 86 percent. Other industries shipping felt goods, except woven felts, (primary products) consisted mainly of industry 2231, Weaving and Finishing Mills, Wool; and industry 2293, Padding and Upholstery Filling.

The production index for the primary products of the industry increased to 105 in 1963 from the 1958 level of 99. The unit value index for 1963 was 127 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2292—LACE GOODS

This industry comprises establishments primarily engaged in manufacturing lace machine products, and those primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in industry 2397. For a detailed list of products of industry 2292, refer to table 6A, product codes 2292011 to 2292098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Lace Goods Industry totaled \$53 million. This amount included shipments of lace goods (primary products) valued at \$45 million, shipments of other products (secondary products) valued at \$1 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$7 million.

This industry's shipments of lace goods represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was 98 percent.

Shipments of lace goods by this industry represented 91 percent of all shipments of these products (\$49 million) by all industries. In 1958 the coverage ratio was 95 percent.

The production index for the primary products of the industry decreased to 83 in 1963 from the 1958 level of 115. The unit value index for 1963 was 108 compared to 88 in 1958. Both indexes were computed on a basis of 1954 = 100.

2293—PADDINGS AND UPHOLSTERY FILLING

This industry comprises establishments primarily engaged in the manufacture of batting, padding, wadding, and filling for upholstery, pillows, quilts, and apparel from curled hair, cotton mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in industry 2429. For a detailed list of products of industry 2293, refer to table 6A, product codes 2293013 to 2293059.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Padding and Upholstery Filling Industry totaled \$157 million. This amount included shipments of padding and upholstery filling (primary products) valued at \$122 million, shipments of other products (secondary products) valued at \$22 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$12 million.

This industry's shipments of \$122 million represented 84 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of pressed, punched, or needled felts, except hats (\$4 million), and bonded fiber fabrics (nonwoven textiles) (\$5 million).

Shipments of padding and upholstery by this industry represented 81 percent of all shipments of these products (\$150 million) by all industries. In 1958 the coverage ratio was 88 percent. Other industries shipping padding and upholstery filling (primary products) consisted mainly of industry 2291, Felt Goods, N.E.C., \$5 million to \$10 million; industry 2515, Mattresses and Bedsprings, \$4 million; and industry 3296, Mineral Wool, \$5 million to \$10 million.

The production index for the primary products of the industry increased to 102 in 1963 from the 1958 level of 99. The unit value index for 1963 was 91 compared to 93 in 1958. Both indexes were computed on a basis of 1954 = 100.

2294—PROCESSED WASTE AND RECOVERED FIBERS AND FLOCK

This industry comprises establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in nonmanufacturing industries. For a detailed list of products of industry 2294, refer to table 6A, product codes 2294012 to 2294051.

Value of shipments and other receipts of the Processed Textile Waste Industry totaled \$87 million. This amount included shipments of recovered fibers, processed mill waste, and related products (primary products) valued at \$72 million, shipments of other products (secondary products) valued at \$4 million, and miscellaneous receipts of \$11 million.

Shipments of recovered fibers, processed mill waste, etc., represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 96 percent.

Shipments of recovered fibers, processed mill waste, and related products by this industry represented 86 percent of all shipments of these products (\$83 million) by all industries. In 1958, the coverage ratio was 93 percent. Industry 2298, Cordage and Twine, shipped \$10 million of recovered fibers, processed mill waste, and related products.

The total shipments of recovered fibers and processed mill waste shown in table 6A do not include sales of "original" mill waste, such as card strips, comber noils, etc., produced at yarn spinning and weaving mills.

The production index for the primary products of the industry decreased to 78 in 1963 from the 1958 level of 84. The unit value index for 1963 was 101 compared to 115 in 1958. Both indexes were computed on a basis of 1954 = 100.

2295—ARTIFICIAL LEATHER, OILCLOTH, AND OTHER IMPREGNATED AND COATED FABRICS, EXCEPT RUBBERIZED

This industry comprises establishments primarily engaged in manufacturing coated and impregnated textiles, and in the special finishing of textiles such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in industry 3069, and those primarily engaged in dyeing and finishing textiles in Group 226. For a detailed list of products of industry 2295, refer to table 6A, product codes 2295111 to 2295398.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Coated Fabric, Not Rubberized, Industry totaled \$436 million. This amount included shipments of coated fabric, not rubberized (primary products) valued at \$359 million, shipments of other products (secondary products) valued at \$58 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$18 million.

This industry's shipments of coated fabrics, not rubberized, represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 82 percent. Secondary products shipped by this industry in 1963 consisted mainly of miscellaneous plastics products (\$23 million) and coated and glazed paper (\$12 million).

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 19 percent of the total industry shipments are represented by plants specializing in pyroxylin coated fabrics; 55 percent in resin coated fabrics; and 29 percent in other impregnated and coated fabrics.

Shipments of coated fabrics, not rubberized by this industry represented 84 percent of all shipments of these products (\$427 million) by all industries. In 1958 the coverage ratio was 80 percent. Other industries shipping coated fabrics, not rubberized (primary products) consisted mainly of industry 3079, Plastics Products, N.E.C., \$18 million.

The production index for the primary products of the industry increased to 191 in 1963 from the 1958 level of 111. The unit value index for 1963 was 100 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2296—TIRE CORD AND FABRIC

This industry comprises establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses. For a detailed list of products of industry 2296, refer to table 6A, product codes 2296010 to 2296038.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Tire Cord and Fabric Industry totaled \$376 million. This amount included shipments of tire cord and tire fabric (primary products) valued at \$319 million, shipments of other products (secondary products) valued at \$46 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$10 million.

This industry's shipments of tire cord and tire fabric represented 87 percent of its total product shipments. The industry specialization ratio in 1958 was 85 percent.

Shipments of tire cord and tire fabric by this industry represented 91 percent of all shipments of these products (\$349 million) by all industries. In 1958 the coverage ratio was 94 percent.

The production index for the primary products of the industry increased to 113 in 1963 from the 1958 level of 108. The unit value index for 1963 was 92 compared to 92 in 1958. Both indexes were computed on a basis of 1954 = 100.

2297—WOOL SCOURING, WORSTED COMBING, AND TOW TO TOP MILLS

This industry comprises establishments primarily engaged in processing textile fibers to prepare them for spinning. Important processes included in this industry are wool scouring and carbonizing, and combing and converting top. For a detailed list of products of industry 2297, refer to table 6A, product codes 2297017 to 2297081.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Scouring and Combing Industry totaled \$120 million. This amount included shipments of scoured wool, tops, and noils (primary products) valued at \$77 million, shipments of other products (secondary products) valued at \$5 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$38 million.

This industry's shipments of scoured wool, tops, and noils represented 94 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent.

Shipments of scoured wool, tops, and noils by this industry in 1963 represented 69 percent of all shipments of these products (\$111 million) by all industries. In 1958 the coverage ratio was 59 percent. Other industries shipping scoured wool, tops, and noils (primary products) consisted mainly of industry 2231, Weaving, Finishing Mills, Wool; and industry 2283, Wool Yarn Mills.

The production index for the primary products of the industry increased to 125 in 1963 from the 1958 level of 118. The unit value index for 1963 was 95 compared to 84 in 1958. Both indexes were computed on a basis of 1954 = 100.

2298—CORDAGE AND TWINE

This industry comprises establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from Abaca (Manila), sisal, henequin, hemp, cotton, paper, jute, flax, man-made fibers including glass, and other fibers. For a detailed list of products of industry 2298, refer to table 6A, product codes 2298111 to 2298398.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Cordage and Twine Industry totaled \$149 million. This amount included shipments of cordage and twine (primary products) valued at \$127 million, shipments of other products (secondary products) valued at \$14 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$8 million.

This industry's shipments of cordage and twine represented 90 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent.

While the primary products of the industry represent more than one class of product, the establishments tend to group themselves into "subindustries" represented by each of the different product classes. The extent of this specialization is indicated in table 8. Approximately 37 percent of the total industry shipments are represented by plants specializing in hand fiber cordage and twine; 27 percent in soft fiber cordage and twine; and 33 percent in cotton cordage and twine.

Shipments of cordage and twine by this industry represented 87 percent of all shipments of these products (\$145 million) by all industries. In 1958 the coverage ratio was 93 percent.

The production index for the primary products of the industry increased to 113 in 1963 from the 1958 level of 88. The unit value index for 1963 was 91 compared to 94 in 1958. Both indexes were computed on a basis of 1954 = 100.

2299—TEXTILE GOODS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing linear goods, jute goods except felt, bonded fiber fabrics except felt, and other textile products, not elsewhere classified. Establishments primarily engaged in manufacturing woven felts are classified in industry 2231; nonwoven felts, in industry 2291; and cordage and twine in industry 2298. For a detailed list of products of industry 2299, refer to table 6A, product codes 2299101 to 2299275.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Textile Goods, N.E.C., Industry totaled \$170 million. This amount included shipments of textile goods, n.e.c., (primary products) valued at \$134 million, shipments of other products (secondary products) valued at \$24 million, and miscellaneous receipts, at \$12 million.

This industry's shipments of textile products, n.e.c., represented 85 percent of its total product shipments. The industry specialization ratio in 1958 was 84 percent.

Shipments of textile products, n.e.c., by this industry represented 82 percent of all shipments of these products (\$164 million) by all industries. In 1958 the coverage ratio was 86 percent.

MISCELLANEOUS TEXTILE GOODS: SIC 229 Value Added by Manufacture by State: 1963

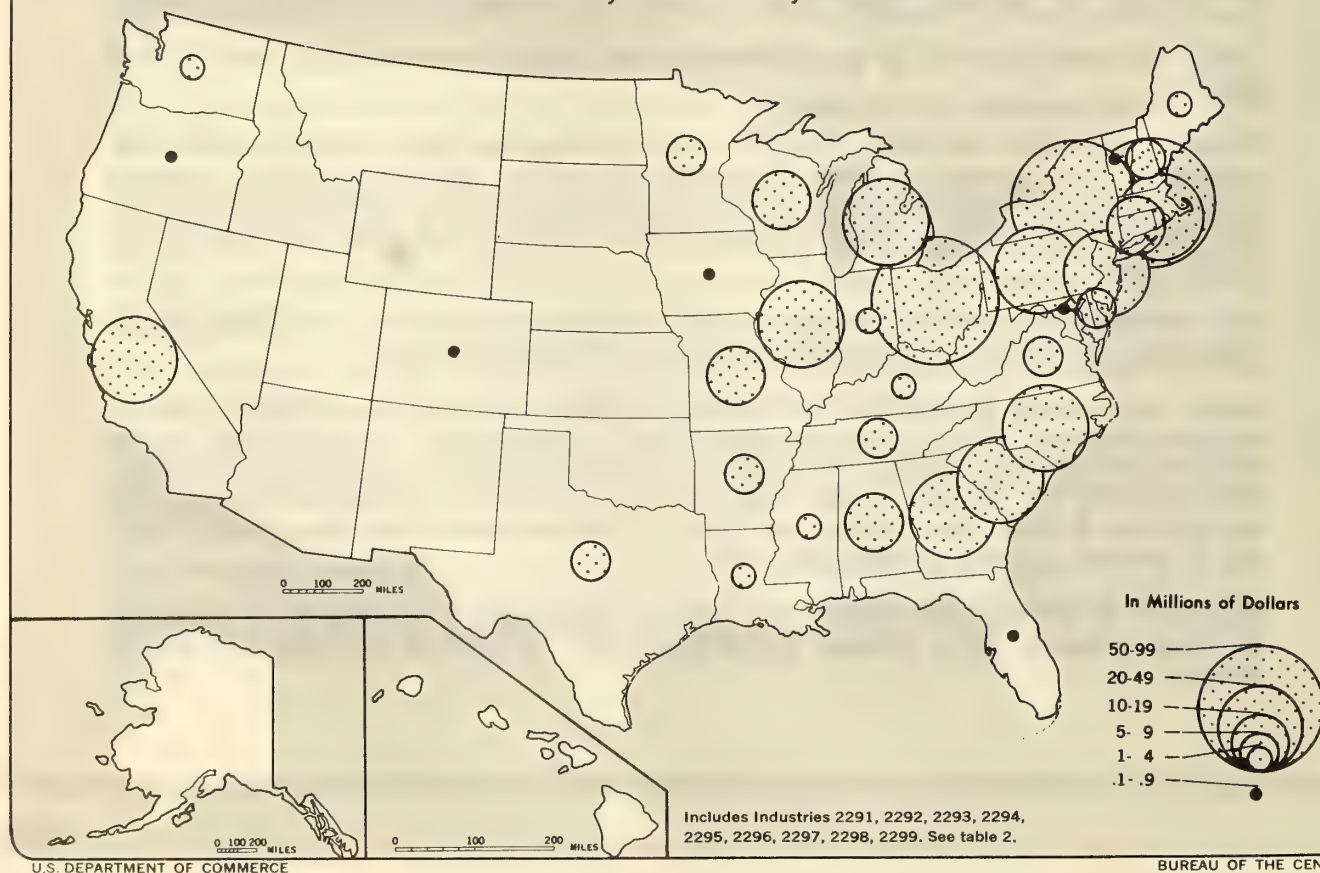


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2291.—FELT GOODS, N.E.C.														
1963.....	28	36	30	4,952	27,011	4,042	8,658	20,016	58,625	75,969	133,998	1,791	86	88
1962 ¹	(NA)	(NA)	(NA)	4,119	22,680	3,388	7,170	16,966	48,420	65,948	114,827	2,811	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	4,120	21,047	3,387	7,110	15,648	45,487	56,719	101,274	1,819	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	4,480	22,671	3,657	7,764	16,606	51,029	56,272	106,209	(2,884)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	5,048	24,526	4,186	8,906	18,085	52,629	60,889	114,024	(2,458)	(NA)	(NA)
1958.....	61	66	28	4,573	21,268	3,625	7,704	15,355	44,443	50,210	95,435	1,099	89	86
1957 ¹	(NA)	(NA)	(NA)	5,858	24,819	4,883	9,779	18,250	45,184	65,189	110,696	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	6,099	25,137	5,200	10,832	18,942	44,781	67,396	112,574	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	6,133	24,595	5,251	11,191	18,783	47,676	60,144	106,851	(S)	(NA)	(NA)
1954.....	65	72	33	5,987	23,376	5,182	10,767	18,083	42,610	59,502	101,703	1,623	90	92
1952 ¹	(NA)	(NA)	(NA)	4,788	19,561	4,134	8,743	15,211	37,697	49,426	87,123	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	4,889	20,387	4,277	9,370	15,914	39,492	65,854	105,346	(NA)	(NA)	(NA)
1947.....	37	46	31	4,737	14,177	4,167	8,777	11,109	24,881	34,883	59,764	(NA)	95	97
1939.....	(NA)	37	(NA)	3,770	4,870	3,346	(NA)	3,857	10,526	13,048	23,574	(NA)	(NA)	(NA)
1937.....	(NA)	39	(NA)	4,145	5,540	3,711	(NA)	4,529	11,000	18,649	29,649	(NA)	(NA)	(NA)
1935 ²	(NA)	40	(NA)	3,974	4,407	3,576	(NA)	3,438	10,192	13,505	23,697	(NA)	(NA)	(NA)
INDUSTRY 2292.—LACE GOODS ³														
1963.....	145	152	51	4,912	19,749	4,265	8,094	15,996	31,472	21,994	53,046	538	98	91
1962 ¹	(NA)	(NA)	(NA)	4,867	20,036	4,042	7,292	15,597	31,796	28,623	61,255	(1,689)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	5,546	22,175	4,616	9,113	17,051	33,303	28,684	62,526	1,227	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	5,598	22,114	4,758	8,794	16,787	29,962	24,581	56,373	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	6,631	25,850	5,779	10,221	19,298	38,267	31,196	69,618	(S)	(NA)	(NA)
1958.....	201	208	66	6,689	25,764	5,776	10,406	19,452	34,247	26,658	63,282	1,194	98	95
1956 ¹	(NA)	(NA)	(NA)	7,928	30,459	6,984	13,665	24,604	44,080	28,819	72,182	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	8,200	30,209	7,216	13,838	24,174	41,411	27,030	69,923	(S)	(NA)	(NA)
1954.....	133	138	62	7,442	26,117	6,568	12,521	20,492	37,571	23,775	61,767	1,941	99	94
1952 ¹	(NA)	(NA)	(NA)	8,141	27,471	7,152	13,879	21,381	45,994	30,831	75,526	(NA)	(NA)	(NA)
1947.....	93	96	52	8,580	21,346	7,856	15,403	17,745	44,872	26,099	68,663	(NA)	94	97
1939.....	(NA)	63	(NA)	8,341	10,792	7,254	(NA)	8,107	15,353	8,785	24,138	(NA)	(NA)	(NA)
1937.....	(NA)	57	(NA)	8,987	11,023	8,109	(NA)	9,037	17,808	10,534	28,342	(NA)	(NA)	(NA)
1935.....	(NA)	56	(NA)	8,810	10,814	7,858	(NA)	8,686	17,496	10,032	27,528	(NA)	(NA)	(NA)
1933.....	(NA)	44	(NA)	6,496	6,647	5,914	(NA)	5,582	11,116	5,813	16,929	(NA)	(NA)	(NA)
1931.....	(NA)	42	(NA)	(NA)	(NA)	6,043	(NA)	6,289	13,039	6,123	19,162	(NA)	(NA)	(NA)
1929.....	(NA)	42	(NA)	7,690	10,570	6,854	(NA)	7,670	19,125	10,112	29,237	(NA)	(NA)	(NA)
1927.....	(NA)	43	(NA)	7,234	9,799	6,482	(NA)	7,585	15,906	11,392	27,298	(NA)	(NA)	(NA)
1925.....	(NA)	42	(NA)	7,785	9,961	7,006	(NA)	7,620	17,483	13,361	30,844	(NA)	(NA)	(NA)
1923.....	(NA)	39	(NA)	7,966	10,247	7,307	(NA)	8,085	21,161	14,631	35,792	(NA)	(NA)	(NA)
1921.....	(NA)	37	(NA)	6,985	8,225	6,396	(NA)	6,209	14,660	11,321	25,981	(NA)	(NA)	(NA)
1919.....	(NA)	44	(NA)	7,188	8,111	6,490	(NA)	6,087	16,321	13,076	29,397	(NA)	(NA)	(NA)
1914 ²	(NA)	41	(NA)	8,113	4,679	7,440	(NA)	3,468	7,530	5,677	13,207	(NA)	(NA)	(NA)
INDUSTRY 2293.—PADDING AND UPHOLSTERING FILLING ³														
1963.....	168	183	73	6,932	33,651	5,718	12,036	25,156	65,588	91,083	156,539	1,934	84	81
1962 ¹	(NA)	(NA)	(NA)	7,608	35,836	6,103	13,483	24,719	67,397	90,981	157,609	(1,768)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	7,177	33,177	5,718	11,922	21,759	61,437	88,340	149,688	(S)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	7,455	34,163	6,048	12,288	22,607	68,537	98,221	166,107	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	7,148	32,339	5,726	11,851	21,424	68,657	90,229	158,589	(S)	(NA)	(NA)
1958.....	177	196	83	7,139	29,510	5,854	11,626	20,767	57,303	82,114	139,565	2,372	92	88
1954.....	179	200	82	9,111	33,031	7,777	16,031	24,489	62,633	93,228	155,757	3,485	91	90
1947.....	124	139	(NA)	8,306	21,466	7,431	(NA)	17,119	44,765	65,587	110,352	(NA)	96	92
1939.....	(NA)	124	(NA)	5,291	6,188	4,505	(NA)	4,120	13,292	16,921	30,213	(NA)	(NA)	(NA)
1937.....	(NA)	110	(NA)	5,229	6,019	4,645	(NA)	4,353	12,982	23,888	36,870	(NA)	(NA)	(NA)
1935 ²	(NA)	110	(NA)	3,746	3,958	3,248	(NA)	2,592	9,778	15,853	25,631	(NA)	(NA)	(NA)
INDUSTRY 2294.—PROCESSED TEXTILE WASTE ³														
1963.....	137	141	59	4,240	17,845	3,589	7,619	12,869	30,961	57,948	87,482	1,215	95	86
1962 ¹	(NA)	(NA)	(NA)	5,341	21,523	4,230	9,082	14,742	42,460	59,454	99,358	(1,475)	(X)	(X)
1961 ¹	(NA)	(NA)	(NA)	4,683	18,242	3,570	7,476	12,253	30,180	56,136	90,414	(S)	(X)	(X)
1960 ¹	(NA)	(NA)	(NA)	4,904	18,831	3,869	8,134	12,887	34,648	59,949	93,333	(S)	(X)	(X)
1959 ¹	(NA)	(NA)	(NA)	5,022	19,180	3,986	8,430	12,953	37,427	63,071	99,301	(S)	(X)	(X)
1958.....	181	183	68	4,607	17,038	3,811	7,684	11,775	31,100	61,594	93,459	929	96	93
1957 ¹	(NA)	(NA)	(NA)	5,999	20,284	5,044	10,556	14,285	35,092	75,600	108,166	600	99	94
1956 ¹	(NA)	(NA)	(NA)	6,504	21,156	5,573	11,232	15,007	36,909	74,254	108,682	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	6,813	20,454	5,680	11,128	14,261	36,545	68,722	103,063	(S)	(NA)	(NA)
1954.....	198	203	77	5,768	17,570	4,856	10,142	12,717	32,185	66,000	98,159	1,513	96	93
1947.....	177	179	75	5,805	12,894	5,149	10,982	9,822	22,612	34,643	57,255	(NA)	94	94
1939.....	(NA)	153	(NA)	5,683	6,167	4,844	(NA)	3,934	10,495	22,479	32,974	(NA)	(NA)	(NA)
1937 ²	(NA)	125	(NA)	(NA)	(NA)	5,418	(NA)	4,639	11,354	26,555	37,909	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2295.—COATED FABRIC, NOT RUBBERIZED														
1963.....	149	162	87	13,705	89,235	10,240	22,067	58,844	179,307	257,998	435,743	12,396	86	83
1962 ¹	(NA)	(NA)	(NA)	12,656	78,600	9,095	19,641	48,278	157,122	231,757	385,033	7,990	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	12,802	76,732	9,279	20,034	47,189	142,943	217,163	357,105	11,140	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	12,242	71,042	8,773	18,913	46,303	134,999	200,000	335,735	10,363	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	10,802	61,681	7,712	16,904	39,884	124,209	182,927	301,607	7,505	(NA)	(NA)
1958.....	122	126	64	10,182	53,980	7,196	15,405	33,761	100,420	146,231	246,616	8,576	82	80
1957 ¹	(NA)	(NA)	(NA)	9,073	50,071	6,649	14,766	32,325	94,562	143,437	235,801	8,645	87	81
1956 ¹	(NA)	(NA)	(NA)	9,171	48,806	6,827	14,872	31,417	88,676	144,315	231,224	9,277	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	9,187	47,798	7,102	16,095	32,198	97,652	163,190	258,435	(S)	(NA)	(NA)
1954.....	103	106	51	8,547	41,699	6,576	14,711	27,386	79,868	133,191	213,627	4,117	86	82
1953 ¹	(NA)	(NA)	(NA)	11,826	54,547	8,840	19,471	35,231	107,158	198,067	305,225	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	11,269	49,471	8,533	18,368	32,725	98,090	153,505	251,595	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	12,038	49,574	9,113	19,800	32,319	95,935	177,763	273,698	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	8,939	31,094	6,868	14,674	20,772	66,376	112,101	178,477	(NA)	(NA)	(NA)
1947.....	106	105	(NA)	8,588	27,925	6,869	(NA)	19,692	52,491	110,106	162,597	(NA)	84	82
1939 ²	(NA)	92	(NA)	(NA)	(NA)	5,895	(NA)	7,790	28,273	34,929	63,202	(NA)	(NA)	(NA)
INDUSTRY 2296.—TIRE CORD AND FABRIC														
1963.....	12	20	19	9,163	35,139	8,347	16,388	30,041	72,267	303,588	375,689	3,010	87	91
1962 ¹	(NA)	(NA)	(NA)	9,891	37,245	9,078	17,963	32,168	73,657	313,147	386,126	4,374	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	11,396	39,464	10,481	20,360	34,417	72,573	287,761	359,612	8,812	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	12,247	41,632	11,334	21,596	36,559	75,038	305,063	385,880	3,563	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	12,982	44,560	12,084	24,360	39,643	77,727	374,684	445,463	7,089	(NA)	³ (NA)
1958 ²	12	23	23	12,214	36,063	11,322	20,960	32,233	69,844	300,829	375,790	6,029	85	94
INDUSTRY 2297.—SCOURING AND COMBING PLANTS														
1963.....	64	69	38	5,798	24,749	5,171	10,615	19,812	45,402	75,629	119,918	3,335	94	69
1962 ¹	(NA)	(NA)	(NA)	5,618	24,080	5,026	10,702	19,043	44,736	53,495	97,663	(4,358)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	5,554	22,658	4,955	10,315	17,767	40,353	37,550	96,398	(S)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	6,554	26,632	5,883	12,313	21,062	43,315	60,262	102,139	2,037	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	7,184	29,090	6,427	13,861	23,166	45,808	65,012	110,176	1,960	(NA)	(NA)
1958.....	78	81	46	6,075	22,663	5,392	11,196	17,904	36,073	48,545	87,567	1,275	92	59
1954.....	70	74	48	7,013	24,300	6,363	12,616	20,134	33,523	65,244	100,663	2,391	83	60
1947.....	(NA)	56	(NA)	8,412	24,105	7,757	(NA)	20,572	36,920	38,637	75,557	(NA)	16	16
1939 ⁴	(NA)	49	(NA)	(NA)	(NA)	6,731	(NA)	6,696	13,015	21,682	34,697	(NA)	(NA)	(NA)
1937.....	(NA)	31	(NA)	4,786	5,932	4,504	(NA)	4,951	8,361	6,489	14,850	(NA)	(NA)	(NA)
1935 ²	(NA)	32	(NA)	4,472	5,148	4,175	(NA)	4,382	8,444	5,656	14,100	(NA)	(NA)	(NA)
INDUSTRY 2298.—CORDAGE AND TWINE														
1963.....	148	167	76	8,920	34,524	7,704	14,835	26,590	57,614	91,405	149,331	2,689	90	87
1962 ¹	(NA)	(NA)	(NA)	8,881	33,966	7,440	14,692	25,098	62,525	84,122	146,384	2,113	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	8,779	32,730	7,274	14,182	23,496	61,715	76,784	138,901	1,183	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	9,033	33,769	7,529	14,840	23,804	63,256	74,467	138,816	1,244	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	9,527	34,195	8,049	15,917	25,217	65,323	76,687	138,974	2,002	(NA)	(NA)
1958.....	128	147	71	9,583	33,134	8,187	15,550	24,662	65,106	75,775	141,579	1,632	92	93
1957 ¹	(NA)	(NA)	(NA)	11,692	39,226	10,097	19,401	28,649	77,759	84,976	161,462	2,530	91	90
1956 ¹	(NA)	(NA)	(NA)	12,296	40,277	10,723	20,828	30,230	83,942	87,700	169,782	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	12,880	39,968	11,239	21,795	30,500	83,423	90,977	174,228	(S)	(NA)	(NA)
1954.....	119	137	75	12,327	37,374	10,709	20,568	28,128	73,511	85,218	162,702	2,614	90	89
1953 ¹	(NA)	(NA)	(NA)	13,887	43,201	12,188	23,618	33,353	75,022	97,910	172,932	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	14,078	42,556	12,268	23,809	32,835	82,308	130,561	213,888	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	15,706	45,932	13,954	27,260	35,953	83,731	153,239	237,989	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	13,985	35,281	12,149	23,359	27,204	59,865	96,765	157,014	(NA)	(NA)	(NA)
1947.....	132	149	(NA)	16,366	37,143	14,482	(NA)	29,190	73,795	104,606	170,897	(NA)	87	87
1939 ⁵	(NA)	124	(NA)	(NA)	(NA)	12,587	(NA)	10,633	30,487	29,267	59,754	(NA)	(NA)	(NA)
1937.....	(NA)	118	(NA)	15,237	41,643	14,043	(NA)	11,683	28,396	38,022	66,418	(NA)	(NA)	(NA)
1935.....	(NA)	112	(NA)	13,434	11,915	12,260	(NA)	9,074	23,213	23,743	46,956	(NA)	(NA)	(NA)
1933.....	(NA)	110	(NA)	12,080	9,149	11,145	(NA)	7,373	20,430	18,284	38,714	(NA)	(NA)	(NA)
1931.....	(NA)	117	(NA)	(NA)	(NA)	11,087	(NA)	8,627	23,155	24,402	47,557	(NA)	(NA)	(NA)
1929.....	(NA)	123	(NA)	15,898	16,830	14,489	(NA)	12,834	36,882	54,573	91,455	(NA)	(NA)	(NA)
1927.....	(NA)	116	(NA)	16,489	17,530	15,084	(NA)	13,674	33,067	56,105	89,172	(NA)	(NA)	(NA)
1925.....	(NA)	118	(NA)	16,866	17,788	15,400	(NA)	14,019	33,600	66,848	100,448	(NA)	(NA)	(NA)
1923.....	(NA)	121	(NA)	17,901	19,257	16,382	(NA)	15,148	34,641	53,642	88,283	(NA)	(NA)	(NA)
1921.....	(NA)	118	(NA)	16,111	16,988	14,593	(NA)	12,924	28,875	46,481	75,356	(NA)	(NA)	(NA)
1919.....	(NA)	120	(NA)	19,203	18,716	17,622	(NA)	14,700	43,661	89,705	133,366	(NA)	(NA)	(NA)
1914.....	(NA)	105	(NA)	16,811	8,625	15,769	(NA)	6,996	16,156	43,605	59,761	(NA)	(NA)	(NA)
1909.....	(NA)	112	(NA)	15,498	6,506	14,629	(NA)	5,304	12,627	29,315	41,942	(NA)	(NA)	(NA)
1904.....	(NA)	102	(NA)	15,345	6,338	14,614	(NA)	5,338	11,921	36,096	48,017	(NA)	(NA)	(NA)
1899 ²	(NA)	105	(NA)	13,550	4,780	13,114	(NA)	4,113	11,218	26,632	37,850	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2299.—TEXTILE GOODS, N.E.C.													
1963.....	127	137	56	7,283	34,858	5,823	11,665	22,925	78,746	91,606	169,770	5,284	85	82
1962 ¹	(NA)	(NA)	(NA)	7,038	29,754	5,588	11,044	20,329	64,799	74,282	139,669	3,441	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	6,658	28,735	5,433	10,906	18,971	58,191	72,009	131,683	2,339	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	6,796	29,201	5,438	10,729	19,488	60,962	72,679	132,884	2,519	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	6,768	29,870	5,150	10,358	19,274	63,558	71,734	134,983	3,770	(NA)	(NA)
1958 ⁶	128	138	49	7,862	32,505	5,964	11,749	20,448	60,841	71,620	134,623	4,017	84	86

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²No comparable data are available for prior years.

³In this industry, which contains a large number of very small establishments, there is a possibility that some of these small establishments have been misclassified as to industry. This would not affect the statistics other than the number of establishments.

⁴Data for 1935-39 include information for "Topmakers" who do not perform any manufacturing operations but sell scoured wool or tops and noils which have been produced for their account by others on a contract or commission basis. The figures for 1947-58 exclude such topmakers and are thus not completely comparable with earlier information.

⁵The figures for 1939 have been revised to include data for fish nets and seines and are comparable with figures for 1947 and later years. Value added in 1939 on a basis comparable with earlier years was \$29.0 million.

⁶A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that 1958 data are not comparable with prior information. The details of this revision are described in the text. The resulting shifts in employment and value added by manufacture are further described in table 1A.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2291.—FELT GOODS, N.E.C.													
Total.....	36	30	4,952	27,011	4,042	8,658	20,016	58,625	75,969	133,998	1,791	4,573	44,443
New England.....	11	9	1,481	7,668	1,247	2,616	5,778	14,592	15,816	30,474	496	1,235	10,795
Middle Atlantic.....	9	7	1,326	7,693	1,079	2,192	5,832	19,375	29,192	48,670	781	1,295	13,249
Pennsylvania.....	6	4	468	2,856	352	702	1,964	9,545	14,684	24,208	349	281	4,043
North Central.....	8	7	1,035	5,852	771	1,639	3,977	11,289	14,668	25,394	255	1,127	11,379
South Atlantic.....	3	3	608	2,326	561	1,298	1,952	4,187	5,290	9,581	6	(²)	(²)
West.....	5	4	502	3,472	384	913	2,477	9,182	11,003	19,879	253	619	7,213
INDUSTRY 2292.—LACE GOODS													
Total.....	152	51	4,912	19,749	4,265	8,094	15,996	31,472	21,994	53,046	538	6,689	34,247
New England.....	69	19	2,088	8,315	1,820	3,526	6,947	11,412	7,070	18,504	167	2,911	14,958
Rhode Island.....	58	16	1,675	6,647	1,470	2,826	5,536	8,808	5,598	14,388	135	2,430	12,392
Connecticut.....	7	3	387	1,423	329	662	1,208	2,449	1,282	3,769	28	459	2,380
Middle Atlantic.....	77	27	2,433	9,959	2,081	3,836	7,767	17,509	12,592	29,605	340	3,533	18,308
New York.....	40	17	930	3,926	831	1,638	3,314	7,061	5,703	12,795	123	1,510	8,386
New Jersey.....	30	5	691	2,948	636	1,221	2,626	5,465	3,017	8,496	76	748	4,596
Pennsylvania.....	7	5	812	3,085	614	977	1,827	4,983	3,872	8,314	141	1,275	5,326
South.....	6	5	391	1,475	364	732	1,282	2,551	2,332	4,937	31	245	981
INDUSTRY 2293.—PADDING AND UPHOLSTERY FILLING													
Total.....	183	73	6,932	33,651	5,718	12,036	25,156	65,588	91,083	156,539	1,934	7,139	57,303
New England.....	17	4	477	2,493	383	866	1,625	5,098	5,604	10,557	77	501	4,102
Massachusetts.....	12	2	285	1,576	232	546	1,105	2,860	3,140	5,934	43	(²)	(²)
Middle Atlantic.....	49	17	1,106	5,068	899	1,923	3,611	10,577	12,782	23,367	241	1,308	9,413
New York.....	29	7	556	2,558	449	912	1,781	4,477	6,749	11,255	144	729	5,093
New Jersey.....	7	4	148	652	122	253	514	1,663	1,806	3,477	36	(²)	(²)
Pennsylvania.....	13	6	402	1,858	328	758	1,316	4,437	4,227	8,635	61	(²)	(²)
East North Central..	33	19	2,285	13,050	1,957	4,139	10,620	25,955	33,745	59,848	901	2,417	22,092
Illinois.....	8	5	355	2,012	288	665	1,510	3,604	8,623	12,352	364	449	4,574
Michigan.....	12	7	1,096	6,374	957	1,989	5,159	12,298	15,703	28,000	(D)	848	6,829
West North Central..	9	3	863	3,884	751	1,285	3,194	7,139	7,939	14,870	265	515	2,852
South Atlantic.....	29	12	1,024	4,003	791	1,773	2,649	6,790	12,792	19,579	195	1,137	6,793
North Carolina.....	12	6	560	2,201	444	1,007	1,380	3,807	7,054	10,872	115	721	3,874
Georgia.....	8	3	139	568	104	221	359	995	2,244	3,207	64	(²)	(²)
East South Central..	6	3	122	464	103	209	372	1,347	2,563	3,906	16	225	2,278
West South Central..	18	6	594	2,091	458	972	1,488	3,827	7,080	11,027	164	551	3,805
Texas.....	13	4	495	1,683	374	778	1,202	3,118	5,802	9,054	(D)	(²)	(²)
Mountain.....	3	-	15	43	13	24	31	97	87	181	6	485	5,968
Pacific.....	19	9	446	2,555	363	845	1,566	4,758	8,491	13,204	69	465	5,798
California.....	15	9	426	2,435	347	809	1,486	4,538	8,085	12,582	(D)		
INDUSTRY 2294.—PROCESSED TEXTILE WASTE													
Total.....	141	59	4,240	17,845	3,589	7,619	12,869	30,961	57,948	87,482	1,215	4,607	31,100
New England.....	59	23	1,390	5,800	1,170	2,537	4,214	9,435	12,662	22,255	526	1,399	9,144
Massachusetts.....	39	14	720	3,076	593	1,242	2,204	4,999	6,077	11,175	170	852	5,835
Rhode Island.....	6	2	134	636	99	208	419	991	875	1,873	(D)	158	1,108
Middle Atlantic.....	37	15	1,224	5,905	991	2,093	3,865	10,842	18,010	28,566	215	1,478	11,291
New York.....	21	11	936	4,475	783	1,669	3,121	8,536	12,292	21,022	178	1,009	6,950
East North Central..	12	5	299	1,278	242	499	896	2,136	2,741	4,904	44	568	3,131
Illinois.....	4	3	101	480	80	160	369	965	1,768	2,668	23	102	790
West North Central..	3	2	174	738	148	311	600	802	1,430	2,235	10	365	1,981
South.....	23	14	1,086	3,879	980	2,064	3,115	6,998	22,465	28,260	411	727	4,636
North Carolina.....	7	3	158	559	128	256	348	999	1,678	2,709	97	(²)	(²)
Pacific.....	7	-	67	245	58	115	179	748	640	1,262	9	70	917

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2295.—COATED FABRIC, NOT RUBBERIZED													
Total.....	162	87	13,705	89,235	10,240	22,067	58,844	179,307	257,998	435,743	12,396	10,182	100,420
Northeast.....	101	53	7,743	49,539	5,748	12,411	31,768	92,802	134,179	226,012	5,559	6,111	59,165
Massachusetts.....	27	17	2,160	14,049	1,558	3,457	8,939	29,991	44,186	73,634	2,504	2,222	22,966
Rhode Island.....	7	4	387	1,885	290	620	1,265	3,131	4,395	7,706	84	450	3,004
Connecticut.....	7	4	861	4,757	710	1,620	3,658	10,267	16,798	27,348	372	(²)	(²)
New York.....	29	17	1,995	13,654	1,489	3,051	8,633	20,074	30,193	50,414	1,114	1,358	12,948
New Jersey.....	25	12	1,734	11,411	1,261	2,716	6,861	19,942	29,120	48,382	903	1,804	16,863
North Central.....	27	12	4,521	30,566	3,446	7,332	21,405	66,190	93,712	159,476	5,486	3,442	34,642
Ohio.....	12	5	2,531	19,000	1,807	3,966	12,809	38,014	48,859	86,197	3,614	2,105	23,978
South.....	18	11	762	4,414	596	1,360	2,947	10,308	13,490	23,958	842	326	2,914
North Carolina....	6	5	252	1,248	185	417	723	3,349	4,018	7,679	326	(²)	(²)
Pacific.....	16	6	679	4,716	450	964	2,724	10,007	16,627	26,297	506	(²)	(²)
INDUSTRY 2296.—TIRE CORD AND FABRIC													
Total.....	20	19	9,163	35,139	8,347	16,388	30,041	72,267	303,588	375,689	3,010	12,214	69,844
South Atlantic.....	14	14	7,765	29,461	7,075	13,952	25,147	61,769	255,181	317,766	2,938	9,673	55,145
Georgia.....	7	7	4,513	16,814	4,193	8,222	14,822	30,941	126,632	158,868	1,060	6,017	30,887
All other divisions.	6	5	1,398	5,678	1,272	2,436	4,894	10,498	48,407	57,923	72	2,541	14,699
INDUSTRY 2297.—SCOURING AND COMBING PLANTS													
Total.....	69	38	5,798	24,749	5,171	10,615	19,812	45,402	75,629	119,918	3,335	6,075	36,073
Northeast.....	48	29	4,314	19,635	3,841	7,771	15,508	36,915	65,047	101,137	1,970	4,902	30,000
Massachusetts.....	18	11	2,304	10,569	2,082	4,331	8,469	19,304	24,780	42,830	989	2,523	17,528
Pennsylvania.....	10	7	665	3,547	526	1,076	2,451	5,868	26,490	31,979	144	1,128	7,738
North Central, South and West.....	21	9	1,484	5,114	1,330	2,844	4,304	8,487	10,582	18,781	1,365	1,173	6,073
South Carolina....	6	4	1,016	3,308	919	2,010	2,964	6,116	2,720	8,846	1,128	706	3,147
INDUSTRY 2298.—CORDAGE AND TWINE													
Total.....	167	76	8,920	34,524	7,704	14,835	26,590	57,614	91,405	149,331	2,689	9,583	65,106
New England.....	32	18	1,530	5,326	1,409	2,585	4,583	9,767	16,749	26,565	653	1,817	12,907
Massachusetts.....	12	8	971	3,468	929	1,760	3,258	6,683	12,569	19,273	587	1,377	9,767
Connecticut.....	10	6	249	948	206	372	626	1,683	2,590	4,226	42	229	1,834
Middle Atlantic.....	41	16	2,159	10,320	1,683	3,316	6,830	14,655	23,993	39,883	780	2,858	17,921
New York.....	26	9	1,489	7,189	1,152	2,284	4,630	9,406	15,385	25,884	619	1,958	11,287
New Jersey.....	7	2	378	1,818	318	643	1,424	3,216	5,321	8,667	137	441	4,111
Pennsylvania.....	8	5	292	1,313	213	389	776	2,033	3,287	5,332	24	459	2,523
East North Central..	14	7	521	2,419	426	850	1,678	3,855	4,333	8,183	142	(²)	(²)
Illinois.....	6	3	164	651	139	248	524	845	852	1,767	36	186	950
West North Central..	7	1	276	1,094	227	432	784	1,655	2,802	4,427	19	(²)	(²)
South Atlantic.....	25	16	1,752	5,613	1,650	3,201	4,899	10,493	17,487	27,758	355	1,690	10,290
North Carolina....	10	7	915	2,935	872	1,746	2,671	5,252	9,435	14,748	140	982	6,179
Georgia.....	7	6	545	1,697	511	949	1,478	2,759	5,482	8,072	26	289	1,572
East South Central..	12	7	1,710	6,024	1,471	2,892	4,904	9,269	12,309	21,855	217	1,401	9,090
West South Central..	14	3	415	1,482	360	675	1,154	3,112	6,916	8,854	38	601	5,490
Pacific.....	22	8	557	2,246	478	884	1,758	4,808	6,816	11,806	485	440	4,525
California.....	14	7	474	1,912	412	764	1,522	4,044	5,564	9,801	(D)	381	4,046

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2299.—TEXTILE GOODS, N.E.C.													
Total.....	137	56	7,283	34,858	5,823	11,665	22,925	78,746	91,606	169,770	5,284	7,862	60,841
New England.....	23	8	1,241	5,298	1,052	2,107	3,836	11,109	11,114	21,988	436	1,694	9,314
Massachusetts.....	16	6	1,067	4,532	913	1,806	3,295	9,495	8,143	17,365	354	1,652	9,064
Middle Atlantic.....	53	20	2,182	11,039	1,786	3,648	7,027	20,403	28,323	48,380	1,052	2,465	17,499
New York.....	26	6	353	1,674	293	580	1,151	4,531	5,130	9,801	192	357	3,462
New Jersey.....	14	9	851	5,314	604	1,164	2,690	9,785	14,111	23,697	650	1,303	9,144
Pennsylvania.....	13	5	978	4,051	889	1,904	3,186	6,087	9,082	14,882	210	805	4,893
South.....	21	9	1,750	6,951	1,469	2,920	5,309	17,457	22,941	39,784	2,553	(²)	(²)
All other divisions.	40	19	2,110	11,570	1,516	2,990	6,753	29,777	29,228	59,618	1,243	(²)	(²)
California.....	12	7	271	1,411	220	428	919	3,428	5,212	8,440	56	233	2,079

(D) Withheld to avoid disclosing figures for individual companies. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2291, Felt Goods, N.E.C.: New England—New Hampshire, 1 (250-499); Massachusetts, 7 (715); Rhode Island, 1 (20-99); Connecticut, 2 (250-499); Middle Atlantic—New York, 1 (100-249); New Jersey, 2 (500-999); East North Central—Ohio, 2 (20-99); Illinois, 3 (612); Wisconsin, 2 (250-499). West North Central—Missouri, 1 (1-19); South Atlantic—Virginia, 1 (100-249); North Carolina, 1 (250-499); Georgia, 1 (100-249); Mountain—Colorado, 1 (1-19); Pacific—California, 4 (500-999).

SIC 2292, Lace Goods: New England—Massachusetts, 3 (1-19); South Atlantic—North Carolina, 4 (250-499); East South Central—Tennessee, 2 (100-249).

SIC 2293, Padding and Upholstery Filling: New England—New Hampshire, 1 (1-19); Vermont, 1 (1-19); Rhode Island, 2 (100-249); Connecticut, 1 (20-99); East North Central—Ohio, 6 (420); Indiana, 4 (250-499); Wisconsin, 3 (100-249); West North Central—Minnesota, 3 (20-99); Missouri, 5 (831); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 2 (20-99); Virginia, 1 (1-19); South Carolina, 2 (100-249); Florida, 3 (20-99); East South Central—Tennessee, 5 (20-99); Alabama, 1 (20-99); West South Central—Arkansas, 3 (20-99); Louisiana, 1 (20-99); Oklahoma, 1 (1-19); Mountain—Colorado, 1 (1-19); Arizona, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 3 (1-19); Oregon, 1 (1-19).

SIC 2294, Processed Textile Waste: New England—Maine, 3 (325); New Hampshire, 4 (143); Vermont, 1 (1-19); Connecticut, 6 (20-99); Middle Atlantic—New Jersey, 7 (148); Pennsylvania, 9 (140); East North Central—Ohio, 6 (100-249); Indiana, 1 (1-19); Wisconsin, 1 (1-19); West North Central—Minnesota, 2 (100-249); Missouri, 1 (1-19); South Atlantic—Delaware, 1 (100-249); Maryland, 1 (1-19); Virginia, 1 (1-19); South Carolina, 3 (196); Georgia, 2 (100-249); East South Central—Tennessee, 3 (20-99); Alabama, 2 (250-499); West South Central—Louisiana, 2 (20-99); Texas, 1 (1-19); Pacific—Washington, 1 (1-19); California, 6 (20-99).

SIC 2295, Coated Fabric, Not Rubberized: New England—Maine, 2 (100-249); Middle Atlantic—Pennsylvania, 4 (250-499); East North Central—Indiana, 1 (1-19); Illinois, 4 (751); Michigan, 5 (465); Wisconsin, 3 (359); West North Central—Minnesota, 1 (1-19); Missouri, 1 (250-499); South Atlantic—Virginia, 1 (20-19); South Carolina, 1 (20-99); Georgia, 1 (20-99); Florida, 2 (1-19); East South Central—Tennessee, 1 (100-249); Alabama, 1 (20-99); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (1-19); Texas, 2 (1-19); Pacific—Oregon, 1 (1-19); California, 15 (500-999).

SIC 2296, Tire Cord and Fabric: Middle Atlantic—New York, 2 (100-249); Pennsylvania, 1 (100-249); East North Central—Ohio, 1 (250-499); South Atlantic—Virginia, 1 (100-249); North Carolina, 2 (1,000-2,499); South Carolina, 4 (1,000-2,499); East South Central—Tennessee, 1 (250-499); Alabama, 1 (250-499).

SIC 2297, Scouring and Combing Plants: New England—Maine, 1 (20-99); New Hampshire, 2 (20-99); Rhode Island, 10 (776); Connecticut, 2 (20-99); Middle Atlantic—New York, 3 (338); New Jersey, 2 (20-99); East North Central—Wisconsin, 3 (1-19); South Atlantic—North Carolina, 4 (200); West South Central—Texas, 5 (225); Mountain—Colorado, 2 (1-19); Pacific—Oregon, 1 (20-99).

SIC 2298, Cordage and Twine: New England—Maine, 1 (1-19); Vermont, 1 (100-249); Rhode Island, 8 (100-249); East North Central—Ohio, 2 (100-249); Indiana, 1 (1-19); Michigan, 3 (20-99); Wisconsin, 2 (20-99); West North Central—Iowa, 2 (1-19); Missouri, 5 (250-499); South Atlantic—Maryland, 1 (1-19); Virginia, 2 (20-99); West Virginia, 1 (1-19); South Carolina, 2 (100-249); Florida, 2 (1-19); East South Central—Kentucky, 1 (100-249); Tennessee, 3 (348); Alabama, 5 (1,106); West South Central—Arkansas, 1 (1-19); Louisiana, 4 (100-249); Texas, 9 (100-249); Pacific—Washington, 8 (20-99).

SIC 2299, Textile Goods, N.E.C.: New England—New Hampshire, 1 (1-19); Rhode Island, 3 (1-19); Connecticut, 3 (155); East North Central—Ohio, 1 (1-19); Indiana, 2 (20-99); Illinois, 9 (879); Michigan, 3 (363); Wisconsin, 5 (119); West North Central—Minnesota, 2 (250-499); Missouri, 2 (1-19); South Atlantic—Delaware, 1 (250-499); Maryland, 1 (1-19); Virginia, 1 (20-99); North Carolina, 8 (320); South Carolina, 1 (100-249); Georgia, 2 (1-19); East South Central—Kentucky, 1 (1-19); Alabama, 3 (197); Mississippi, 1 (250-499); West South Central—Arkansas, 1 (100-249); Texas, 1 (1-19); Mountain—Colorado, 1 (1-19); Utah, 1 (1-19); Pacific—Oregon, 2 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Felt goods, n.e.c. (SIC 2291)	Lace goods (SIC 2292)	Padding and upholstery filling (SIC 2293)	Processed textile waste (SIC 2294)	Coated fabric, not rubberized (SIC 2295)	Tire cord and fabric (SIC 2296)	Scouring and combing plants (SIC 2297)	Cordage and twine (SIC 2298)	Textile goods, n.e.c. (SIC 2299)
Primary product specialization ratio ¹.....	.86	.98	.84	.95	.86	.87	.94	.90	.85
Coverage ratio ².....	.88	.91	.81	.86	.83	.91	.69	.87	.82
Establishments, total.....number..	36	152	183	141	162	20	69	167	137
With 1 to 19 employees.....do....	6	101	110	82	75	1	31	91	81
With 20 to 99 employees.....do....	11	39	58	51	59	-	23	51	34
With 100 employees or more.....do....	19	12	15	8	28	19	15	25	22
Proprietors and working partners.....do....	3	53	55	45	25	3	17	60	52
All employees (average for the year).....do....	4,952	4,912	6,932	4,240	13,705	9,163	5,798	8,920	7,283
Payroll (all employees), total for year.....\$1,000..	27,011	19,749	33,651	17,845	89,235	35,139	24,749	34,524	34,858
Production workers:									
Average for the year.....number..	4,042	4,265	5,718	3,589	10,240	8,347	5,171	7,704	5,823
March.....do....	3,958	4,218	5,611	3,688	9,975	8,393	5,291	7,257	5,648
May.....do....	4,042	4,226	5,534	3,562	10,146	8,212	5,348	8,026	5,747
August.....do....	3,966	4,286	5,625	3,536	10,262	8,367	5,267	7,731	6,088
November.....do....	4,204	4,332	6,102	3,572	10,578	8,411	4,778	7,795	5,809
Man-hours.....1,000..	8,658	8,094	12,036	7,619	22,067	16,388	10,615	14,835	11,665
January-March.....do....	2,112	2,029	2,938	2,002	5,233	4,118	2,785	3,778	2,836
April-June.....do....	2,152	2,002	2,963	1,955	5,612	4,122	2,775	3,855	2,984
July-September.....do....	2,110	1,914	2,975	1,879	5,368	3,920	2,575	3,509	2,876
October-December.....do....	2,284	2,149	3,160	1,783	5,854	4,228	2,480	3,693	2,969
Wages.....\$1,000..	20,016	15,996	25,156	12,869	58,844	30,041	19,812	26,590	22,925
Cost of materials, etc., total.....do....	75,969	21,994	91,083	57,948	257,998	303,588	75,629	91,405	91,606
Materials, parts, containers, and supplies consumed.....do....	64,981	19,642	80,684	52,623	245,576	298,632	70,688	82,829	83,540
Cost of resales.....do....	8,679	972	8,260	2,504	4,259	609	1,955	6,678	5,449
Fuels consumed.....do....	1,151	408	883	483	2,706	465	1,188	463	795
Electric energy:									
Purchased:									
Quantity.....million kw.-hrs..	74	21	69	66	181	401	81	103	108
Cost.....\$1,000..	1,033	391	1,195	1,082	2,586	3,102	1,155	1,346	1,374
Generated less sold.....million kw.-hrs..	(D)	(D)	(D)	(D)	(D)	-	3	-	(D)
Contract work.....\$1,000..	125	581	61	1,256	2,871	780	643	89	448
Value of shipments (including resales), total.....do....	133,998	53,046	156,539	87,482	435,743	375,689	119,918	149,331	169,770
Value of resales.....do....	11,274	946	9,943	3,647	4,935	665	2,068	7,569	6,299
Value added by manufacture, adjusted.....do....	58,625	31,472	65,588	30,961	179,307	72,267	45,402	57,614	78,746
Manufacturers' inventories:									
Beginning of year, total.....do....	19,944	7,970	17,016	15,818	66,137	38,067	16,542	39,420	26,088
Finished products.....do....	5,882	2,408	3,986	5,398	25,689	14,235	4,368	19,442	9,326
Work-in-process.....do....	1,462	2,949	1,044	1,657	14,456	12,255	2,577	5,802	3,495
Materials, supplies, fuel, etc.....do....	12,600	2,613	11,986	8,763	25,992	11,577	9,597	14,176	13,267
End of year, total.....do....	19,907	8,201	16,549	14,851	68,965	37,226	17,431	38,884	25,938
Finished products.....do....	6,249	2,619	4,262	5,393	26,092	14,927	4,842	19,267	9,931
Work-in-process.....do....	1,691	3,158	900	3,089	15,515	11,729	3,216	5,665	3,472
Materials, supplies, fuel, etc.....do....	11,967	2,424	11,387	6,369	27,358	10,570	9,373	13,952	12,535
Expenditures for plant and equipment, total.....do....	1,872	794	2,079	1,511	12,732	3,851	3,743	3,283	5,714
New, total.....do....	1,791	538	1,934	1,215	12,396	3,010	3,335	2,689	5,284
New structures and additions to plant.....do....	228	39	644	318	2,948	461	702	530	594
New machinery and equipment.....do....	1,563	499	1,290	897	9,448	2,549	2,633	2,159	4,690
Used plant and equipment.....do....	81	256	145	296	336	841	408	594	430
Selected operating ratios:									
Payroll/Total employment.....	5,455	4,021	4,854	4,209	6,511	3,835	4,269	3,870	4,786
Production workers/Total employment.....	.82	.87	.82	.85	.75	.91	.89	.86	.80
Man-hours/Production workers.....	2,142	1,898	2,105	2,123	2,155	1,963	2,053	1,926	2,003
Production worker wages/Man-hours.....	2.31	1.98	2.09	1.69	2.63	1.83	1.87	1.79	1.97
Cost of materials and payrolls/Total value of shipments....	.77	.79	.80	.87	.78	.90	.84	.84	.74
Cost of materials/Total value of shipments.....	.57	.41	.58	.66	.58	.81	.63	.61	.54
Adjusted value added/Total employment.....	11,839	6,407	9,462	7,302	13,083	7,887	7,831	6,459	10,812
Salaries and wages/Adjusted value added.....	.46	.63	.51	.58	.50	.49	.55	.60	.44

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.
(X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2291.—FELT GOODS, N.E.C.											
Establishments.....number..	36	2	-	4	8	3	13	6	-	-	-
All employees:											
Total.....do....	4,952	56	-	(D)	302	228	2,298	2,068	-	-	-
Payroll.....\$1,000..	27,011	316	-	(D)	1,658	1,247	13,325	10,465	-	-	-
Value added, adjusted.....do....	58,625	352	-	(D)	4,038	2,932	31,413	19,890	-	-	-
Value of shipments.....do....	133,998	1,114	-	(D)	8,578	5,660	76,076	42,570	-	-	-
Capital expenditures, new...do....	1,791	39	-	(D)	231	280	673	568	-	-	-
INDUSTRY 2292.—LACE GOODS											
Establishments.....number..	152	50	27	24	26	13	8	4	-	-	-
All employees:											
Total.....do....	4,912	119	197	318	775	918	1,418	1,167	-	-	-
Payroll.....\$1,000..	19,749	423	816	1,584	2,926	3,964	5,600	4,436	-	-	-
Value added, adjusted.....do....	31,472	911	1,244	2,095	4,470	6,676	9,723	6,353	-	-	-
Value of shipments.....do....	53,046	1,776	2,316	4,147	8,243	11,148	15,011	10,405	-	-	-
Capital expenditures, new...do....	538	81	39	57	109	145	30	77	-	-	-
INDUSTRY 2293.—PADDING AND UPHOLSTERY FILLING											
Establishments.....number..	183	38	35	37	42	16	10	4	1	-	-
All employees:											
Total.....do....	6,932	84	247	518	1,310	1,158	1,634	1,981	(D)	-	-
Payroll.....\$1,000..	33,651	417	1,126	2,580	6,790	5,892	6,809	10,037	(D)	-	-
Value added, adjusted.....do....	65,588	957	2,437	5,102	13,033	12,471	12,038	19,550	(D)	-	-
Value of shipments.....do....	156,539	2,418	6,307	12,821	35,057	30,146	29,188	40,602	(D)	-	-
Capital expenditures, new...do....	1,934	34	69	159	244	425	217	786	(D)	-	-
INDUSTRY 2294.—PROCESSED TEXTILE WASTE											
Establishments.....number..	141	23	21	38	37	14	7	1	-	-	-
All employees:											
Total.....do....	4,240	39	139	531	1,159	957	1,415	(D)	-	-	-
Payroll.....\$1,000..	17,845	163	592	2,125	5,007	4,138	5,820	(D)	-	-	-
Value added, adjusted.....do....	30,961	576	1,358	4,621	8,210	6,666	9,530	(D)	-	-	-
Value of shipments.....do....	87,482	1,271	2,464	8,859	20,414	18,150	36,324	(D)	-	-	-
Capital expenditures, new...do....	1,215	16	21	87	349	467	275	(D)	-	-	-
INDUSTRY 2295.—COATED FABRIC, NOT RUBBERIZED											
Establishments.....number..	162	23	26	26	40	19	14	7	6	1	-
All employees:											
Total.....do....	13,705	59	182	376	1,286	1,393	2,205	2,378	5,826	(D)	-
Payroll.....\$1,000..	89,235	340	1,015	2,159	6,980	8,672	15,147	14,816	40,106	(D)	-
Value added, adjusted.....do....	179,307	606	2,087	3,938	14,940	17,574	27,546	34,530	78,086	(D)	-
Value of shipments.....do....	435,743	1,714	5,306	10,528	37,016	39,664	72,575	89,035	179,905	(D)	-
Capital expenditures, new...do....	12,396	42	186	295	760	922	1,235	3,278	5,678	(D)	-
INDUSTRY 2296.—TIRE CORD AND FABRIC											
Establishments.....number..	20	1	-	-	-	-	9	4	3	3	-
All employees:											
Total.....do....	9,163	1,571	-	-	-	-	(D)	3,485	(D)	4,107	-
Payroll.....\$1,000..	35,139	6,071	-	-	-	-	(D)	12,858	(D)	16,210	-
Value added, adjusted.....do....	72,267	16,592	-	-	-	-	(D)	21,233	(D)	34,442	-
Value of shipments.....do....	375,689	89,285	-	-	-	-	(D)	122,262	(D)	164,142	-
Capital expenditures, new...do....	3,010	300	-	-	-	-	(D)	246	(D)	2,464	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2297.—SCOURING AND COMBING PLANTS											
Establishments.....number..	69	12	8	11	16	7	7	5	3	-	-
All employees:											
Total.....do....	5,798	16	46	150	529	513	902	2,044	1,598	-	-
Payroll.....\$1,000..	24,749	115	188	636	2,336	2,257	3,758	9,025	6,434	-	-
Value added, adjusted.....do....	45,402	181	444	1,274	4,657	3,337	5,415	19,467	10,627	-	-
Value of shipments.....do....	119,918	412	589	3,483	20,195	4,323	8,775	69,261	12,880	-	-
Capital expenditures, new...do....	3,335	9	9	20	150	71	511	1,678	887	-	-
INDUSTRY 2298.—CORDAGE AND TWINE											
Establishments.....number..	167	49	22	20	32	19	18	4	3	-	-
All employees:											
Total.....do....	8,920	81	159	265	930	1,299	2,793	1,113	2,280	-	-
Payroll.....\$1,000..	34,524	334	574	1,136	3,467	5,442	9,476	4,719	9,376	-	-
Value added, adjusted.....do....	57,614	974	1,033	2,436	6,505	10,220	15,580	6,859	14,007	-	-
Value of shipments.....do....	149,331	1,940	2,356	5,982	15,063	25,197	42,461	19,212	37,120	-	-
Capital expenditures, new...do....	2,689	19	20	122	665	305	462	246	850	-	-
INDUSTRY 2299.—TEXTILE GOODS, N.E.C.											
Establishments.....number..	137	43	20	18	26	8	12	9	1	-	-
All employees:											
Total.....do....	7,283	72	136	245	757	523	1,776	3,774	(D)	-	-
Payroll.....\$1,000..	34,858	373	530	1,163	3,324	2,556	8,090	18,822	(D)	-	-
Value added, adjusted.....do....	78,746	950	1,173	2,366	7,357	6,426	23,179	37,295	(D)	-	-
Value of shipments.....do....	169,770	2,210	3,134	5,995	19,368	16,544	45,074	77,445	(D)	-	-
Capital expenditures, new...do....	5,284	66	53	155	406	203	1,501	2,900	(D)	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2291	Felt goods, n.e.c.....1963..	133,998	104,948	17,738	11,312	86	119,601	104,948	14,653	88
	1958..	95,435	80,949	10,193	4,293	89	94,146	80,949	13,197	86
2292	Lace goods.....1963..	53,046	44,825	1,020	7,201	98	49,418	44,825	4,593	91
	1958..	63,282	52,132	999	10,151	98	54,950	52,132	2,818	95
2293	Padding and upholstery filling....1963..	156,539	122,309	22,457	11,773	84	150,334	122,309	28,025	81
	1958..	139,565	120,893	10,715	7,957	92	137,807	120,893	16,914	88
2294	Processed textile waste.....1963..	87,482	72,169	3,965	11,348	95	83,343	72,169	11,174	86
	1958..	93,459	68,981	2,552	21,926	96	74,326	68,981	5,345	93
2295	Coated fabric, not rubberized....1963..	435,743	359,478	57,969	18,296	86	427,253	359,478	70,775	84
	1958..	246,616	195,428	42,452	8,736	82	245,200	195,428	49,772	80
2296	Tire cord and fabric.....1963..	375,689	319,287	46,411	9,991	87	349,179	319,287	29,892	91
	1958..	375,790	312,529	55,907	7,354	85	332,132	312,529	19,603	94
2297	Scouring and combing plants.....1963..	119,918	77,172	4,908	37,838	94	111,077	77,172	33,905	69
	1958..	87,567	53,356	4,753	29,458	92	89,696	53,356	36,340	59
2298	Cordage and twine.....1963..	149,331	126,725	14,126	8,480	90	145,042	126,725	18,317	87
	1958..	141,579	122,838	11,405	7,336	92	132,322	122,838	9,484	93
2299	Textile goods, n.e.c.....1963..	169,770	133,729	23,776	12,265	85	163,867	133,729	30,138	82
	1958..	134,623	106,048	19,494	9,081	84	123,568	106,048	17,520	86

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Felt goods, n.e.c. (SIC 2291)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Processed textile waste (SIC 2294)	Other industries
22910	FELT GOODS, N.E.C., INDUSTRY				22940	PROCESSED TEXTILE WASTE INDUSTRY			
	Total shipments of the industry.	(X)	133,998	(X)		Total shipments of the industry.	(X)	87,482	(X)
	Pressed, punched, or needled felts, except hats.....	119,601	104,948	¹ 14,653		Recovered fibers, processed mill waste, and related products.....	⁶ 83,343	72,169	⁵ 11,174
	Secondary products.....	(X)	² 17,738	(X)		Secondary products.....	(X)	3,965	(X)
	Miscellaneous receipts.....	(X)	11,312	(X)		Miscellaneous receipts.....	(X)	11,348	(X)
	Products bought and resold without further manufacture.....	(X)	11,274	(X)		Commission receipts for work done for others.....	(X)	7,497	(X)
22920	Other.....	(X)	38	(X)	22950	Other products bought and resold without further manufacture.....	(X)	3,647	(X)
						Other receipts.....	(X)	204	(X)
		All industries	Lace goods industry (SIC 2292)	Other industries			All industries	Coated fabric, not rubberized (SIC 2295)	Other industries
	LACE GOODS INDUSTRY					COATED FABRIC, NOT RUBBERIZED, INDUSTRY			
	Total shipments of the industry.	(X)	53,046	(X)		Total shipments of the industry.	(X)	435,743	(X)
	Lace goods.....	49,418	44,825	4,593	22951	Coated fabrics, except rubberized...	427,253	356,478	⁷ 70,775
22930	Secondary products.....	(X)	1,020	(X)	22952	Pyroxylin-coated fabrics.....	39,265	31,581	7,684
	Miscellaneous receipts.....	(X)	7,201	(X)	22953	Resin-coated fabrics.....	233,396	197,213	36,183
	Receipts for commission dyeing and finishing of lace goods.....	(X)	6,255	(X)	22950	Other impregnated and coated fabrics (except rubber coated)...	137,379	110,821	26,558
	Products bought and resold without further manufacture.....	(X)	946	(X)		Coated fabrics, except rubberized, n.s.k.....	17,213	16,863	350
						Secondary products.....	(X)	60,969	(X)
						Coated and glazed paper.....	(X)	12,041	(X)
22930	PADDING AND UPHOLSTERY FILLING INDUSTRY				2641-	Fabricated rubber products, n.e.c.	(X)	3,378	(X)
	Total shipments of the industry.	(X)	156,539	(X)	3069-	Miscellaneous plastic products...	(X)	23,180	(X)
	Paddings, upholstery filling, batting, and wadding.....	150,334	122,309	³ 28,025	3079-	Other products.....	(X)	⁸ 22,370	(X)
	Secondary products.....	(X)	22,457	(X)	22960	Miscellaneous receipts.....	(X)	18,296	(X)
	Pressed, punched, or needled felts, except hats.....	(X)	3,753	(X)		Commission receipts for work done for others.....	(X)	12,526	(X)
	Bonded fiber fabrics (nonwoven textiles).....	(X)	4,864	(X)		Products bought and resold without further manufacture.....	(X)	4,935	(X)
22991	Housefurnishings, n.e.c.....	(X)	2,482	(X)		Other receipts.....	(X)	835	(X)
	Other products.....	(X)	⁴ 11,358	(X)			All industries	Tire cord and fabric (SIC 2296)	Other industries
	Miscellaneous receipts.....	(X)	11,773	(X)		TIRE CORD AND FABRIC INDUSTRY			
	Products bought and resold without further manufacture.....	(X)	9,943	(X)		Total shipments of the industry.	(X)	375,689	(X)
	Other receipts.....	(X)	1,830	(X)		Tire cord and tire fabrics.....	349,179	319,287	⁹ 29,892
					2221-	Secondary products.....	(X)	46,411	(X)
22991						Man-made fiber broad-woven fabrics	(X)	5,842	(X)
						Other products.....	(X)	¹⁰ 40,569	(X)
						Miscellaneous receipts.....	(X)	9,991	(X)
						Commission receipts for work done for others.....	(X)	7,821	(X)
						Other receipts.....	(X)	2,170	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Scouring and combing mills (SIC 2297)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Cordage and twine (SIC 2298)	Other industries
	SCOURING AND COMBING MILLS					CORDAGE AND TWINE INDUSTRY—Con.			
	Total shipments of the industry.	(X)	119,918	(X)		Miscellaneous receipts.....	(X)	8,480	(X)
22970	Scouring and combing mill products..	111,077	77,172	1 ¹ 33,905		Commission receipts for work done for others.....	(X)	566	(X)
	Secondary products.....	(X)	124,908	(X)		Products bought and resold without further manufacture.....	(X)	7,569	(X)
	Miscellaneous receipts.....	(X)	37,838	(X)		Other receipts.....	(X)	345	(X)
	Commission receipts for scouring, combing, and related processing of wool.....	(X)	30,916	(X)			All industries	Textile goods, n.e.c. (SIC 2299)	Other industries
	Other commission receipts, including receipts, n.s.k.....	(X)	3,579	(X)		TEXTILE GOODS, N.E.C., INDUSTRY			
	Products bought and resold without further manufacture.....	(X)	3,068	(X)		Total shipments of the industry.	(X)	169,770	(X)
	Other receipts.....	(X)	275	(X)		Primary products.....	163,867	133,729	14 ³ 0,138
		All industries	Cordage and twine (SIC 2298)	Other industries	22991	Bonded fiber fabrics (nonwoven textiles, including nonwoven ribbons for gift tyings).....	110,568	89,044	21,524
	CORDAGE AND TWINE INDUSTRY				22992	Jute goods (except jute felts), linen goods, and other textile goods, n.e.c.....	42,923	34,337	8,586
	Total shipments of the industry.	(X)	149,331	(X)	22990	Textile goods, n.s.k.....	10,376	10,348	28
	Cordage and twine.....	145,042	126,725	1 ³ 18,317		Secondary products.....	(X)	23,776	(X)
22981	Hard fiber cordage and twine.....	42,276	40,867	1,409	22930	Paddings, upholstery filling, batting, and wadding.....	(X)	1,371	(X)
22982	Soft fiber cordage and twine, except cotton.....	59,794	46,919	12,875	2298-	Cordage and twine.....	(X)	8,534	(X)
22983	Cotton cordage and twine.....	38,186	34,598	3,588		Other secondary products.....	(X)	1 ⁵ 13,871	(X)
22980	Cordage and twine, n.s.k.....	4,786	4,341	445		Miscellaneous receipts.....	(X)	12,265	(X)
	Secondary products.....	(X)	14,126	(X)		Commission receipts for work done for others.....	(X)	3,791	(X)
22811	Carded cotton yarns.....	(X)	2,565	(X)		Products bought and resold without further manufacture.....	(X)	6,299	(X)
22940	Recovered fibers, processed mill waste, and related products.....	(X)	1,871	(X)		Other receipts.....	(X)	2,175	(X)
	Other products.....	(X)	9,690	(X)					

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The following industries had shipments which totaled \$2 million or more, but the data are withheld to avoid disclosure of individual company figures: 2231, Weaving, Finishing Mills, Wool; 2293, Padding and Upholstery Filling.

²Includes an amount between \$5 and \$10 million of product class 22930, Paddings, upholstery filling, batting and wadding, excluding foam rubber and vinyl, and of industry 3069, Rubber Products, N.E.C., shipped by establishments classified in industry 2291, Felt Goods, N.E.C.

³Includes \$4,232 thousand shipped by industry 2515, Mattresses and Bedsprings. Also includes an amount between \$5 and \$10 million shipped by establishments classified in industry 2291, Felt Goods, N.E.C., and by industry 3296, Mineral Wool.

⁴Includes shipments of between \$5 and \$10 million of product class 30792, Foam plastics products.

⁵Includes between \$5 and \$10 million shipped by industry 2281, Yarn Mills, Except Wool.

⁶Does not include original mill waste (card strips, comber noils, etc.) shipped by weaving mills, etc.

⁷Includes an amount between \$22 and \$27 million shipped by industry 3069, Rubber Products, N.E.C., \$17,596 thousand shipped by industry 3079, Plastics Products, N.E.C., and amounts between \$2 and \$7 million shipped by industries 2261, Finishing Plants, Cotton, and 2641, Paper Coating and Glazing.

⁸Includes an amount between \$5 and \$10 million of industry 2591, Venetian Blinds and Shades.

⁹The tire cord and tire fabrics shipped by other industries were entirely accounted for by shipments from industries 2211, Weaving Mills, Cotton; 2221, Weaving Mills, Synthetics; and 2823, Cellulosic Man-Made Fibers.

¹⁰Includes shipments of from \$5 to \$10 million of 22111, Cotton duck and allied fabrics, from \$15 to \$20 million of 22811, Carded cotton yarns, from \$2 to \$5 million of 22812, Combed cotton yarns and from \$5 to \$10 million of 22814, Other spun man-made fiber and silk yarns.

¹¹Includes \$4,771 thousand shipped by industry 2283, Wool Yarn Mills, also includes an amount greater than \$20 million shipped by industry 2231, Weaving, Finishing Mills, Wool. The exact figure is withheld to avoid disclosure of individual company data.

¹²Includes over \$3 million of product class 22831, Wool yarns, except carpet yarns.

¹³Includes between \$5 and \$10 million shipped by industry 2299, Textile Goods, N.E.C. In addition, industry 2281, Yarn Mills, Except Wool, had shipments between \$2 and \$5 million.

¹⁴Includes \$5 million shipped by industry 2293, Padding and Upholstery Filling, and \$4 million shipped by industry 2649, Converted Paper Products, N.E.C. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: industry 2269, Finishing Plants, N.E.C.; industry 2294, Processed Textile Waste; industry 2771, Greeting Card Manufacturing; and industry 2272, Tufted Carpets and Rugs.

¹⁵Includes from \$3 to \$5 million of product class 23990, Fabricated textile products, n.e.c.; data are withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	1963			1958		
			Total production (quantity)	Total shipments, including interplant transfers		Total production (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2291- --	FELT GOODS, EXCEPT WOVEN FELTS AND HATS, TOTAL.....	.....	(X)	(X)	119,601	(X)	(X)	94,146
22910 11	Pressed wool felts:							
22910 19	Industrial felts (1/8" thick and over).....	1,000 lbs....	11,770	11,660	19,387	9,226	9,075	14,820
	Other pressed wool felts.....	..do.....	8,314	8,406	12,578	8,353	8,462	12,578
	Punched or needled felts:							
22910 31	Carpet and rug cushions:							
22910 35	Hair and jute.....	1,000 sq. yd.	57,570	58,039	27,547	} (1)	(1)	44,644
	Hair and/or jute laminated with foam, sponge, or other backing.....	..do.....	49,633	50,013	30,933			
22910 41	Other hair and jute felts.....	1,000 lbs....	70,782	67,589	18,013	} 70,991	69,034	18,043
22910 43	Wool felts.....	..do.....	} 24,549	24,541	29,674			
22910 49	Synthetic fiber felts.....	..do.....						
22910 00	Felt goods except woven felts and hats, n.s.k.....	.....	(X)	(X)	1,469	(X)	(X)	4,061
Product code	Product	Unit of measure	Total shipments including interplant transfers					
			1963			1958		
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)	
2292- --	LACE GOODS, TOTAL.....	.....		(X)	49,418		(X)	54,950
22920 11	Leavers lace-machine products:							
22920 19	All-overs.....	1,000 sq. yds.		13,946	17,689		10,427	11,141
	Edgings, insertions, galloons, flouncings, and all other							
	Leavers products.....	..do.....		9,409	13,617		(NA)	18,506
22920 55	Nottingham lace-machine products, including curtains.....	.....	}	(X)	14,267	{	(X)	6,797
22920 98	All other laces and nets, including bobbinets and Barmen laces....	.....		(X)	3,845		(X)	8,121
22920 00	Lace goods, n.s.k.....	.....		(X)			(X)	10,385
2293- --	PADDING AND UPHOLSTERY FILLING, TOTAL.....	1,000 lbs.....		609,908	150,334		576,394	137,807
22930 13	Automotive pads:							
22930 15	Made from cotton linters, cotton waste, and raw cotton.....	1,000 lbs....		191,100	55,058		112,316	31,769
	Made from sisal and all other fibers.....	..do.....		24,954	4,341		345,318	8,817
22930 19	All other paddings of hard fiber.....	..do.....		34,637	7,180		33,143	6,334
22930 32	Batting, wadding, and mattress felts:							
22930 35	Made from cotton linters, cotton waste, and raw cotton.....	1,000 lbs....		222,005	42,459	}	223,636	44,945
22930 39	Made from man-made fibers.....	..do.....		15,352	9,172		51,649	12,957
	Made from other fibers.....	..do.....		29,834	7,966			
22930 51	Upholstery filling:							
22930 59	Curled hair.....	1,000 lbs....		16,809	7,975		22,147	14,530
	Other.....	..do.....		37,177	6,806		341,787	7,362
22930 00	Padding and upholstery filling, n.s.k.....	..do.....		338,040	9,377		346,398	11,093
2294- --	PROCESSED WASTE AND RECOVERED FIBERS AND FLOCK, TOTAL ⁴.....	.....		(X)	83,343		(X)	74,326
22940 12	Fiber recovered from:							
22940 18	Wool clips and rags (new and used).....	1,000 lbs....		20,504	9,962		26,763	13,609
	Other clips and rags.....	..do.....		51,706	7,351		31,087	9,422
22940 21	Fiber recovered from mill waste, excluding fiber recovered from clips and rags:							
22940 23	Cotton.....	1,000 lbs....		55,764	8,430	}	84,367	9,121
22940 27	Wool.....	..do.....		7,882	3,548		12,233	5,513
22940 29	Man-made fibers.....	..do.....		(NA)	34,912		31,630	14,260
	Other fibers.....	..do.....		(NA)	2,870			
22940 41	Flock, all fibers (new stock, waste or reclaimed fiber).....	..do.....		24,303	7,022		(NA)	4,500
22940 51	Oakum.....	..do.....		18,011	3,294		26,363	5,655
22940 00	Processed textile waste and recovered fibers, n.s.k.....	.....		(X)	5,954		(X)	12,246

See footnotes at end of table.

**TABLE 6A. Products and Product Classes—Quantity and Value Shipped
by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2295- --	COATED FABRIC, NOT RUBBERIZED, TOTAL.....	1,000 lin. yds.....	470,467	451,324	427,253	(X)	(X)	245,200
22951 --	Pyroxylin-coated fabrics, total.....	1,000 lin. yds.....	69,894	68,066	39,265	66,696	63,420	38,436
22951 11	On a textile base (excluding shade cloth): Light cotton fabrics (print cloths, sheetings, etc.).....	...do.....	32,894	32,386	19,014	36,269	33,259	19,477
22951 15	Heavy cotton fabrics (ducks, drills, twills, sateens, etc.).....	...do.....	8,584	7,606	6,057	6,874	6,447	6,145
22951 19	Fabrics other than cotton.....	...do.....	28,416	28,074	14,194	21,902	22,063	11,499
22951 71	Shade cloth.....	...do.....	(X)	(X)	(X)	1,651	1,651	1,315
22951 00	Pyroxylin-coated materials, n.s.k.....	.....	(X)	(X)	(X)	1,651	1,651	1,315
22952 --	Resin-coated fabrics, total.....	1,000 lin. yds.....	186,821	173,286	233,396	96,825	93,229	121,165
22952 11	Lightweight fabrics (finished weight 10 oz. and under per sq. yd.).....	...do.....	36,328	26,197	23,469	18,719	15,285	13,491
22952 52	Heavyweight fabrics (finished weight over 10 oz. per sq. yd.): Woven fabric base.....	...do.....	89,923	87,232	120,155	75,961	75,799	104,887
22952 53	Knitted fabric base.....	...do.....	54,399	53,784	81,850			
22952 54	Nonwoven fabric base.....	...do.....	4,471	4,373	5,633			
22952 00	Resin-coated fabrics, n.s.k.....	...do.....	31,700	31,700	2,289	32,145	32,145	2,787
22953 --	Other impregnated and coated fabrics (except rubber coated), total.....	1,000 lin. yds.....	201,710	197,930	137,379	(X)	(X)	80,575
22953 11	Varnished insulating fabrics.....	...do.....	15,232	14,657	9,512	(X)	(X)	6,257
22953 52	Plastic laminated sheets on a textile or random fiber: Lightweight fabrics (finished weight 10 oz. and under per sq. yd.).....	1,000 lin. yds.....	20,039	19,909	11,065	29,987	28,110	25,628
22953 53	Heavy weight fabrics (finished weight over 10 oz. per sq. yd.).....	...do.....	37,300	37,137	42,248			
22953 98	Other impregnated and coated fabrics.....	...do.....	124,980	122,068	71,688	(X)	(X)	47,852
22953 00	Other impregnated and coated fabrics (except rubber coated) n.s.k.....	...do.....	34,159	34,159	2,866	(X)	(X)	838
22950 00	Coated fabrics, except rubberized, n.s.k.....	...do.....	312,042	312,042	17,213	(X)	(X)	5,024

Product code	Product	1963					1958		
		Total production	Total shipments, including interplant transfers		Transfers to other plants of the same company		Total production	Total shipments, including interplant transfers	
			Quantity (1,000 pounds)	Value (\$1,000)	Quantity (1,000 pounds)	Value (\$1,000)		Quantity (1,000 pounds)	Value (\$1,000)
2296- --	TIRE CORD AND FABRIC, TOTAL.....	425,189	405,439	349,179	296,663	257,416	388,712	394,489	332,132
22960 10	Cotton tire cord and tire fabric: Total as reported in the census of manufactures.....	12,771	13,948	12,116	9,460	6,673	38,281	38,828	24,187
	Total as reported on Census Quarterly Form M22T.....	12,892	(X)	(X)	(X)	(X)	37,520	(X)	(X)
22960 12	Tire cord and tire cord fabric.....	932	(X)	(X)	(X)	(X)	6,755	(X)	(X)
22960 14	Chafer and other tire fabric.....	11,960	(X)	(X)	(X)	(X)	30,765	(X)	(X)
22960 30	Man-made fiber tire cord and tire fabric: Total as reported in the census of manufactures.....	412,418	391,491	337,063	287,203	250,743	350,431	355,661	307,945
	Total as reported on census quarterly Form M22T.....	411,289	(X)	(X)	(X)	(X)	349,545	(X)	(X)
22960 32	Rayon tire cord and tire cord fabric.....	196,127	(X)	(X)	(X)	(X)	248,291	(X)	(X)
22960 36	Nylon tire cord and tire cord fabric.....	204,237	(X)	(X)	(X)	(X)	95,576	(X)	(X)
22960 38	Polyester tire cord and tire cord fabric.....						5,678	(X)	(X)
	Chafer and other man-made fiber tire fabric.....	10,925	(X)	(X)	(X)	(X)			

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped
by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2298- --	CORDAGE AND TWINE—Continued					
22982 --	Soft fiber cordage and twine (except cotton), total.....	1,000 lbs.....	90,839	59,794	(X)	34,095
	Man-made fiber cordage and twine:					
22982 14	Fish line.....	..do.....	849	5,581	(NA)	9,749
22982 17	Rope.....	..do.....	15,282	19,558	3,426	5,701
22982 19	All other man-made fiber cordage and twine.....	..do.....	6,872	13,534	(NA)	(¹⁰)
	Soft fiber cordage and twine, except cotton or man-made:					
22982 23	Jute.....	..do.....	20,490	6,696	12,857	4,641
22982 25	Paper.....	..do.....	42,717	11,309	19,978	5,370
22982 27	Other.....	..do.....	904	665	(X)	¹⁰ 8,634
22982 00	Soft fiber cordage and twine, except cotton, n.s.k.....	..do.....	33,725	2,451		
22983 --	Cotton cordage and twine, total.....	..do.....	57,181	38,186	(X)	40,446
22983 11	Braided cord.....	..do.....	18,863	13,128	19,198	12,317
22983 25	Wrapping, seine, and other twine ¹¹.....	..do.....	33,921	20,410	27,707	15,306
22983 98	All other cotton cordage ¹¹.....	..do.....	3,263	3,884	6,068	6,742
22983 00	Cotton cordage and twine, n.s.k.....	..do.....	31,134	764	(X)	6,081
22980 00	Cordage and twine, n.s.k.....	..do.....	310,337	4,786	(X)	5,521
Product code	Product	Unit of measure	1963		1958	
			Production for all purposes (quantity)	Total shipments, including interplant transfers	Production for all purposes (quantity)	Total shipments, including interplant transfers
				Quantity Value (\$1,000)		Quantity Value (\$1,000)
2299- --	TEXTILE GOODS, N.E.C., TOTAL.....	.....	(X)	(X) 163,867	(X)	(X) 123,568
22991 --	Bonded fiber fabrics and nonwoven ribbons, total....	.....	(X)	(X) ¹² 110,568	(X)	(X) (¹³)
	Bonded fiber fabrics (nonwoven textiles):					
22991 01	Total as reported in the census of manufactures.	1,000 lbs...	96,179	76,017	(NA)	(NA)
	Total as reported on annual census Form MA-22T..	..do.....	95,475	(X)	(NA)	(NA)
22991 02	Primarily cotton.....	..do.....	17,807	(X)	(NA)	(NA)
22991 04	Primarily rayon.....	..do.....	44,042	(X)	(NA)	(NA)
22991 06	Primarily other fibers.....	..do.....	33,626	(X)	(NA)	(NA)
	Nonwoven ribbons for gift tyings:					
22991 03	Christmas gift tyings.....	1,000 lin. yds.....	(X)	1,685,486	(X)	(X) (¹⁴)
22991 05	Other gift tyings.....	..do.....	(X)	1,298,804	(X)	(X) (¹⁴)
22991 00	Bonded fiber fabrics and nonwoven ribbons, n.s.k..	.....	(X)	(X) 1,143	(X)	(X)
22992 --	Jute goods (except jute felts), linen goods, and other textile goods, n.e.c., total.....	.....	(X)	(X) 42,923	(X)	(X) 54,011
22992 61	Jute yarn, bagging and all other jute woven goods, except felts.....	.....	(X)	(X) 22,898	(X)	(X) 23,715
22992 75	Linen thread, fabric, and other linen goods.....	.....	(X)	(X) 13,394	(X)	(X) 14,719
22992 00	Other textile goods, n.e.c., including jute or linen goods, n.s.k.....	.....	(X)	(X) 6,631	(X)	(X) 15,577
22990 00	Textile goods, n.e.c., not specified by kind.....	.....	(X)	(X) 10,376	(X)	(X) ¹³ 69,557

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
n.e.c. Not elsewhere classified.
n.s.k. Not specified by kind.

¹In 1958, the quantity data for carpet and rug cushions were collected in thousands of pounds. The total production was reported as 197,438 thousand pounds and the quantity shipped as 198,160 thousand pounds.

²Wool felts account for approximately 10 to 20 percent of this total.

³Quantity data estimated or partially estimated based on the unit-value relationship reported for other products.

⁴Does not include sales by textile mills of "original" mill wastes such as card strips, noils, and sweepings.

⁵Polyester tire cord and tire fabric accounts for less than 3 percent of the total shown. Separate data were not collected for this product prior to 1963.

Footnotes continued on next page.

Footnotes for Table 6A--22F

⁶Establishments producing tops and noils also report their production monthly on Census Form M22D, Consumption of Fibers in Woolen Spinning and Production of Top, Noils and Sales Yarn. The 1963 data as previously published for this survey are shown below while the comparable totals reported in the Census of Manufactures are shown in table 6A.

The differences between the totals shown in these tables are generally due to reporting variations for individual plants furnishing data in both surveys. However, the difference shown for top other than wool resulted from the omission of several plants from the monthly survey.

PRODUCTION OF TOPS AND NOILS COMBED: 1963 AND 1958

Product	Total production (1,000 pounds)	
	1963	1958
Tops and noils combed, total...	173,265	132,332
Top production:		
Wool of the sheep.....	134,596	98,660
60's and finer.....	71,794	62,294
50's up to 60's.....	55,131	30,581
48's and coarser.....	7,671	5,785
Other top.....	21,007	19,698
Mohair.....	(D)	5,566
Man-made fibers.....	3,435	8,784
Other fibers.....	(D)	5,348
Noil production:		
Wool of the sheep.....	14,982	12,105
60's and finer.....	8,486	7,999
50's up to 60's.....	5,644	3,588
48's and coarser.....	852	518
Other noils.....	2,680	1,869
Mohair.....	(D)	581
Man-made fibers.....	275	488
Other fibers.....	(D)	800

⁷For 1963, product code 2297065 is included with product code 2297000.

⁸Commission receipts are not included in total shown above for 2297--Scouring and Combing Mill products.

⁹Excludes production of cordage and twine used in further manufacturing.

¹⁰For 1958, shipments of soft fiber cordage and twine for net making and net repairing are included with product code 2298200.

¹¹For 1958, product code 2298398 includes "all other twine;" whereas these data are included in product code 2298325 for 1963.

¹²Includes some duplication since some nonwoven ribbons are made from purchased nonwoven fabrics.

¹³In 1958, data for bonded fiber fabrics, code 22991--, are included with textile goods, n.s.k., code 2299000. This combination was made because the data were unsatisfactorily reported due to problems associated with the product definition.

¹⁴Separate data were not collected prior to 1963.

**TABLE 6B. Product Classes—Indexes of Production and
Unit Value for Primary Products Shipped by
All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
229	Miscellaneous textile goods ¹.....1963..	153	99
	.....1958..	126	99
2291	Felt goods, except woven felts and hats.....1963..	105	127
	.....1958..	99	106
2292	Lace goods.....1963..	83	108
	.....1958..	115	88
2293	Padding and upholstery filling.....1963..	102	91
	.....1958..	99	93
2294	Processed waste and recovered fibers and flock.....1963..	78	101
	.....1958..	84	115
2295	Coated fabric, not rubberized.....1963..	191	100
	.....1958..	111	102
22951	Pyroxylin-coated fabrics.....1963..	81	107
	.....1958..	72	108
22952	Resin-coated fabrics.....1963..	195	102
	.....1958..	105	99
22953	Other impregnated and coated fabrics, (except rubber coated).....1963..	288	89
	.....1958..	152	105
2296	Tire cord and fabric.....1963..	113	92
	.....1958..	108	92
2297	Scouring and combing mill products.....1963..	125	95
	.....1958..	118	84
2298	Cordage and twine.....1963..	113	91
	.....1958..	88	94
22981	Hard fiber cordage and twine.....1963..	97	104
	.....1958..	84	96
22982	Soft fiber cordage and twine (except cotton)....1963..	187	75
	.....1958..	86	93
22983	Cotton cordage and twine.....1963..	69	99
	.....1958..	83	93

¹Adjusted to include textile goods, n.e.c., such as bonded fiber fabrics and nonwoven ribbons (product class 22991).

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
22910	Pressed, punched, or needled felts, except hats.....\$1,000..	119,601	110,916	99,096	100,384	103,450	94,146	89,094	58,875
22920	Lace goods.....\$1,000..	49,418	59,037	59,117	52,234	63,518	54,950	54,601	64,299
22930	Paddings, upholstery filling, batting and wadding, excluding foam rubber and vinyl:								
	Quantity.....1,000 lbs..	609,908	(NA)	(NA)	(NA)	(NA)	576,394	(NA)	521,819
	Value.....\$1,000..	150,334	135,744	128,741	136,358	144,912	137,807	149,417	112,897
22940	Recovered fibers, processed mill waste and related products.....\$1,000..	83,343	76,400	71,333	73,010	77,558	74,326	76,629	55,296
2295-	Coated fabric, not rubberized:								
	Quantity.....1,000 lin yds..	451,324	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	427,253	371,355	331,424	316,830	305,622	245,200	215,204	162,350
22951	Pyroxylin-coated fabrics:								
	Quantity.....1,000 lin yds..	68,066	(NA)	(NA)	(NA)	(NA)	63,420	85,143	101,184
	Value.....\$1,000..	39,265	42,671	39,717	36,860	41,059	38,436	49,050	62,495
22952	Resin-coated fabrics:								
	Quantity.....1,000 lin yds..	173,286	(NA)	(NA)	(NA)	(NA)	93,229	91,756	(NA)
	Value.....\$1,000..	233,396	190,641	182,194	172,424	157,976	121,165	115,866	36,907
22953	Other impregnated and coated fabrics (except rubber coated):								
	Quantity.....1,000 lin yds..	197,930	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	137,379	130,238	105,233	101,862	100,066	80,575	50,288	62,948
22950	Coated fabrics, except rubberized n.s.k.:								
	Quantity.....1,000 lin yds..	12,042	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	17,213	7,805	4,280	5,684	6,521	5,024	(NA)	(NA)
22960	Tire cord and tire fabrics:								
	Quantity.....1,000 lbs..	405,439	(X)	(X)	(X)	(X)	394,489	431,583	(NA)
	Value.....\$1,000..	349,179	354,921	311,467	332,183	391,565	332,132	334,985	363,422
22970	Scouring and combing mill products...\$1,000..	111,077	87,649	94,916	92,866	107,125	89,696	91,036	116,909
2298-	Cordage and twine:								
	Quantity.....1,000 lbs..	311,723	(NA)	(NA)	(NA)	(NA)	(NA)	403,996	440,259
	Value.....\$1,000..	145,042	154,033	147,086	148,398	132,742	132,322	159,853	169,373
22981	Hard fiber cordage and twine:								
	Quantity.....1,000 lbs..	153,376	(NA)	(NA)	(NA)	(NA)	201,341	249,343	272,898
	Value.....\$1,000..	42,276	49,709	46,706	45,168	50,103	52,260	64,759	67,962
22982	Soft fiber cordage and twine (except cotton):								
	Quantity.....1,000 lbs..	90,839	(NA)	(NA)	(NA)	(NA)	(NA)	76,563	75,668
	Value.....\$1,000..	59,794	44,875	40,083	38,552	35,506	34,095	42,486	32,748
22983	Cotton cordage and twine:								
	Quantity.....1,000 lbs..	57,181	(NA)	(NA)	(NA)	(NA)	(NA)	78,090	91,693
	Value.....\$1,000..	38,186	35,392	36,575	40,175	40,061	40,446	52,608	68,663
22980	Cordage and twine, n.s.k.:								
	Quantity.....1,000 lbs..	10,337	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	4,786	24,057	23,722	(S)	(S)	5,521	(NA)	(NA)
2299-	Textile goods, n.e.c.....\$1,000..	163,867	131,699	127,307	129,877	131,805	123,568	(³)	(³)
22991	Bonded fiber fabrics (nonwoven textiles) including nonwoven ribbons for gift tying.....\$1,000..	110,568	(²)	(²)	(²)	(²)	(²)	(³)	(³)
22992	Jute goods (except jute felts) linen goods and other textile goods n.e.c.....\$1,000..	42,923	45,278	44,826	49,178	53,297	54,011	(³)	(³)
22990	Textile goods, n.s.k.....\$1,000..	10,376	² 86,421	² 82,481	² 80,699	² 78,508	² 69,557	(³)	(³)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²For 1958-1962, data for nonwoven fabrics are included with product class 22990. This combination was made because the data were unsatisfactorily reported due to problems associated with the product definitions.

³Data not collected separately prior to 1958.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments
	1963 ¹	1958		1963 ¹	1958		1963 ¹
RESIN-COATED FABRICS (22952)			OTHER IMPREGNATED AND COATED FABRICS (EXCEPT RUBBER COATED) (22953)—Continued			SOFT FIBER CORDAGE AND TWINE (EXCEPT COTTON) (22982)—Continued	
United States, total....	233,396	121,165				East North Central.....	6,256
New England.....	53,043	26,697	North Central.....	43,737	(²)	Michigan.....	4,446
Massachusetts.....	29,924	18,914	Michigan.....	2,263	(²)	West North Central.....	1,581
Connecticut.....	20,418	(²)	South.....	7,510	(²)	South Atlantic.....	10,910
Middle Atlantic.....	49,614	41,544	Pacific.....	2,656	1,802	North Carolina.....	1,308
New York.....	19,854	12,815				Georgia.....	3,626
North Central.....	102,322	(²)	HARD FIBER CORDAGE AND TWINE (22981)	1963 ¹		East South Central.....	6,089
Ohio.....	44,285	(²)	United States, total....		42,276	West South Central.....	1,318
South.....	9,028	(²)	Northeast.....		25,184	West.....	6,348
North Carolina.....	5,588	(²)	North Central.....		7,134	California.....	4,982
Pacific.....	19,393	5,302	South and West.....		9,958	COTTON CORDAGE AND TWINE (22983)	
California.....	19,393	(²)				United States, total....	38,186
OTHER IMPREGNATED AND COATED FABRICS (EXCEPT RUBBER COATED) (22953)			SOFT FIBER CORDAGE AND TWINE (EXCEPT COTTON) (22982)			New England.....	1,102
United States, total....	137,379	80,575	United States, total....		59,794	Middle Atlantic.....	1,978
New England.....	36,065	22,031	New England.....		10,572	New York.....	1,238
Massachusetts.....	25,289	17,740	Massachusetts.....		5,390	South.....	33,845
Rhode Island.....	6,806	(²)	Connecticut.....		3,198	North Carolina.....	15,111
Connecticut.....	3,970	(²)	Middle Atlantic.....		16,720	Georgia.....	5,907
Middle Atlantic.....	47,411	21,266	New York.....		10,505	All other divisions.....	1,261
New York.....	26,547	8,488	New Jersey.....		3,846		
New Jersey.....	17,598	12,778	Pennsylvania.....		2,369		
Pennsylvania.....	3,266	(²)					

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 22952, Maine, Rhode Island, New Jersey, Pennsylvania, Indiana, Illinois, Michigan, Wisconsin, Tennessee; 22953, Ohio, Illinois, Missouri, Delaware, Tennessee, California; 22981, Massachusetts, New York, New Jersey, Pennsylvania, Ohio, Illinois, Missouri, Louisiana, California; 22982, Rhode Island, Ohio, Iowa, Delaware, Virginia, Alabama, Mississippi, Louisiana, Washington; 22983, South Carolina, Kentucky, Alabama, Texas.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)
		INDUSTRY 2291.—FELT GOODS, N.E.C.	
	Materials, containers, and supplies, total.....	(X)	64,981
999806	Cotton waste.....	1,416	1,060
229701	Raw wool, mohair and other animal fibers.....	31,879	7,492
999823	Wool noils and waste.....	10,116	5,122
999807	Other fibers (synthetic staple, tow, waste, etc.).....	95,840	10,087
999825	New and used rags, clips, etc.....	57,885	4,191
970099	All other materials, containers, and supplies consumed ¹	(X)	20,366
976000	Materials, containers, supplies, n.s.k. ²	(X)	16,663

Code	Material	1963		1958	
		Quantity (1,000 pounds)	Delivered cost (\$1,000)	Quantity (1,000 pounds)	Delivered cost (\$1,000)
		INDUSTRY 2292.—LACE GOODS			
	Materials, containers, and supplies, total.....	(X)	19,642	(X)	22,366
228102	Cotton yarns.....	3,753	3,891	2,406	2,106
282011	Man-made fiber yarn (rayon, acetate, nylon, etc.).....	5,034	8,525	5,032	9,826
970099	All other materials, containers, and supplies consumed ¹	(X)	4,384	(X)	5,530
976000	Materials, containers, supplies, n.s.k. ²	(X)	2,842	(X)	4,904
		INDUSTRY 2293.—PADDING AND UPHOLSTERY FILLING			
	Materials, containers, and supplies, total.....	(X)	80,684	(X)	73,503
011202	Raw cotton.....	6,965	1,666	10,205	3,407
999806	Cotton waste.....	186,296	14,845	147,613	13,722
209131	Cotton linters.....	194,532	14,800	161,768	12,564
229701	Raw wool, mohair and other animal fibers.....	5,274	706	-	-
999807	Other fibers (synthetic staple, tow, waste, etc.).....	117,225	15,042	39,403	3,985
999825	New and used rags, clips, etc.....	13,817	1,066	8,357	667
970099	All other materials, containers, and supplies consumed ¹	(X)	16,512	(X)	31,166
976000	Materials, containers, and supplies, n.s.k. ²	(X)	16,047	(X)	7,992
		INDUSTRY 2294.—PROCESSED TEXTILE WASTE			
	Materials, containers, and supplies, total.....	(X)	52,623	(X)	48,966
999806	Cotton waste.....	58,913	5,065	94,626	5,854
999823	Wool noils and waste.....	9,486	3,201	11,459	3,855
999807	Other fibers (synthetic staple, tow, waste, etc.).....	(NA)	26,353	58,119	12,471
999825	New and used rags, clips, etc.....	77,616	10,666	65,724	15,723
970099	All other materials, containers, and supplies consumed ¹	(X)	3,283	(X)	3,910
976000	Materials, containers, supplies, n.s.k. ²	(X)	4,055	(X)	7,153

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2295.—COATED FABRIC, NOT RUBBERIZED			
	Materials, containers, and supplies, total.....		(X)	245,576	(X)	138,957
282011	Man-made fiber yarn (rayon, acetate, nylon, etc.).....	1,000 lbs.....	281	594	-	-
282137	Vinyl and vinyl copolymer resins, all forms.....	..do.....	140,225	27,357	63,533	22,571
220234	Cotton fabrics.....	1,000 lin. yds..	272,265	90,838	186,461	51,366
220241	Man-made fiber fabrics, including glass.....	..do.....	28,540	19,128	15,277	5,599
280051	Pigment.....	1,000 lbs.....	(3)	(3)	17,116	4,222
288031	Vegetable oils, including crude and processed.....	..do.....	(3)	(3)	8,507	1,515
282371	Pyroxylin.....	..do.....	(3)	(3)	19,737	5,045
970099	All other materials, containers, and supplies consumed ¹		(X)	79,708	(X)	32,318
976000	Materials, containers, supplies, n.s.k. ²		(X)	27,951	(X)	16,321

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2296.—TIRE CORD AND FABRIC	
	Materials, containers, and supplies, total.....		(X)	298,632
011201	Raw cotton.....	Bales.....	104,423	18,080
282301	Rayon and acetate filament yarn.....	1,000 lbs.....	161,231	77,815
282402	All other man-made filament yarn, except glass.....	..do.....	174,891	162,004
228101	Purchased spun yarn, all fibers, including transfers from other plants of your company.....	..do.....	646	341
970099	All other materials, containers, and supplies consumed ¹		(X)	40,392
			INDUSTRY 2297.—SCOURING AND COMBING PLANTS	
	Materials, containers, and supplies, total.....		(X)	70,688
229701	Raw wool, mohair, and other animal fibers.....	1,000 lbs.....	45,085	46,886
282421	All other man-made fiber staple and tow, except glass.....	..do.....	5,364	3,473
281531	Dyes, lakes, and toners.....		(X)	763
970099	All other materials, containers, and supplies consumed ¹		(X)	7,229
976000	All other materials, n.s.k. ²		(X)	12,337
			INDUSTRY 2298.—CORDAGE AND TWINE	
	Materials, containers, and supplies, total.....		(X)	82,829
228102	Cotton yarns.....	1,000 lbs.....	18,525	7,710
282011	Man-made fiber yarn (rayon, acetate, nylon, etc.).....	..do.....	19,692	16,369
970099	All other materials, containers, and supplies consumed ¹		(X)	51,308
976000	Materials, containers, supplies, n.s.k. ²		(X)	7,442

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹May include data for some materials listed above.

²Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

³Data for these materials were not collected separately in 1963.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Felt goods (SIC 2291)	Lace goods (SIC 2292)	Padding and upholstery filling (SIC 2293)	Processed textile waste (SIC 2294)	Coated fabric, not rubberized (SIC 2295)	Tire cord and fabric (SIC 2296)	Scouring and combing plants (SIC 2297)	Cordage and twine (SIC 2298)	Textile goods, n.e.c. (SIC 2299)
Total cost of purchased fuels and electric energy.....\$1,000..	1,902	1,156	1,932	1,832	5,522	3,635	1,968	1,375	1,727
Total cost of purchased fuels.....do....	979	637	757	524	3,147	472	962	358	630
Bituminous coal, lignite, and anthracite:									
Quantity.....1,000 short tons..	11	(S)	28	(S)	51	9	(S)	16	(S)
Cost.....\$1,000..	85	(S)	223	(S)	411	77	(S)	96	(S)
Coke and breeze:									
Quantity.....1,000 short tons..	-	-	-	-	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-	-	-	-	-
Fuel oil (distillate and residual):									
Quantity.....1,000 barrels of 42 gallons..	216	(S)	(S)	88	597	(S)	194	43	34
Cost.....\$1,000..	643	(S)	(S)	275	1,666	(S)	628	128	123
Gas (natural, manufactured, still, blast furnace, and coke oven):									
Quantity.....million cu.ft..	440	(S)	302	(S)	1,690	573	436	176	333
Cost.....\$1,000..	230	(S)	196	(S)	1,027	300	156	77	123
Other fuels.....do....	(S)	97	103	66	(S)	52	169	57	324
Electric energy:									
Purchased:									
Quantity.....million kw.-hrs..	55	28	65	78	151	385	75	82	90
Cost.....\$1,000..	923	519	1,175	1,308	2,375	3,163	1,006	1,017	1,097
Generated less sold.....million kw.-hrs..	(S)	(S)	-	(S)	(S)	-	(S)	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	36	-	46	-	128	123	43	42	31
Prime movers, total.....do....	6	-	2	-	15	3	3	1	1
Driving generators.....do....	2	-	1	-	12	-	(Z)	(Z)	(Z)
Not driving generators.....do....	4	-	1	-	3	3	3	1	1
Electric motors, total.....do....	31	-	44	-	124	120	40	41	30
Driven by purchased energy.....do....	30	-	44	-	113	120	40	41	30
Driven by energy generated at establishment.....do....	(Z)	-	-	-	10	-	(Z)	-	-
Aggregate horsepower per 100 production workers.....	1,063	-	754	-	1,407	1,355	856	565	555

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2291-	FELT GOODS, N.E.C.										
	Entire industry.....	36	4,952	27,011	4,042	8,658	20,016	58,625	75,969	133,998	1,791
	Establishments with--										
	90% or more specialization..	29	3,487	19,985	2,774	5,853	14,511	43,941	57,102	100,411	1,176
2293-	PADDING AND UPHOLSTERY FILLING										
	Entire industry.....	183	6,932	33,651	5,718	12,036	25,156	65,588	91,083	156,539	1,934
	Establishments with--										
	90% or more specialization..	153	3,846	18,485	3,130	6,741	13,108	34,403	52,399	86,900	620
	75-89% specialization.....	8	1,054	5,941	913	1,928	4,959	12,058	13,258	25,377	495
2295-	COATED FABRIC, NOT RUBBERIZED										
	Entire industry.....	162	13,705	89,235	10,240	22,067	58,844	179,307	257,998	435,743	12,396
	Establishments with--										
	90% or more specialization..	109	5,765	36,378	4,280	9,158	23,296	72,631	104,745	177,457	5,608
	75-89% specialization.....	13	4,221	30,159	3,107	6,893	20,378	61,893	85,010	145,837	4,967
22951	Pyroxylin-coated fabrics (primary product class of estab.).....	13	1,577	9,157	1,379	2,868	7,026	18,619	31,606	50,638	1,419
22952	Resin-coated fabrics (primary product class of estab.).....	44	7,009	46,862	5,091	11,203	30,243	94,628	140,941	234,168	6,611
	Establishments with--										
	90% or more specialization....	23	2,348	15,261	1,698	3,777	9,702	35,857	50,170	86,051	3,410
	75-89% specialization.....	6	2,667	18,226	1,921	4,403	11,953	38,002	60,844	97,975	2,191
22953	Other impregnated and coated fabrics (primary product class of estab.).....	48	4,268	28,303	3,115	6,646	18,516	57,644	67,962	125,109	3,687
	Establishments with--										
	90% or more specialization....	36	1,443	8,592	1,051	2,202	4,913	16,795	23,596	40,597	766
2296-	TIRE CORD AND FABRIC										
	Entire industry.....	20	9,163	35,139	8,347	16,388	30,041	72,267	303,588	375,689	3,010
	Establishments with--										
	90% or more specialization..	15	4,844	18,967	4,354	8,523	16,019	43,631	200,260	243,690	1,765
2298-	CORDAGE AND TWINE										
	Entire industry.....	167	8,920	34,524	7,704	14,835	26,590	57,614	91,405	149,331	2,689
	Establishments with--										
	90% or more specialization..	147	6,232	24,193	5,434	10,444	18,765	41,221	67,107	108,042	2,159
	75-89% specialization.....	12	1,007	4,284	822	1,553	2,937	6,558	9,873	16,944	354
22981	Hard fiber cordage and twine (primary product class of estab.)	22	2,830	12,284	2,406	4,680	9,357	20,100	36,019	55,547	1,060
	Establishments with--										
	90% or more specialization....	12	549	2,291	470	898	1,817	4,692	9,121	12,804	33
22982	Soft fiber cordage and twine (except cotton) (primary product class of estab.).....	64	2,439	9,620	2,045	3,822	6,913	17,002	22,650	40,237	1,103
	Establishments with--										
	90% or more specialization....	46	1,383	4,887	1,193	2,163	3,735	9,883	11,099	21,003	793
	75-89% specialization.....	8	381	1,582	300	598	993	2,741	3,005	5,840	83
22983	Cotton fiber cordage and twine (primary product class of estab.)	35	3,420	11,684	3,068	5,960	9,665	18,688	29,810	48,772	470
	Establishments with--										
	90% or more specialization....	20	1,174	3,738	1,110	2,172	3,264	6,017	10,922	16,932	146
	75-89% specialization.....	6	427	1,288	404	755	1,171	1,885	3,241	5,272	64

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2299-	TEXTILE GOODS, N.E.C.										
	Entire industry.....	137	7,283	34,858	5,823	11,665	22,925	78,746	91,606	169,770	5,284
	Establishments with--										
	90% or more specialization..	100	4,026	18,545	3,189	6,372	12,138	39,599	47,684	87,247	3,711
	75-89% specialization.....	15	1,802	9,050	1,442	2,961	5,873	21,241	22,871	43,426	901
22991	Bonded fiber fabrics (nonwoven textiles including nonwoven ribbons for gift tyings)(primary product class of estab.).....	40	3,996	21,829	2,920	5,839	12,703	51,802	57,640	109,209	4,278
	Establishments with--										
	90% or more specialization....	26	2,291	11,689	1,639	3,304	6,714	26,884	30,254	57,269	3,159
22992	Jute goods (except jute felts), linen goods and other textile goods, n.e.c. (primary product class of estab.).....	35	2,602	10,248	2,297	4,608	7,973	19,418	26,057	45,050	564
	Establishments with--										
	90% or more specialization....	22	1,232	4,928	1,107	2,189	3,831	8,467	11,514	19,746	232

n.e.c. Not elsewhere classified.

Apparel and Related Products

- 23A Men's and boys' apparel
- 23B Women's and misses' outerwear
- 23C Women's and children's underwear; headwear;
children's outerwear
- 23D Miscellaneous apparel and accessories
- 23E Miscellaneous fabricated textile products

This major group of industries, generally known as the "cutting-up and needle trades," includes establishments producing clothing and fabricated textile products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs. Excluded from this group are knitting mills primarily engaged in manufacturing apparel from yarns knitted in the same establishment; such plants are included in Group 225, Knitting Mills. Weaving mills that further fabricate the fabric at the same establishment into such end products as sheets, towels, and pillowcases are classified in Major Group 22, Textile Mill Products. Plants producing leather shoes and gloves are classified in Major Group 31, Leather and Leather Products, and rubber footwear in Industry 3021, Rubber Footwear. Custom tailors and dress-makers, who manufacture and sell apparel in the same retail establishment, are classified as nonmanufacturing. Similarly, establishments which are primarily wholesalers or dealers (in that they purchase and resell finished garments but do not perform the functions of the apparel jobbers described below) are classified in wholesale trade.

There are three types of establishments which operate in the apparel industries included in Major Group 23: (1) The regular factories or "manufacturers"; (2) the apparel "jobbers"; and (3) the contract factories or "contractors." The manufacturers purchase fabric, employ production workers in their own plants to cut and sew the materials into apparel, and sell the final product. In effect, such establishments perform all of the usual manufacturing functions within their own establishments. The jobbers, on the other hand, primarily perform the entrepreneurial functions of a manufacturing company

such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials, and selling of the finished apparel. The actual processing (cutting, sewing, etc.) is performed on contract by the apparel contractors, although many jobbers perform the cutting operation in their own establishments. Apparel jobbers are included in manufacturing. However, jobbers of miscellaneous fabricated textile products, such as curtains, draperies, etc., are classified in the wholesale trade industries and were included in the census of business.

In reporting on the census of manufactures questionnaires, the manufacturers show figures on employment, cost of raw materials, and value of products made and sold. The apparel jobbers report data comparable to the manufacturers on the cost of raw materials and the value of products, but very little employment at their establishments. The labor costs incurred in producing their garments are included by the jobbers in cost of contract work. The value added by manufacture shown for apparel jobbers, as for all other manufacturing industries, exclude the cost of contract work as well as the cost of materials. The contractors, on the other hand, report their employment and receipts for contract work rather than the value of products. These contract plants do not report the cost of materials which they process but only the cost of their own operating supplies. As a result, for contractors, the ratio of wages and salaries to value added by manufacture is substantially higher than the ratio for manufacturers, which, in turn, is substantially greater than for jobbers.

In order to point up these significant differences in the relationship between wages and salaries paid, the cost of materials, the value

of products, and value added by manufacture for the three types of establishment, plants were classified by their primary method of operations as "manufacturer," "jobber," or "contractor." Separate data are generally shown for each type of establishment in the individual industry reports.

In this connection it should be noted that establishments in these industries may also employ more than one method of operation. For example, some establishments will act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation classification to manufacturer-jobber plants, their relationship between wages and salaries paid to the cost of contract work was used. If wage and salary

payments exceeded contract work payments, the plant was classified as a manufacturer; if the contract payments exceeded the wages and salary payments, the plant was classified as a jobber. Similarly, for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation. In the case of some multiunit companies, it was necessary to treat stitching plants at separate locations as contract plants because of the recordkeeping practices of the companies. This somewhat inflates the amount of contract payments and receipts as they are usually described in the trade, which thinks of contractors in terms of independently owned establishments.

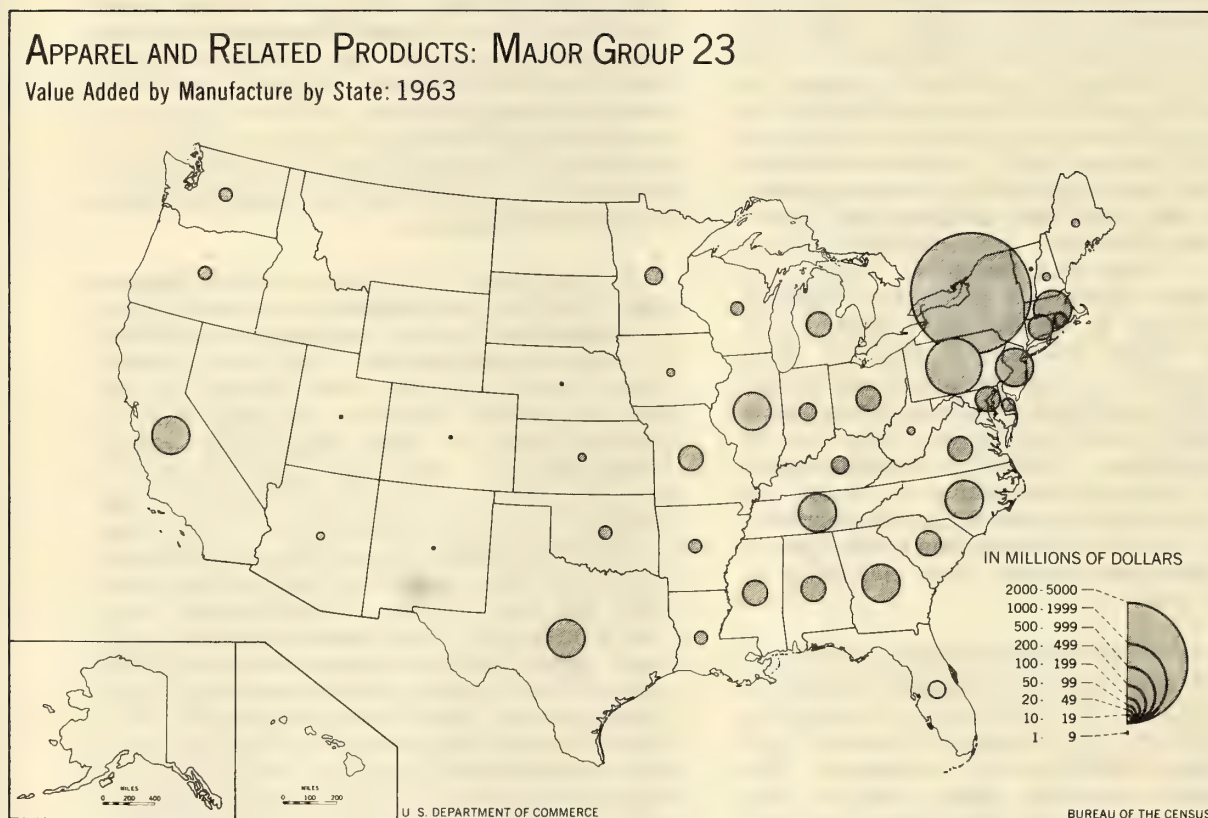


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963	28 675	13 123	1 290 536	4 508 783	1 132 859	2 052 569	3 482 286	7 861 011	9 327 317	17 096 862	128 582
1958	29 545	(NA)	1 188 530	3 637 728	1 042 081	1 837 335	2 770 833	6 001 148	(NA)	13 113 683	90 458
1954	(NA)	13 116	1 195 779	3 236 141	1 069 867	1 898 999	2 521 135	5 165 547	(NA)	(NA)	76 552
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963	218	112	11 002	85 750	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958	182	(NA)	7 519	51 158	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954	(NA)	(NA)	5 715	34 346	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	28 457	13 011	1 279 534	4 423 033	1 132 859	2 052 569	3 482 286	7 861 011	9 327 317	17 096 862	123 532
1958	29 363	13 034	1 181 011	3 586 570	1 042 081	1 837 335	2 770 833	6 001 148	(NA)	13 113 683	90 458
1954	31 372	13 280	1 190 064	3 201 795	1 069 867	1 898 999	2 521 135	5 165 547	(NA)	(NA)	76 552
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962	(NA)	(NA)	1 234 686	4 162 376	1 084 840	1 952 071	3 223 855	7 134 893	9 018 026	16 099 628	98 126
1961	(NA)	(NA)	1 213 488	3 877 272	1 066 206	1 891 098	3 000 427	6 707 261	8 414 161	15 077 748	79 516
1960	(NA)	(NA)	1 237 526	3 864 563	1 089 344	1 932 354	3 011 880	6 586 576	(NA)	(NA)	83 526
1959	(NA)	(NA)	1 237 289	3 826 855	1 089 678	1 990 224	3 000 976	6 494 905	(NA)	(NA)	88 425
1957	(NA)	(NA)	1 264 308	3 663 658	1 123 029	1 989 301	2 867 336	6 066 503	(NA)	(NA)	106 566
1956	(NA)	(NA)	1 271 241	3 611 780	1 133 718	2 030 749	2 842 370	5 973 170	(NA)	(NA)	87 532
1955	(NA)	(NA)	1 248 354	3 408 191	1 116 783	1 999 832	2 683 907	5 649 508	(NA)	(NA)	85 551
1953	(NA)	(NA)	1 227 161	3 357 941	1 105 498	1 994 996	2 652 212	5 414 627	(NA)	(NA)	60 161
1952	23 979	(NA)	1 142 655	3 079 050	1 018 354	1 875 459	2 403 660	4 849 336	(NA)	(NA)	54 657
1951	23 931	(NA)	1 123 171	2 955 023	1 001 672	1 818 650	2 294 761	4 698 888	(NA)	(NA)	69 309
1950	26 145	(NA)	1 150 624	2 765 215	1 004 635	1 815 125	2 170 191	4 175 974	(NA)	(NA)	62 558
1949	(NA)	(NA)	1 160 808	2 717 143	1 008 696	1 812 868	2 093 843	4 245 194	(NA)	(NA)	53 712
1947	30 963	(NA)	1 081 670	2 525 183	973 029	1 811 120	2 014 758	4 439 597	(NA)	(NA)	33 945
1939	20 275	(NA)	(NA)	(NA)	752 829	(NA)	656 239	1 386 004	(NA)	(NA)	(NA)
1937	16 284	(NA)	(NA)	(NA)	693 112	(NA)	600 424	1 244 542	(NA)	(NA)	(NA)
1935	18 852	(NA)	(NA)	(NA)	630 678	(NA)	545 470	1 122 911	(NA)	(NA)	(NA)
1933	14 801	(NA)	(NA)	(NA)	513 443	(NA)	365 732	325 770	(NA)	(NA)	(NA)
1931	19 650	(NA)	(NA)	(NA)	531 190	(NA)	502 602	1 369 693	(NA)	(NA)	(NA)
1929	22 370	(NA)	680 930	900 936	606 037	(NA)	686 846	1 927 269	(NA)	(NA)	(NA)
1927	21 977	(NA)	648 133	859 447	570 613	(NA)	672 644	1 877 954	(NA)	(NA)	(NA)
1925	18 609	(NA)	(NA)	(NA)	515 264	(NA)	601 603	1 635 332	(NA)	(NA)	(NA)
1923	20 333	(NA)	634 782	815 860	545 491	(NA)	626 818	1 748 238	(NA)	(NA)	(NA)
1921	20 049	(NA)	585 666	732 910	514 666	(NA)	584 036	1 408 056	(NA)	(NA)	(NA)
1919	22 501	(NA)	640 034	769 175	553 715	(NA)	578 077	1 617 726	(NA)	(NA)	(NA)
1914	18 015	(NA)	617 477	355 918	548 255	(NA)	269 953	682 344	(NA)	(NA)	(NA)
1909	16 747	(NA)	(NA)	(NA)	537 275	(NA)	247 061	613 541	(NA)	(NA)	(NA)
1904	12 416	(NA)	423 009	194 188	391 275	(NA)	158 855	413 851	(NA)	(NA)	(NA)
1899	12 619	(NA)	364 430	149 500	337 934	(NA)	123 092	309 057	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For industries reporting the value of production, the adjustment for the change in finished products inventories was not made. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture. See introduction, "Value Added by Manufacture."

³The total value of shipments and cost of materials for industry groups (2 - and 3 - digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵Similar data for administrative and auxiliary units are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962, or prior to 1949.

⁶The 1958 to 1963 data are not completely comparable to data shown for prior years. In 1957 and prior years establishments producing hats, except cloth and millinery, were included in Major Group 22, Textile Mill Products. In 1958 they are included in Major Group 23. In 1954 these plants had 12,988 employees and value added by manufacture of \$61,886 thousand. In addition establishments primarily engaged in shrinking and sponging of cloth are classified in Major Group 22 for 1958, but were included in Major Group 23 for 1957 and prior years. Such establishments in 1958 had 1,723 employees and \$10,709 thousand value added by manufacture.

⁷These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁸The figures for all years except 1939 and 1937 include data for establishments that cut and stitch products from knit cloth made in separate mills of integrated companies. The 1939 and 1937 data for these establishments are included in the figures for the textile mill products industries.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
23	APPAREL AND RELATED PRODUCTS, TOTAL ¹	28 457	13 011	1 279 534	4 423 033	1 132 859	2 052 569	3 482 286	7 861 011	128 582	1 181 011	6 001 148
	NORTHEAST	19 289	8 522	650 907	2 413 642	569 732	1 008 740	1 869 809	4 327 160	57 157	664 795	3 636 405
	NEW ENGLAND	1 654	904	83 542	286 880	74 397	131 127	226 645	485 708	7 282	88 097	429 129
	MAINE	43	26	3 346	10 050	3 086	5 381	8 294	17 123	778	3 072	15 137
	NEW HAMPSHIRE	48	28	1 942	5 939	1 755	3 374	4 999	9 794	1 339	1 479	5 689
	VERMONT	27	15	1 668	4 959	1 503	2 737	4 129	7 193	244	1 882	7 672
	MASSACHUSETTS	1 129	608	56 162	195 069	49 781	86 552	151 985	328 973	4 579	59 586	282 747
	RHODE ISLAND	78	35	3 860	11 933	3 393	6 021	9 659	22 073	209	4 250	20 520
	CONNECTICUT	329	192	16 564	58 930	14 879	27 062	47 579	100 552	1 333	17 828	97 364
	MIDDLE ATLANTIC	17 635	7 618	567 365	2 126 762	495 335	877 613	1 643 164	3 841 452	49 875	576 298	3 207 276
	NEW YORK	12 825	4 944	316 522	1 298 513	266 664	473 910	948 139	2 478 531	28 733	342 269	2 182 480
	NEW JERSEY	2 490	1 058	77 713	274 588	69 849	124 525	227 354	486 913	8 456	75 477	372 472
	PENNSYLVANIA	2 320	1 616	173 130	553 661	158 822	279 178	467 671	876 008	12 686	158 552	652 324
	NORTH CENTRAL	2 608	1 180	146 195	551 788	125 690	232 213	412 655	1 004 008	19 752	144 992	761 226
	EAST NORTH CENTRAL	1 820	739	96 080	384 691	81 424	151 197	282 262	716 806	14 886	96 616	526 390
	OHIO	392	138	19 252	76 149	15 597	28 561	49 784	167 316	1 934	21 379	123 252
	INDIANA	150	91	13 026	43 185	11 624	21 433	34 409	76 216	1 314	12 992	59 283
	ILLINOIS	877	358	40 467	153 316	34 427	62 009	111 708	266 218	3 312	44 345	246 407
	MICHIGAN	247	84	16 099	86 662	13 853	27 751	68 499	166 260	7 379	11 010	57 110
	WISCONSIN	154	68	7 236	25 379	5 223	11 443	17 862	40 796	947	7 055	40 811
	WEST NORTH CENTRAL	788	441	50 115	167 097	44 266	81 016	130 393	287 202	4 866	48 311	234 363
	MINNESOTA	167	79	7 676	26 916	6 799	12 388	20 095	51 303	1 146	7 735	42 040
	IOWA	71	33	3 158	9 631	2 836	5 063	7 824	16 961	596	3 888	17 887
	MISSOURI	436	280	33 758	114 410	29 711	54 199	88 834	192 650	2 662	32 371	154 662
	NORTH DAKOTA	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH DAKOTA	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	32	11	1 652	4 634	1 482	2 728	3 901	7 582	54	1 533	7 307
	KANSAS	73	37	3 827	11 416	3 398	6 562	9 668	18 543	401	2 766	12 385
	SOUTH	3 522	2 269	403 238	1 172 508	368 687	687 283	975 629	1 998 197	42 967	301 503	1 208 081
	SOUTH ATLANTIC	2 018	1 281	206 489	616 446	186 958	347 180	504 796	1 041 532	24 530	150 883	640 955
	DELAWARE	28	18	3 086	12 484	2 184	3 772	6 580	29 756	434	3 308	28 390
	MARYLAND	322	175	22 961	83 365	20 023	36 243	61 226	153 482	2 360	22 107	119 006
	DISTRICT OF COLUMBIA	23	3	1 190	658	158	306	527	1 340	33	198	829
	VIRGINIA	184	141	26 588	76 293	24 779	45 875	66 470	107 665	2 893	21 479	75 435
	WEST VIRGINIA	38	28	4 071	12 064	3 749	7 038	10 510	15 705	450	3 879	12 290
	NORTH CAROLINA	371	277	47 114	132 116	43 694	80 025	111 603	214 497	6 258	29 378	115 244
	SOUTH CAROLINA	216	168	34 561	95 641	31 154	59 294	81 573	141 320	4 227	24 456	85 198
	GEORGIA	432	318	57 145	171 351	51 614	96 911	140 015	323 163	6 666	39 429	175 314
	FLORIDA	404	153	10 773	32 474	9 603	17 716	26 292	54 604	1 209	6 649	29 249
	EAST SOUTH CENTRAL	713	550	135 055	369 420	126 223	234 149	322 012	631 001	11 283	100 612	363 715
	KENTUCKY	126	97	19 802	57 472	18 480	34 728	49 299	91 813	1 435	16 614	61 133
	TENNESSEE	256	195	52 140	140 615	48 691	90 481	121 609	249 791	4 366	38 127	136 737
	ALABAMA	189	133	31 678	87 915	29 436	55 051	77 685	157 932	3 443	21 995	89 821
	MISSISSIPPI	142	125	31 435	83 418	29 616	53 889	73 419	131 465	2 039	23 876	76 024
	WEST SOUTH CENTRAL	791	438	61 694	186 642	55 506	105 954	148 821	325 664	7 154	50 008	203 411
	ARKANSAS	70	52	10 610	27 925	9 872	17 964	24 206	42 567	808	7 715	24 454
	LOUISIANA	68	37	5 821	17 179	5 105	9 183	12 830	33 710	385	5 534	23 577
	OKLAHOMA	73	40	4 709	13 720	4 334	8 184	11 724	25 622	476	3 433	15 374
	TEXAS	580	309	40 554	127 818	36 195	70 623	100 061	223 765	5 485	33 326	140 006
	WEST	3 039	1 041	79 431	295 764	69 015	124 975	224 343	530 894	8 605	70 127	395 466
	MOUNTAIN	232	67	6 908	21 263	6 183	11 037	16 901	32 330	552	5 382	24 896
	MONTANA	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	WYOMING	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	74	26	1 776	5 996	1 507	2 758	4 413	8 602	170	1 505	8 270
	NEW MEXICO	24	3	317	879	295	541	799	1 673	22	506	2 091
	ARIZONA	75	19	2 647	8 373	2 348	4 209	6 531	12 604	129	1 682	7 432
	UTAH	38	19	2 118	5 838	1 987	3 448	4 989	9 117	224	1 638	6 749
	NEVADA	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14	136
	PACIFIC	2 807	974	72 523	274 501	62 832	113 938	207 442	498 564	8 053	64 745	370 570
	WASHINGTON	138	4	134	15 143	3 489	6 107	10 679	25 679	367	3 489	17 971
	OREGON	72	23	2 644	10 169	2 174	4 190	7 154	22 465	198	2 533	14 267
	CALIFORNIA	2 514	872	63 559	242 077	55 215	100 305	184 006	438 872	7 234	56 934	331 118
	ALASKA	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
231	MEN'S & BOYS' SUITS & COATS, TOTAL ¹	1 112	635	122 679	494 240	109 045	198 628	398 071	831 910	6 856	122 205	642 510

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
232	MEN'S AND BOYS' FURNISHINGS, TOTAL .	2 981	1 885	305 637	899 477	280 010	513 195	751 556	1 617 756	25 242	271 610	1 128 483
	NORTHEAST	1 411	679	71 667	244 854	63 900	114 386	192 757	453 278	5 246	78 285	389 703
	NEW ENGLAND	160	90	8 909	29 443	8 143	14 510	23 975	50 442	557	9 233	42 638
	NEW HAMPSHIRE	11	9	691	1 989	649	1 118	1 798	3 409	34	308	1 826
	MASSACHUSETTS	98	49	5 079	16 905	4 659	8 357	14 103	30 318	331	5 936	26 546
	CONNECTICUT	35	23	1 864	6 387	1 701	3 158	5 060	9 719	116	1 690	7 036
	MIDDLE ATLANTIC	1 251	589	62 758	215 411	55 757	99 876	168 782	402 836	4 689	69 052	347 065
	NEW YORK	837	283	22 408	88 322	18 219	32 709	58 995	184 279	1 653	27 237	170 751
	NEW JERSEY	102	71	6 406	22 188	5 758	10 439	17 843	53 408	311	7 142	39 009
	PENNSYLVANIA	312	255	33 944	104 901	31 780	56 728	91 944	165 149	2 725	34 673	137 305
	NORTH CENTRAL	352	242	31 649	101 912	28 201	51 225	78 896	187 960	2 483	33 385	149 143
	EAST NORTH CENTRAL	210	127	15 999	54 599	13 970	25 581	40 126	107 361	1 288	17 937	87 169
	OHIO	48	28	3 813	14 956	2 975	5 498	8 548	37 107	192	5 053	30 295
	INDIANA	37	32	5 979	19 909	5 426	9 967	16 049	34 280	503	5 955	24 860
	ILLINOIS	85	45	4 176	13 110	3 836	6 964	10 641	24 245	269	4 625	21 834
	MICHIGAN	24	8	590	1 898	492	881	1 447	4 188	60	1 128	4 629
	WISCONSIN	16	14	1 441	4 726	1 241	2 271	3 441	7 541	264	1 176	5 551
	WEST NORTH CENTRAL	142	115	15 650	47 313	14 231	25 644	38 770	80 599	1 195	15 448	61 974
	MINNESOTA	29	24	2 761	9 161	2 490	4 305	6 987	20 899	362	1 958	11 472
	IOWA	13	9	1 053	2 759	974	1 670	2 456	5 494	108	1 158	4 300
	MISSOURI	82	67	10 092	30 682	9 228	16 673	25 306	45 657	593	10 794	40 376
	NEBRASKA	5	5	439	1 143	415	759	990	1 493	(D)	516	1 854
	KANSAS	13	10	1 305	3 568	1 124	2 237	3 031	7 056	132	1 022	3 972
	SOUTH	924	824	188 822	516 283	175 934	326 486	444 209	886 902	16 706	147 297	520 700
	SOUTH ATLANTIC	449	381	74 088	205 372	68 685	126 806	175 138	344 647	6 385	57 139	212 344
	MARYLAND	78	48	5 078	15 596	4 567	8 002	11 713	28 611	229	5 592	26 597
	WEST VIRGINIA	7	6	581	1 466	559	1 007	1 349	1 833	79	631	1 778
	NORTH CAROLINA	88	81	16 595	43 199	15 642	28 024	37 907	67 250	1 174	10 938	38 151
	SOUTH CAROLINA	48	43	9 778	26 266	9 072	17 040	23 172	41 380	696	7 984	26 832
	GEORGIA	140	133	29 009	83 539	26 552	50 149	69 701	150 419	2 861	19 882	77 937
	FLORIDA	31	19	1 703	4 712	1 552	2 795	3 894	6 799	107	1 788	5 823
	EAST SOUTH CENTRAL	325	307	85 630	227 899	80 525	149 255	200 794	391 395	6 984	68 414	225 065
	KENTUCKY	55	51	11 417	31 750	10 771	19 681	27 529	50 441	728	9 069	32 913
	TENNESSEE	112	107	33 455	87 359	31 669	59 037	77 007	169 623	3 138	28 145	93 524
	ALABAMA	73	66	16 753	45 347	15 380	29 186	40 307	72 236	1 575	13 066	42 810
	MISSISSIPPI	85	83	24 005	63 443	22 705	41 351	55 951	99 095	1 543	18 134	55 818
	WEST SOUTH CENTRAL	150	136	29 104	83 012	26 724	50 425	68 277	150 860	3 337	21 744	83 291
	ARKANSAS	30	28	5 659	14 505	5 352	9 592	12 766	21 460	416	5 277	16 795
	LOUISIANA	20	17	3 155	8 312	2 839	5 095	6 577	17 303	177	2 623	12 115
	OKLAHOMA	15	15	2 372	6 780	2 201	4 142	5 941	11 513	317	1 216	5 128
	TEXAS	85	76	17 918	53 415	16 332	31 596	42 993	100 584	2 427	12 628	49 253
	WEST	295	141	13 778	47 271	12 082	21 935	36 429	93 816	876	12 643	68 937
	MOUNTAIN	25	16	2 212	6 855	2 006	3 533	5 418	8 991	136	1 645	7 721
	ARIZONA	9	5	1 246	4 069	1 151	2 059	3 300	5 669	36	765	3 357
	PACIFIC	270	125	11 566	40 416	10 076	18 402	31 011	84 825	740	10 998	61 216
	WASHINGTON	18	14	1 804	6 472	1 494	2 579	4 575	10 943	121	1 213	6 173
	CALIFORNIA	234	101	8 870	30 977	7 742	14 241	23 751	65 949	561	8 758	49 023

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
233	WOMEN'S AND MISSES' OUTERWEAR, TOTAL	9 740	5 820	405 466	1 425 994	356 127	626 579	1 112 085	2 459 739	36 466	361 126	1 918 341
	NORTHEAST	7 240	4 347	262 451	953 208	230 535	397 462	744 020	1 689 309	21 424	247 794	1 364 722
	NEW ENGLAND	620	419	31 194	105 483	28 029	48 187	84 831	175 856	2 349	31 344	146 662
	NEW HAMPSHIRE	10	7	406	1 138	392	684	1 009	1 836	20	453	1 315
	MASSACHUSETTS	452	285	21 548	74 839	19 179	32 730	58 789	129 891	1 956	22 549	108 982
	RHODE ISLAND	21	17	1 183	3 323	1 102	1 799	2 925	3 940	58	849	2 579
	CONNECTICUT	122	96	6 644	22 054	6 046	10 656	18 646	35 277	245	6 300	29 675
	MIDDLE ATLANTIC	6 620	3 928	231 257	847 725	202 506	349 275	659 189	1 513 453	19 075	216 450	1 218 060
	NEW YORK	4 891	2 584	136 918	564 546	115 582	202 568	415 351	1 077 315	12 562	140 427	934 206
	NEW JERSEY	739	536	31 162	103 299	28 527	48 662	89 209	156 959	2 742	28 059	115 056
	PENNSYLVANIA	990	808	63 177	179 880	58 397	98 045	154 629	279 179	8 017	47 964	170 798
	NORTH CENTRAL	515	340	36 830	131 696	31 221	55 631	94 879	229 680	2 662	37 380	201 030
	EAST NORTH CENTRAL	336	213	22 228	78 835	18 489	32 892	54 602	137 873	1 619	22 900	120 653
	OHIO	52	34	4 415	18 616	3 461	6 373	10 498	41 205	235	4 146	26 972
	INDIANA	20	19	2 183	6 778	1 883	3 251	5 249	11 301	146	1 902	8 315
	ILLINOIS	209	129	11 770	40 082	10 090	17 291	29 757	65 479	900	13 655	66 333
	MICHIGAN	22	10	1 045	3 434	916	1 582	2 457	5 335	218	532	2 566
	WISCONSIN	33	21	2 815	9 925	2 139	4 395	6 641	14 553	120	2 665	16 467
	WEST NORTH CENTRAL	179	127	14 602	52 861	12 732	22 739	40 277	91 807	1 043	14 480	80 377
	MINNESOTA	28	17	1 311	4 695	1 172	2 053	3 704	8 044	126	1 461	7 813
	MISSOURI	125	95	11 138	41 499	9 624	17 163	30 912	71 014	818	11 105	62 739
	KANSAS	15	10	940	2 991	847	1 581	2 632	4 600	48	762	3 329
	SOUTH	754	574	69 433	201 740	62 592	117 371	167 474	294 807	8 199	44 310	164 515
	SOUTH ATLANTIC	469	356	42 804	123 218	38 604	71 730	102 514	180 767	5 474	27 782	102 884
	MARYLAND	58	45	4 763	16 616	4 208	7 689	12 120	27 372	1 011	4 752	23 892
	VIRGINIA	37	31	5 125	14 472	4 707	9 086	12 686	15 008	517	4 135	13 817
	WEST VIRGINIA	10	10	1 967	6 080	1 825	3 530	5 448	8 225	271	1 398	5 076
	NORTH CAROLINA	69	58	6 436	17 844	5 905	10 617	14 941	26 134	610	3 397	12 190
	SOUTH CAROLINA	69	63	12 718	34 637	11 334	21 606	29 701	48 629	1 870	8 316	24 747
	GEORGIA	65	59	5 804	15 790	5 291	9 512	13 083	25 182	523	2 778	8 895
	FLORIDA	153	85	5 641	16 821	5 015	9 201	13 713	28 954	630	2 608	13 035
	EAST SOUTH CENTRAL	92	76	12 644	34 169	11 656	21 676	29 828	46 879	1 242	6 179	21 713
	KENTUCKY	20	19	1 958	5 549	1 829	3 315	4 936	7 622	319	1 379	3 818
	TENNESSEE	37	29	7 273	19 825	6 730	12 553	17 135	25 786	448	2 795	11 453
	ALABAMA	27	21	2 447	6 212	2 190	4 075	5 449	10 172	406	961	3 494
	MISSISSIPPI	8	7	966	2 583	907	1 733	2 308	3 299	69	1 044	2 948
	WEST SOUTH CENTRAL	193	142	13 985	44 353	12 332	23 965	35 132	67 161	1 483	10 349	39 918
	ARKANSAS	17	14	3 260	9 318	2 887	5 269	7 582	12 570	362	1 777	5 569
	TEXAS	163	121	10 115	33 357	8 877	17 618	26 014	52 580	1 105	8 167	32 933
	WEST	1 231	559	36 715	138 705	31 815	56 174	105 042	243 658	4 123	31 642	188 074
	MOUNTAIN	39	19	1 651	4 847	1 524	2 682	4 115	7 718	(D)	1 627	6 972
	COLORADO	8	4	262	827	225	418	658	1 220	7	304	1 460
	ARIZONA	18	8	463	1 332	425	728	1 108	1 793	32	563	2 307
	UTAH	7	7	905	2 633	855	1 501	2 300	4 573	69	705	2 953
	PACIFIC	1 192	540	35 064	133 858	30 291	53 492	100 927	235 940	(D)	30 015	181 102
	WASHINGTON	27	13	1 107	3 849	960	1 665	2 832	6 109	73	1 024	5 001
	OREGON	17	7	789	3 267	565	1 051	1 801	6 875	41	667	3 353
	CALIFORNIA	1 108	498	31 601	121 399	27 360	48 436	92 160	214 229	(D)	27 207	168 033
	HAWAII	40	22	1 567	5 343	1 406	2 340	4 134	8 727	157	1 117	4 715
234	WOMEN'S & CHILDREN'S UNDERWEAR, TOTAL	1 420	862	113 869	378 757	99 840	180 179	282 008	740 921	9 926	111 335	596 248
	NORTHEAST	1 041	572	58 775	206 318	50 461	88 698	147 013	399 316	5 019	70 320	366 393
	NEW ENGLAND	86	66	7 964	26 671	7 125	13 022	20 921	50 334	971	9 764	51 845
	VERMONT	5	5	574	1 472	509	894	1 310	3 099	(D)	857	3 612
	MASSACHUSETTS	45	33	3 884	12 391	3 565	6 396	9 730	17 105	191	4 689	19 992
	CONNECTICUT	27	22	2 977	11 167	2 623	4 952	8 736	27 100	544	3 747	26 681
	MIDDLE ATLANTIC	955	506	50 811	179 647	43 336	75 676	126 092	348 982	4 048	60 556	314 548
	NEW YORK	726	338	27 898	104 966	23 057	39 977	68 474	211 309	2 188	34 615	195 354
	NEW JERSEY	97	56	7 793	28 808	6 357	10 977	19 550	64 498	549	8 897	55 761
	PENNSYLVANIA	132	112	15 120	45 873	13 922	24 722	38 068	73 175	1 311	17 044	63 433

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
234	WOMEN'S & CHILDREN'S UNDERWEAR—CONT.											
	NORTH CENTRAL	80	63	9 269	32 118	8 035	14 882	22 475	69 307	501	9 206	59 737
	EAST NORTH CENTRAL	60	46	7 154	26 046	6 164	11 640	17 690	58 033	428	7 379	51 473
	ILLINOIS	28	24	4 029	17 621	3 321	6 225	10 533	37 040	291	4 550	35 719
	MICHIGAN	16	9	1 571	4 129	1 417	2 618	3 339	9 304	(D)	1 350	5 887
	WISCONSIN	5	5	413	1 200	394	740	1 068	2 512	13	(D)	(D)
	WEST NORTH CENTRAL	20	17	2 115	6 072	1 871	3 242	4 785	11 274	73	1 827	8 264
	IOWA	4	4	317	925	292	509	794	1 281	14	(D)	(D)
	MISSOURI	10	9	1 155	3 333	1 001	1 670	2 511	7 751	35	916	4 363
	SOUTH	215	178	40 711	122 715	36 852	68 221	98 989	242 957	3 995	27 313	148 433
	SOUTH ATLANTIC	132	110	24 549	75 669	21 908	40 666	59 324	144 331	2 803	17 667	100 048
	VIRGINIA	15	15	3 532	9 273	3 310	5 992	8 186	12 638	349	1 359	4 559
	NORTH CAROLINA	59	50	9 419	26 686	8 686	16 015	22 416	44 456	879	6 283	27 785
	SOUTH CAROLINA	12	9	2 073	6 109	1 833	3 538	4 868	9 364	746	(D)	(D)
	GEORGIA	29	21	6 161	20 236	5 668	10 739	16 636	46 687	408	4 858	32 440
	EAST SOUTH CENTRAL	50	48	12 697	36 281	11 872	21 574	31 328	75 852	918	6 293	32 214
	TENNESSEE	13	12	2 385	6 607	2 181	3 632	5 167	11 558	131	(D)	(D)
	ALABAMA	22	21	7 512	22 330	7 090	13 322	19 856	51 400	646	3 757	20 264
	WEST SOUTH CENTRAL	33	20	3 465	10 765	3 072	5 981	8 337	22 774	274	3 353	16 171
	TEXAS	19	11	2 034	6 700	1 827	3 723	5 213	11 848	213	1 698	8 039
	WEST	84	49	5 118	17 606	4 498	8 378	13 531	29 341	411	4 496	21 685
	ARIZONA	4	4	619	1 906	508	933	1 419	3 285	(D)	(D)	(D)
	UTAH	3	3	525	1 481	500	916	1 283	1 759	(D)	(D)	(D)
	CALIFORNIA	74	39	3 663	13 286	3 205	6 044	10 073	23 225	246	3 986	19 660
235	MILLINERY, HATS, AND CAPS, TOTAL	1 147	394	30 791	116 039	26 822	48 307	91 669	184 774	2 960	35 539	200 431
	NORTHEAST	878	279	20 500	82 283	17 717	31 456	64 908	128 494	1 512	25 558	152 514
	NEW ENGLAND	58	34	3 983	15 251	3 393	5 655	11 644	20 018	238	5 374	29 639
	MIDDLE ATLANTIC	820	245	16 517	67 032	14 324	25 801	53 264	108 476	1 274	20 184	122 875
	NEW YORK	733	208	12 374	49 922	10 746	19 423	40 197	83 756	679	15 357	97 483
	NEW JERSEY	40	15	923	3 454	843	1 401	3 016	5 096	56	927	4 951
	PENNSYLVANIA	47	22	3 220	13 656	2 735	4 977	10 051	19 624	539	3 900	20 441
	NORTH CENTRAL	126	65	5 066	15 866	4 472	8 316	12 903	26 558	438	5 392	25 754
	EAST NORTH CENTRAL	72	27	1 809	6 037	1 572	2 769	4 722	9 969	51	2 581	13 864
	OHIO	14	1	121	413	97	168	289	568	4	212	1 055
	ILLINOIS	47	22	1 350	4 593	1 190	2 084	3 733	7 813	39	1 889	10 836
	WISCONSIN	5	3	292	909	242	439	584	1 355	8	(D)	(D)
	WEST NORTH CENTRAL	54	38	3 257	9 829	2 900	5 547	8 181	16 589	387	2 811	11 890
	MISSOURI	45	34	3 050	8 998	2 717	5 201	7 594	15 150	364	2 572	10 779
	SOUTH	83	40	4 566	15 168	4 055	7 527	11 746	24 907	998	3 805	17 510
	MARYLAND	13	7	522	1 696	447	689	1 103	2 635	10	620	3 223
	VIRGINIA	6	6	573	1 761	543	1 047	1 530	3 031	43	(D)	(D)
	GEORGIA	9	3	222	732	186	336	600	1 123	21	225	1 067
	WEST	60	10	659	2 722	578	1 008	2 112	4 486	42	784	4 653
236	CHILDREN'S OUTERWEAR, TOTAL	1 576	924	81 884	265 059	72 678	130 498	207 258	466 702	6 874	80 809	381 349
	NORTHEAST	1 199	683	50 051	173 739	43 952	77 729	131 675	321 829	4 158	56 452	284 906
	NEW ENGLAND	80	50	5 403	17 817	4 851	8 800	14 363	34 963	843	5 268	25 034
	NEW HAMPSHIRE	4	4	257	834	231	432	709	1 638	18	(D)	(D)
	MASSACHUSETTS	54	35	3 139	10 850	2 766	4 851	8 355	19 103	189	2 955	13 632
	CONNECTICUT	6	3	194	590	182	336	479	1 093	11	(D)	(D)
	MIDDLE ATLANTIC	1 119	633	44 648	155 922	39 101	68 929	117 312	286 866	3 315	51 184	259 872
	NEW YORK	745	366	22 016	85 021	18 545	32 874	57 690	165 893	1 829	26 008	158 383
	NEW JERSEY	182	115	7 439	23 599	6 806	11 921	19 979	41 745	520	8 374	36 969
	PENNSYLVANIA	192	152	15 193	47 302	13 750	24 134	39 643	79 228	966	16 802	64 520
	NORTH CENTRAL	62	34	3 723	11 645	3 215	5 920	9 062	23 495	280	3 800	18 573
	EAST NORTH CENTRAL	37	21	1 940	5 801	1 720	3 321	4 586	10 556	146	1 996	9 212
	ILLINOIS	16	4	386	1 151	335	617	900	1 664	23	467	2 338
	MICHIGAN	10	8	826	2 630	741	1 493	2 072	5 152	70	926	4 301
	WISCONSIN	3	3	218	723	198	386	568	1 077	30	(D)	(D)
	WEST NORTH CENTRAL	25	13	1 783	5 844	1 495	2 599	4 476	12 939	134	1 804	9 361
	KANSAS	5	3	273	801	255	461	709	1 335	22	220	928

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
236	CHILDREN'S OUTERWEAR-CONTINUED SOUTH	212	163	25 275	70 690	22 981	42 535	59 429	105 304	2 151	17 597	64 936
	SOUTH ATLANTIC	144	117	18 821	52 497	17 078	31 634	44 095	77 230	1 309	12 728	44 875
	DELAWARE	5	3	179	489	160	279	409	590	9	(D)	(D)
	MARYLAND	15	10	925	2 518	863	1 557	2 178	3 515	38	795	2 827
	VIRGINIA	26	22	2 549	6 532	2 439	4 278	5 991	8 875	102	1 817	4 882
	NORTH CAROLINA	30	26	4 495	12 569	4 161	7 352	10 161	18 938	542	2 734	9 595
	GEORGIA	16	15	2 638	7 312	2 370	4 784	6 550	13 972	113	1 366	4 852
	FLORIDA	23	16	964	3 058	856	1 605	2 412	5 563	74	669	2 901
	EAST SOUTH CENTRAL	20	14	2 761	7 664	2 549	4 463	6 694	11 273	622	1 474	6 419
	ALABAMA	12	8	1 561	4 493	1 495	2 646	4 109	7 487	(D)	831	4 758
	WEST SOUTH CENTRAL	48	32	3 693	10 529	3 354	6 438	8 640	16 801	220	3 395	13 642
	TEXAS	40	28	3 130	9 065	2 810	5 425	7 260	14 683	209	2 966	12 018
	WEST	103	44	2 835	8 985	2 530	4 314	7 092	16 473	285	2 960	12 934
	MOUNTAIN	8	3	127	402	118	204	374	517	17	84	308
	PACIFIC	95	41	2 708	8 583	2 412	4 110	6 718	15 956	268	2 876	12 626
	CALIFORNIA	86	36	2 404	7 564	2 152	3 596	5 969	14 309	254	(D)	(D)
237	FUR GOODS, TOTAL ¹	1 591	94	9 289	55 961	7 700	14 484	45 591	110 619	1 245	9 355	95 411
238	MISCELLANEOUS APPAREL, TOTAL	1 582	742	61 526	208 838	53 987	97 165	160 234	377 165	5 624	60 026	306 277
	NORTHEAST	1 165	530	36 154	129 752	31 277	54 974	97 703	234 899	2 806	37 924	207 053
	NEW ENGLAND	125	72	6 726	23 504	5 959	10 249	18 404	40 111	553	6 948	32 767
	MASSACHUSETTS	84	48	4 607	16 597	4 048	6 789	12 798	28 658	436	4 887	22 225
	CONNECTICUT	23	14	1 309	4 587	1 209	2 320	3 669	7 520	51	964	5 074
	MIDDLE ATLANTIC	1 040	458	29 428	106 248	25 318	44 725	79 299	194 788	2 253	30 976	174 286
	NEW YORK	835	339	19 982	77 205	16 646	29 315	54 980	150 600	1 665	22 756	137 208
	NEW JERSEY	108	66	4 422	13 883	4 050	7 259	11 744	20 985	231	3 677	17 662
	PENNSYLVANIA	97	53	5 024	15 160	4 622	8 151	12 575	23 203	357	4 543	19 416
	NORTH CENTRAL	167	82	8 510	28 449	7 475	13 357	21 658	50 489	1 306	9 128	43 282
	EAST NORTH CENTRAL	135	60	6 822	23 263	5 953	10 549	17 317	41 420	1 219	7 454	37 718
	OHIO	34	16	1 891	6 881	1 631	2 820	5 023	11 566	287	1 703	9 332
	INDIANA	15	8	842	2 686	751	1 324	2 193	4 569	17	1 194	5 507
	ILLINOIS	51	21	2 592	7 947	2 317	4 101	6 065	15 040	205	2 971	13 790
	MICHIGAN	14	6	399	1 816	298	559	1 100	3 728	(D)	407	2 616
	WISCONSIN	21	9	1 098	3 933	956	1 745	2 936	6 517	(D)	1 179	6 473
	WEST NORTH CENTRAL	32	22	1 688	5 186	1 522	2 808	4 341	9 069	87	1 674	5 564
	MINNESOTA	6	3	158	555	118	216	342	882	7	137	476
	IOWA	8	5	258	722	233	422	586	1 597	12	430	1 810
	MISSOURI	15	12	1 073	3 333	999	1 804	2 968	5 897	54	(D)	(D)
	SOUTH	154	103	14 904	42 813	13 518	25 368	34 974	74 294	1 360	10 513	42 122
	SOUTH ATLANTIC	79	53	7 496	21 927	6 725	12 702	17 923	39 268	856	4 813	21 615
	NORTH CAROLINA	20	19	2 606	7 534	2 409	4 540	6 411	11 451	208	(D)	(D)
	SOUTH CAROLINA	11	8	773	2 110	743	1 472	1 928	3 169	41	817	3 537
	GEORGIA	20	14	2 235	6 088	1 939	3 693	4 856	10 605	407	1 632	7 086
	FLORIDA	13	2	199	542	168	301	424	1 247	(D)	200	819
	EAST SOUTH CENTRAL	31	27	4 638	12 338	4 333	7 919	10 698	19 681	377	3 591	12 213
	TENNESSEE	14	13	1 939	5 350	1 803	3 410	4 692	7 891	209	890	2 980
	MISSISSIPPI	10	9	1 529	3 992	1 427	2 587	3 531	7 674	132	(D)	(D)
	WEST SOUTH CENTRAL	44	23	2 770	8 548	2 460	4 747	6 353	15 345	127	2 109	8 294
	ARKANSAS	7	6	991	2 464	953	1 860	2 295	4 885	19	(D)	(D)
	LOUISIANA	8	1	135	365	124	227	324	538	4	(D)	(D)
	OKLAHOMA	5	4	418	1 355	387	765	1 058	2 637	62	313	1 348
	TEXAS	24	12	1 226	4 364	996	1 895	2 676	7 285	42	1 343	5 462
	WEST	96	27	1 958	7 824	1 714	3 261	5 899	13 483	152	2 461	13 820
	WASHINGTON	7	4	211	604	193	288	462	1 237	23	212	857
	CALIFORNIA	73	20	1 519	6 354	1 321	2 590	4 789	10 735	111	1 844	10 898

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
239	FABRICATED TEXTILES•NEC• TOTAL . . .	7 308	1 655	148 393	578 668	126 650	243 536	433 814	1 071 425	33 389	128 897	731 699
	NORTHEAST	4 158	919	70 165	267 122	60 150	114 391	201 151	491 321	11 877	65 430	385 433
	NEW ENGLAND	416	119	12 207	41 683	10 571	19 758	31 271	66 631	1 301	10 656	59 526
	MASSACHUSETTS	263	90	9 060	30 497	7 803	14 159	22 280	47 689	982	7 295	41 076
	RHODE ISLAND	27	5	401	1 316	355	687	1 034	2 779	34	(D)	(D)
	CONNECTICUT	91	20	2 007	7 031	1 801	3 456	5 742	11 747	179	1 994	9 974
	MIDDLE ATLANTIC	3 742	800	57 958	225 439	49 579	94 633	169 880	424 690	10 576	54 774	325 907
	NEW YORK	2 252	547	35 647	139 844	30 107	56 512	102 077	263 152	5 398	35 793	211 044
	NEW JERSEY	1 140	143	13 096	54 742	11 567	23 080	44 663	105 727	3 740	11 272	74 258
	PENNSYLVANIA	350	110	9 215	30 853	7 905	15 041	23 140	55 811	1 438	7 709	40 605
	NORTH CENTRAL	1 108	280	31 694	149 929	26 715	52 966	112 476	273 275	11 157	25 448	149 245
	EAST NORTH CENTRAL	823	200	25 030	126 149	21 007	41 598	94 793	232 638	9 428	19 371	114 391
	OHIO	209	40	3 003	11 766	2 441	4 580	7 611	20 728	906	3 488	17 441
	INDIANA	63	18	1 714	6 948	1 441	2 879	4 992	11 912	544	1 410	8 047
	ILLINOIS	342	92	7 995	31 832	6 639	12 530	22 358	57 738	1 230	7 076	47 635
	MICHIGAN	147	40	11 523	72 253	9 860	20 390	57 672	135 982	6 428	6 510	35 650
	WISCONSIN	62	10	795	3 350	626	1 219	2 160	6 278	320	887	5 618
	WEST NORTH CENTRAL	285	80	6 664	23 780	5 708	11 368	17 683	40 637	1 729	6 077	34 854
	MINNESOTA	68	21	1 941	6 556	1 712	3 457	5 043	10 873	528	1 557	8 370
	IOWA	33	7	648	2 408	521	1 009	1 673	3 432	423	988	5 601
	MISSOURI	121	39	3 112	11 730	2 641	5 292	8 565	21 194	580	2 866	17 182
	KANSAS	36	11	817	2 695	713	1 382	2 107	4 544	178	549	3 170
	SOUTH	1 012	275	31 829	104 496	27 328	52 443	78 722	202 865	7 728	26 788	133 445
	SOUTH ATLANTIC	596	176	21 603	70 977	18 597	35 435	53 356	141 252	6 253	16 575	83 241
	MARYLAND	70	13	1 938	8 523	1 563	3 074	5 159	14 202	282	2 234	12 513
	VIRGINIA	39	15	1 555	5 912	1 235	2 356	3 809	9 161	398	1 904	9 724
	WEST VIRGINIA	11	2	187	582	167	332	465	859	3	(D)	(D)
	NORTH CAROLINA	100	39	6 960	22 708	6 295	12 377	18 213	44 563	2 835	4 166	20 555
	SOUTH CAROLINA	48	20	2 285	6 800	2 044	4 024	5 679	13 446	442	1 421	7 082
	GEORGIA	139	61	6 951	20 934	5 797	10 433	15 721	49 616	1 913	5 591	27 314
	FLORIDA	161	20	1 321	4 233	1 139	2 145	3 229	7 205	290	882	4 509
	EAST SOUTH CENTRAL	154	44	5 876	18 496	4 982	9 696	13 992	32 513	687	5 566	27 644
	KENTUCKY	33	10	1 304	4 335	1 110	2 227	3 368	8 676	(D)	954	3 260
	TENNESSEE	59	17	2 298	7 252	1 909	3 581	5 246	12 316	(D)	2 120	10 156
	ALABAMA	42	9	1 274	3 900	1 092	2 268	3 075	6 519	(D)	1 492	10 819
	MISSISSIPPI	20	8	1 000	3 009	871	1 620	2 303	5 002	118	1 000	3 409
	WEST SOUTH CENTRAL	262	55	4 350	15 023	3 749	7 312	11 374	29 100	788	4 647	22 560
	LOUISIANA	25	10	873	2 975	760	1 426	2 207	6 387	99	1 041	3 869
	OKLAHOMA	29	6	290	959	260	496	790	1 338	26	242	924
	TEXAS	199	39	3 166	11 033	2 711	5 357	8 331	21 272	658	3 334	17 642
	WEST	1 028	179	14 454	56 300	12 245	23 322	40 905	102 214	2 485	11 231	63 576
	MOUNTAIN	135	14	1 128	3 694	943	1 758	2 720	6 565	129	908	5 048
	COLORADO	45	10	542	1 942	428	812	1 316	3 446	60	306	1 770
	NEW MEXICO	15	2	200	532	182	326	461	1 052	11	(D)	(D)
	PACIFIC	893	165	13 326	52 606	11 302	21 564	38 185	95 649	2 356	10 323	58 528
	WASHINGTON	74	10	781	3 349	634	1 224	2 153	6 027	136	876	5 032
	OREGON	42	11	1 012	3 910	823	1 610	2 714	7 799	127	940	4 737
	CALIFORNIA	759	143	11 384	44 875	9 720	18 495	32 938	80 970	2 059	8 389	48 144
	HAWAII	18	1	149	472	125	235	380	853	34	118	615

Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not applicable.

¹This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3. Detailed Statistics: 1963

Item	Apparel and related products (SIC 23)	Men's and boys' suits and coats (SIC 231)	Men's and boys' furnishings (SIC 232)	Women's and misses' outerwear (SIC 233)	Women's and children's underwear (SIC 234)	Millinery, hats, and caps (SIC 235)	Children's outerwear (SIC 236)	Fur goods (SIC 237)	Miscellaneous apparel (SIC 238)	Fabricated textiles, n.e.c. (SIC 239)
ESTABLISHMENTS, TOTAL NUMBER . .	28 457	1 112	2 981	9 740	1 420	1 147	1 576	1 591	1 582	7 308
WITH 1 TO 19 EMPLOYEES DO. . .	15 446	477	1 096	3 920	558	753	652	1 497	840	5 653
WITH 20 TO 99 EMPLOYEES DO. . .	9 955	348	932	5 021	518	341	709	92	606	1 388
WITH 100 EMPLOYEES OR MORE DO. .	3 056	287	953	799	344	53	215	2	136	267
PROPRIETORS AND WORKING PARTNERS . . DO. .	17 830	451	1 070	4 559	515	617	653	1 085	703	8 177
ALL EMPLOYEES (AVERAGE FOR THE YEAR) DO. . .	1 279 534	122 679	305 637	405 466	113 867	30 791	81 884	9 289	61 526	148 393
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000 . .	4 423 033	494 240	899 477	1 425 994	378 757	116 039	265 059	55 961	208 838	578 668
PRODUCTION WORKERS:										
AVERAGE FOR THE YEAR NUMBER . .	1 132 859	109 045	280 010	356 127	99 840	26 822	72 678	7 700	53 987	126 650
MARCH DO. . .	1 125 896	109 137	273 997	360 251	96 758	30 579	72 486	6 241	53 239	123 208
MAY DO. . .	1 117 541	109 588	281 148	348 206	96 832	24 198	72 035	7 571	52 819	125 144
AUGUST DO. . .	1 147 120	110 247	284 086	359 353	100 767	27 369	74 859	8 538	55 500	126 401
NOVEMBER DO. . .	1 141 026	107 208	280 815	356 698	105 006	25 142	71 332	8 450	54 391	131 984
MAN-HOURS \$1,000 . .	2 052 569	198 628	513 193	626 579	180 179	48 307	130 498	14 484	97 165	243 536
JANUARY-MARCH DO. . .	503 373	50 725	125 156	154 427	43 398	13 558	32 283	2 909	23 335	57 582
APRIL-JUNE DO. . .	514 061	51 001	131 950	155 397	44 121	11 166	32 139	3 520	24 268	60 499
JULY-SEPTEMBER DO. . .	512 252	46 892	128 385	157 456	44 793	12 118	33 616	4 010	24 578	60 404
OCTOBER-DECEMBER DO. . .	522 883	50 010	127 702	159 299	47 867	11 465	32 460	4 045	24 984	65 051
WAGES \$1,000 . .	3 482 286	398 071	751 556	1 112 085	282 008	91 669	207 258	45 591	160 234	433 814
COST OF MATERIALS, ETC., TOTAL ¹ . . DO. .	9 327 317	715 105	2 018 404	2 876 183	844 511	150 120	561 946	225 237	445 594	1 490 217
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO. .	7 062 599	482 261	1 533 618	1 950 890	659 655	139 103	393 466	216 947	344 001	1 342 658
COST OF REALES DO. . .	259 467	15 915	66 649	44 775	18 834	4 630	2 923	4 102	25 721	75 918
FUELS CONSUMED DO. . .	17 867	2 158	3 521	4 917	1 263	894	647	174	796	3 497
ELECTRIC ENERGY:										
PURCHASED:										
QUANTITY MILLION KW.-HRS. .	2 492	200	403	807	181	67	158	56	102	518
COST \$1,000 . .	45 304	3 454	7 590	15 325	3 201	1 716	2 366	1 019	1 899	8 734
GENERATED LESS SOLD MILLION KW.-HRS. .	11 621	(D)	2 861	2 841	1 529	(D)	(D)	(D)	653	1 835
CONTRACT WORK \$1,000 . .	1 942 078	211 317	407 026	860 275	161 558	3 777	162 544	2 995	73 177	59 409
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO. .	17 096 862	1 526 019	3 597 826	5 329 840	1 570 020	334 293	1 025 823	334 414	821 646	2 556 981
VALUE OF REALES DO. . .	363 598	26 837	83 008	59 426	30 480	6 948	4 197	4 872	36 261	111 569
VALUE ADDED BY MANUFACTURE, ADJUSTED DO. . .	7 861 011	831 910	1 617 756	2 459 739	740 921	184 774	466 702	110 619	377 165	1 071 425
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL DO. .	2 051 474	268 669	529 499	435 894	225 246	36 868	118 965	41 011	94 740	300 582
FINISHED PRODUCTS DO. .	912 924	115 947	282 771	176 673	100 727	13 737	51 139	27 685	45 803	98 442
WORK-IN-PROCESS DO. .	384 873	60 414	75 768	88 310	50 798	5 988	24 566	3 027	16 986	59 016
MATERIALS, SUPPLIES, FUEL, ETC. DO. . .	753 677	92 308	170 960	170 911	73 721	17 143	43 260	10 299	31 951	143 124
END OF YEAR, TOTAL DO. .	2 164 991	288 671	576 201	445 317	241 594	38 970	125 288	42 862	95 279	310 809
FINISHED PRODUCTS DO. .	993 275	136 443	320 045	181 945	111 302	13 897	53 112	28 779	46 854	100 898
WORK-IN-PROCESS DO. .	395 242	60 515	76 806	89 120	55 635	6 429	25 585	3 350	16 602	61 200
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	776 475	91 713	179 352	174 252	74 657	18 644	46 591	10 733	31 823	148 710
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO. .	136 671	7 851	26 671	38 370	10 467	3 248	7 442	1 295	5 888	35 439
NEW, TOTAL DO. .	128 582	6 856	25 242	36 466	9 926	2 960	6 874	1 245	5 624	33 389
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	31 993	1 322	6 005	10 189	1 590	535	1 419	80	1 739	9 114
NEW MACHINERY AND EQUIPMENT . . DO. .	96 589	5 534	19 237	26 277	8 336	2 425	5 455	1 165	3 885	24 275
USED PLANT AND EQUIPMENT DO. .	8 089	995	1 429	1 904	541	288	568	50	264	2 050
SELECTED OPERATING RATIOS:										
PAYROLL/TOTAL EMPLOYMENT	3 457	4 029	2 943	3 517	3 326	3 769	3 237	6 024	3 394	3 899
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.89	.89	.92	.88	.88	.87	.89	.83	.88	.85
MAN-HOURS/PRODUCTION WORKERS	1 812	1 822	1 833	1 759	1 805	1 801	1 796	1 887	1 800	1 923
PRODUCTION WORKER WAGES/MAN-HOURS	1.70	2.00	1.46	1.77	1.57	1.90	1.59	3.15	1.65	1.78
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.80	.79	.81	.81	.78	.80	.81	.84	.80	.81
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS . . . . .	.55	.47	.56	.54	.54	.45	.55	.67	.54	.58
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	6 144	6 781	5 293	6 066	6 507	6 001	5 700	11 909	6 130	7 220
SALARIES AND WAGES/ADJUSTED VALUE ADDED . . . . .	.56	.59	.56	.58	.51	.63	.57	.51	.55	.54

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

MEN'S AND BOYS' APPAREL

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2311—Men's, Youths', and Boys' Suits, Coats, and Overcoats
- 2321—Men's, Youths', and Boys' Shirts (Except Work Shirts), Collars, and Nightwear
- 2322—Men's, Youths', and Boys' Underwear
- 2323—Men's, Youths', and Boys' Neckwear
- 2327—Men's, Youths', and Boys' Separate Trousers
- 2328—Work Clothing
- 2329—Men's, Youths', and Boys' Clothing, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the census of business.

Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his

garments from his own materials, and marketing the finished product. A number of jobbers, however, maintain the cutting operation within their own establishments; only the final actual processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operations, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2 to 4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer;" if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multiplant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others;" the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are usually described in the trade, where contractors are thought of as independently owned establishments. Separate data for multiplant company contractors are shown in this report for the principal industries.

2311—MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms are also included in this industry. Establishments primarily engaged in manufacturing men's work garments are classified in industry 2328. For a detailed list of products of industry 2311, refer to table 6A, product codes 2311111 to 2311451.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in table 1. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$12 million dollars, or approximately 1.9 percent.

Value of shipments and other receipts of the Men's and Boys' Suits and Coats Industry in 1963 totaled \$1,526 million. This amount included shipments of men's and boys' suits, coats, and overcoats (primary products) valued at \$1,148 million, shipments of other products (secondary products) valued at \$98 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$279 million.

This industry's shipments of men's and boys' suits and coats in 1963 represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' separate dress and sport trousers (\$61 million), and men's and boys' heavy outerwear coats and jackets (\$8 million).

Shipments of men's and boys' suits, coats, and overcoats by this industry in 1963 represented 96 percent of all shipments of these products (\$1,195 million) by all industries. In 1958 the coverage ratio was 97 percent. Other industries shipping men's and boys' suits and coats consisted mainly of industry 2327, Separate Trousers, \$16 million; and industry 2329, Men's and Boys' Clothing, N.E.C., \$10 million.

The production index for the primary products of the industry increased to 121 in 1963 from the 1958 level of 108. The unit value index for 1963 was 111 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

2321—MEN'S, YOUTHS', AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' shirts, including polo and sport shirts, collars, and nightwear cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing work shirts are classified in industry 2328. Knitting mills primarily engaged in manufacturing nightwear are classified in industry 2254. For a detailed list of products of industry 2321, refer to table 6A, product codes 2321261 to 2321516.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Men's Dress Shirts and Nightwear Industry in 1963 totaled \$1,295 million. This amount included shipments of men's and boys' shirts (except work shirts) and nightwear (primary products) valued at \$904 million, shipments of other products (secondary products) valued at \$165 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$226 million.

This industry's shipments of men's and boys' shirts (except work shirts) and nightwear in 1963 represented 85 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' separate trousers, except work (\$26 million), men's and boys' outerwear coats and jackets (\$23 million), men's and boys' outerwear, n.e.c., (\$26 million) and women's, misses', and juniors' blouses, waists, and shirts (\$29 million).

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in table 3. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$9.6 million, or approximately 2.3 percent.

Men's and boys' knit outerwear shirts made in knitting mills are classified as primary products of industry 2253, Knit Outerwear Mills; men's and boys' knit nightwear made in knitting mills is included in industry 2254, Knit Underwear Mills. The production of men's and boys' knit shirts and nightwear cut and sewed from purchased knit fabric is, however, included in industry 2321. In order to show the total value of men's and boys' knit outerwear shirts and knit underwear made by all industries (regardless of the method of production), combined values for the 2253---, 2254---, and 2321--- products are given in tables 5A, 5B, and 6A. Using the combined figure of \$1,115 million of men's and boys' shirts and nightwear (knit and woven) made by all industries as the base, industry 2321 production of men's and boys' shirts and nightwear in 1963 accounted for 81 percent of the total dollar value of these products. In 1958, the coverage ratio on this basis was 82 percent.

If, however, only the production of men's and boys' shirts and nightwear cut and sewed from purchased woven or knit fabric is considered, industry 2321 production in 1963 represented 92 percent of the total production of men's and boys' shirts and nightwear cut and sewed from purchased fabrics, valued at \$988 million. Viewed in this way, there is a high degree of comparability between the industry statistics (tables 1 to 4) and the total value of the 2321--- products shown in table 6A.

Other industries shipping men's and boys' shirts (except work shirts) and nightwear consisted mainly of industry 2327, Separate Trousers; industry 2328, Work Clothing; and industry 2331, Blouses. The total values shipped by these other industries are withheld to avoid disclosing figures for individual companies.

The production index for the primary products of the industry increased to 127 in 1963 from the 1958 level of 103. The unit value index for 1963 was 105 compared to 103 in 1958. Both indexes were computed on a basis of 1954 = 100.

2322—MEN'S, YOUTHS', AND BOYS' UNDERWEAR

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' underwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in industry 2254, Knit Underwear Mills. For a detailed list of products of industry 2322, refer to table 6A, product codes 2322112 to 2322141.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and "value of production" in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments or value added data shown in table 1.

Value of shipments and other receipts of the Men's and Boys' Underwear Industry in 1963 totaled \$135 million. This amount included shipments of men's and boys' underwear (primary products) valued at \$110 million, shipments of other products (secondary products) valued at \$14 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$11 million.

This industry's shipments of men's and boys' underwear in 1963 represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was 86 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' knit outerwear shirts made from purchased knit fabric (\$8 million).

Men's and boys' knit underwear garments made in knitting mills are classified as primary products of industry 2254, Knit Underwear Mills, while men's and boys' knit underwear cut and sewed from purchased knit fabric is included in industry 2322. In order to show the total value of men's and boys' knit underwear made by all industries (regardless of the method of production), combined values for the 2254--- and 2322--- products are given in tables 5A, 5B, and 6A. Using the combined figure of \$350 million of men's and boys' underwear (knit and woven) made by all industries as the base, industry 2322 production of men's and boys' underwear in 1963 accounted for 31 percent of the total dollar value of these products. In 1958, the coverage ratio was 30 percent.

If, however, only the production of men's and boys' underwear cut and sewed from purchased woven and knit fabric is considered, industry 2322 production in 1963 represented 80 percent of the total production of men's and boys' underwear cut and sewed from purchased fabrics, valued at \$137 million. Viewed in this way, there is a high degree of comparability between the industry statistics (tables 1 to 4) and the total value of the 2322--- products shown in table 6A.

Other industries shipping men's and boys' underwear consisted mainly of industry 2321, Men's Dress Shirts and Nightwear, \$8 million; and industry 2341, Women's and Children's Underwear, \$11 million.

The production index for the primary products of the industry increased to 120 in 1963 from the 1958 level of 102. The unit value index for 1963 was 103 compared to 108 in 1958. Both indexes were computed on a basis of 1954 = 100.

2323—MEN'S, YOUTHS', AND BOYS' NECKWEAR

This industry comprises establishments primarily engaged in the manufacture of men's, youths', and boys' neckties, scarfs, and mufflers cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in industry 2253, Knit Outerwear Mills. For a detailed list of products of industry 2323, refer to table 6A, product codes 2323021 to 2323049.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Men's and Boys' Neckwear Industry in 1963 totaled \$121 million. This amount included shipments of men's and boys' neckwear (primary products) valued at \$104 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts (mainly products bought and resold without further processing), at \$15 million.

This industry's shipments of men's and boys' neckwear in 1963 represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was 97 percent.

Shipments of men's and boys' neckwear by this industry in 1963 represented 98 percent of all shipments of these products (\$106 million) by all industries. In 1958 the coverage ratio was also 98 percent.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in table 1. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$1 million or approximately 2 percent.

The production index for the primary products of the industry increased to 100 in 1963 from the 1958 level of 82. The unit value index for 1963 was 105 compared to 108 in 1958. Both indexes were computed on a basis of 1954 = 100.

2327—MEN'S, YOUTHS', AND BOYS' SEPARATE TROUSERS

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in industry 2311, and work pants in industry 2328. For a detailed list of products of industry 2327, refer to table 6A, product codes 2327112 to 2327151.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in table 1. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$3 million, or approximately 1.4 percent.

Value of shipments and other receipts of the Separate Trousers Industry in 1963 totaled \$824 million. This amount included shipments of men's and boys' separate trousers (primary products) valued at \$537 million, shipments of other products (secondary products) valued at \$110 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$177 million.

This industry's shipments of men's and boys' separate trousers in 1963 represented 83 percent of its total product shipments. The industry specialization ratio in 1958 was 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' work clothing (except shirts) (\$28 million), and women's, misses', and juniors' washable service apparel (\$12 million).

Shipments of men's and boys' separate trousers by this industry in 1963 represented 78 percent of all shipments of these products (\$693 million) by all industries. In 1958 the coverage ratio was 71 percent. Other industries shipping men's and boys' separate trousers consisted mainly of industry 2311, Men's and Boys' Suits and Coats, \$61 million; and industry 2328, Work Clothing, \$52 million.

The production index for the primary products of the industry increased to 197 in 1963 from the 1958 level of 118. The unit value index for 1963 was 90 compared to 98 in 1958. Both indexes were computed on a basis of 1954 = 100.

2328—WORK CLOTHING

This industry comprises establishments primarily engaged in manufacturing men's and boys' work shirts, pants, and other work clothing and washable service apparel. For a detailed list of products of industry 2328, refer to table 6A, product codes 2328113 to 2328212.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments or value added data shown in table 1.

Value of shipments and other receipts of the Work Clothing Industry in 1963 totaled \$825 million. This amount included shipments of work clothing (primary products) valued at \$575 million, shipments of other products (secondary products) valued at \$138 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$112 million.

This industry's shipments of work clothing in 1963 represented 81 percent of its total product shipments. The industry specialization ratio in 1958 was 84 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' separate trousers, except work (\$52 million), men's and boys' woven dress and sport shirts (\$14 million), and men's and boys' outerwear coats and jackets (\$14 million).

Shipments of work clothing by this industry in 1963 represented 90 percent of all shipments of these products (\$635 million) by all industries. In 1958 the coverage ratio was 95 percent. Other industries shipping work clothing consisted mainly of industry 2327, Separate Trousers, \$33 million; and industry 2339, Women's Outerwear, N.E.C., \$11 million.

The production index for the primary products of the industry increased to 115 in 1963 from the 1958 level of 104. The unit value index for 1963 was 113 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

2329—MEN'S, YOUTHS', AND BOYS' CLOTHING, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing men's, youths', and boys' clothing, not elsewhere classified. Establishments engaged primarily in manufacturing polo and sport shirts are classified in industry 2321; separate trousers in industry 2327; work clothing in industry 2328; and leather and sheep-lined garments in industry 2386. Knitting mills engaged primarily in manufacturing outerwear are classified in industry 2253. For a detailed list of products of industry 2329, refer to table 6A, product codes 2329112 to 2329281.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in table 1. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$1.7 million, or approximately 1 percent.

Value of shipments and other receipts of the Men's and Boys' Clothing, N.E.C., Industry in 1963 totaled \$398 million. This amount included shipments of men's and boys' outerwear, n.e.c., (primary products) valued at \$281 million, shipments of other products (secondary products) valued at \$58 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$59 million.

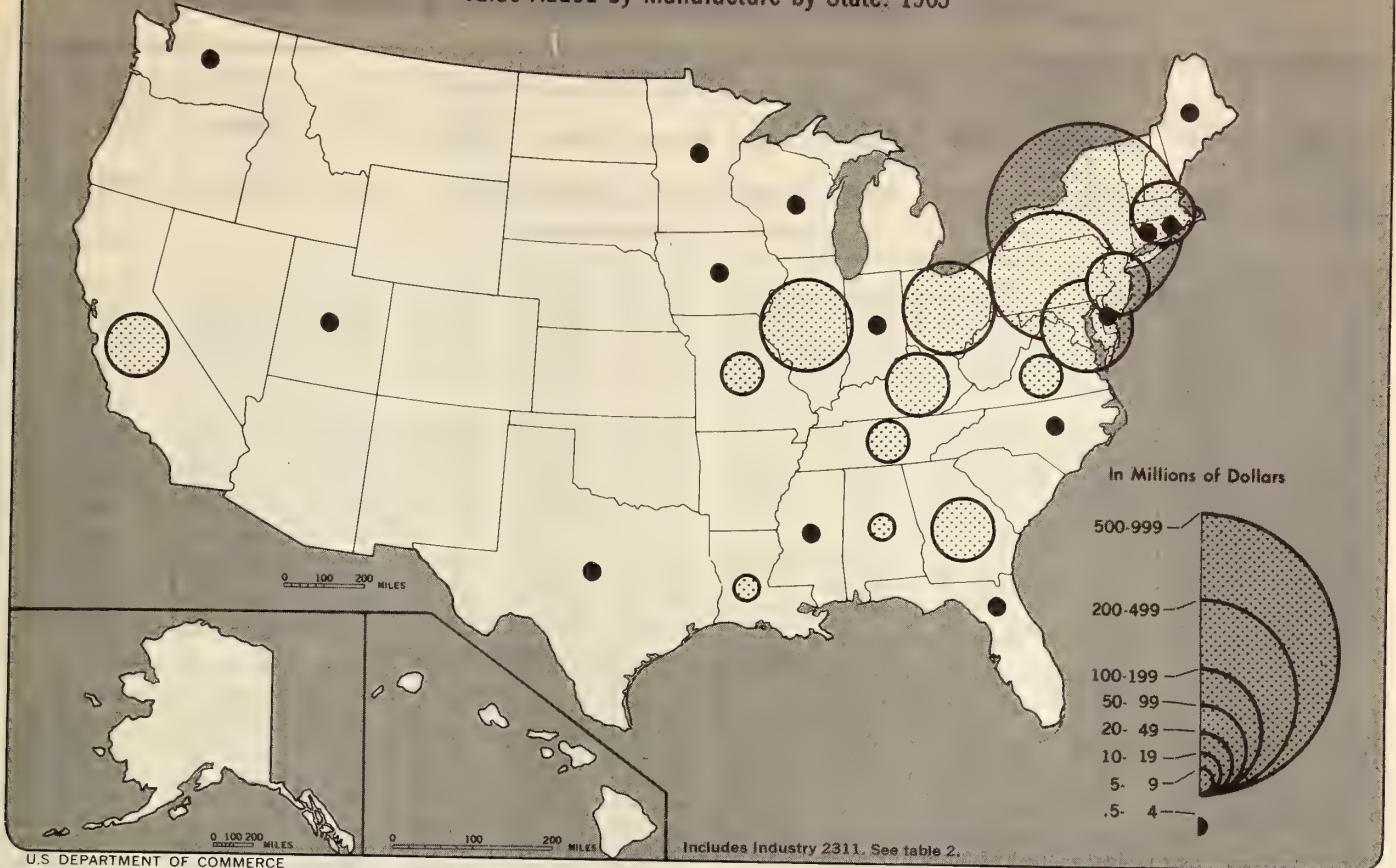
This industry's shipments of men's and boys' outerwear, n.e.c., in 1963 represented 83 percent of its total product shipments. The industry specialization ratio in 1958 was 78 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' separate trousers, except work (\$7 million), and raincoats and other waterproof outer garments (\$6 million).

Men's and boys' knit sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of industry 2253, Knit Outerwear Mills, while men's and boys' knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in industry 2329. In order to show the total value of men's and boys' outerwear, n.e.c., made by all industries (regardless of the method of production), combined values for the 2253--- and 2329--- products are shown in tables 5 and 6A. Using the combined figure of \$601 million of men's and boys' outerwear, n.e.c. (knit and woven) made by all industries as a base, industry 2329 production of men's and boys' outerwear, n.e.c., in 1963 accounted for 47 percent of the total dollar value of these products. 1958 coverage ratio was 57 percent.

Other industries shipping men's and boys' outerwear, n.e.c., consisted mainly of industry 2321, Men's Dress Shirts and Nightwear, \$49 million; and industry 2328, Work Clothing, \$17 million.

MEN'S AND BOYS' SUITS AND COATS: SIC 231

Value Added by Manufacture by State: 1963



MEN'S AND BOYS' FURNISHINGS: SIC 232

Value Added by Manufacture by State: 1963

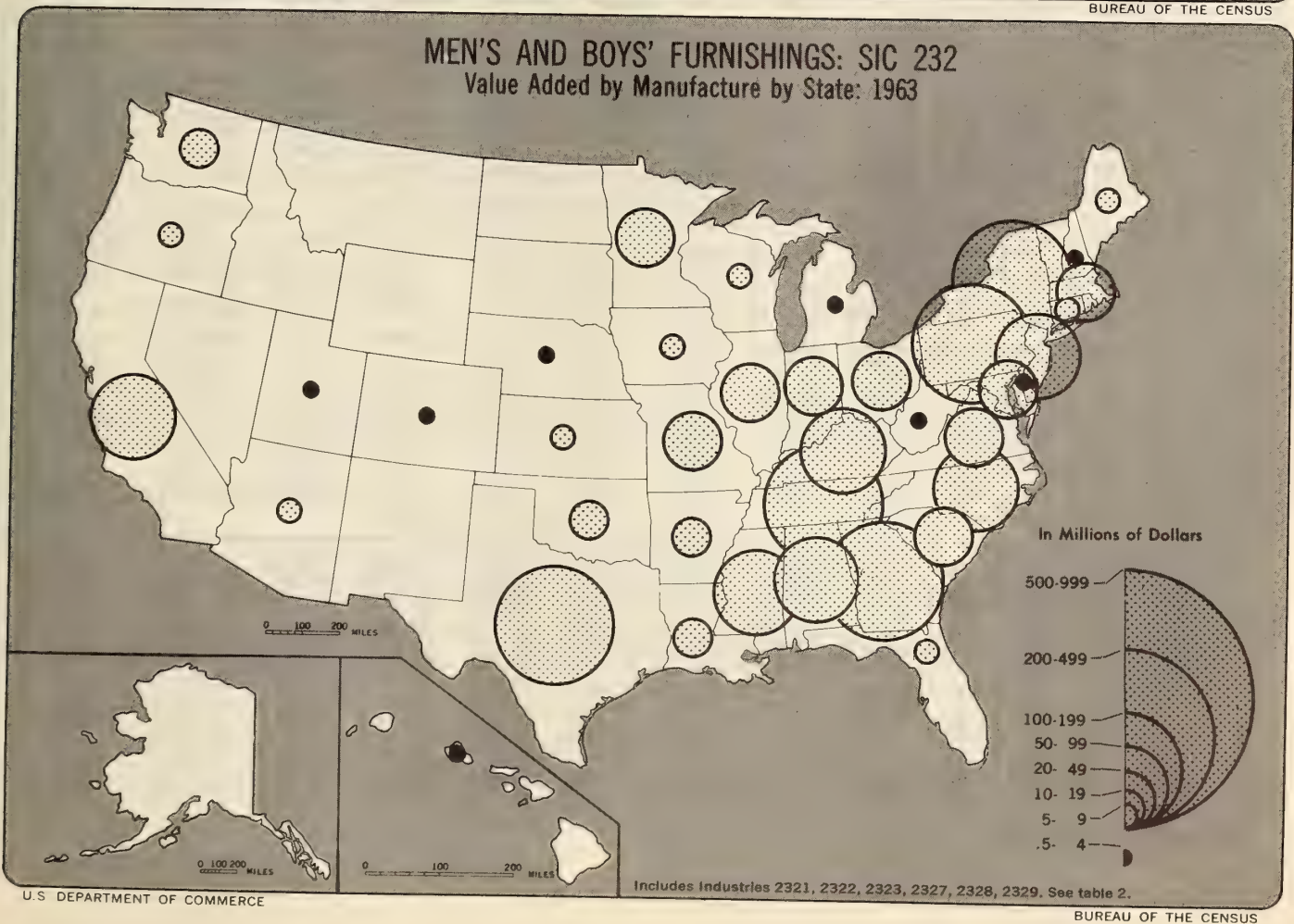


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments ¹ (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio ¹ (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2311.—MEN'S AND BOYS' SUITS AND COATS														
1963.....	1,031	1,112	635	122,679	494,240	109,045	198,628	398,071	831,910	715,105	1,526,019	6,856	92	96
1962 ²	(NA)	(NA)	(NA)	124,093	485,154	108,725	198,842	413,809	756,207	751,595	1,490,694	5,621	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	125,200	460,148	108,846	192,276	391,441	723,053	702,053	1,425,233	5,650	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	133,344	488,819	116,796	213,686	417,502	747,806	767,444	1,506,667	7,351	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	128,763	457,769	112,577	208,495	388,239	719,362	727,749	1,432,857	6,338	(NA)	(NA)
1958 ³	1,286	1,365	763	122,205	407,986	107,215	184,782	321,525	642,510	651,039	1,295,362	4,906	93	97
1957 ^{2 3}	(NA)	(NA)	(NA)	123,795	416,915	109,127	186,688	335,145	601,428	668,832	1,269,470	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	128,521	430,744	113,451	203,513	348,065	637,906	697,547	1,319,854	6,948	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	126,772	406,748	112,003	200,443	326,745	600,148	662,056	1,249,011	4,721	(NA)	(NA)
1954 ³	1,255	1,310	687	119,001	374,795	106,720	187,579	301,062	527,234	630,794	1,172,979	3,466	91	96
1953 ^{2 3}	(NA)	(NA)	(NA)	129,190	407,415	115,695	209,612	329,576	585,164	647,314	1,232,478	(NA)	(NA)	(NA)
1952 ^{2 3}	(NA)	(NA)	(NA)	124,326	370,154	110,518	205,317	297,881	543,665	621,690	1,165,355	(NA)	(NA)	(NA)
1951 ^{2 3}	(NA)	(NA)	(NA)	135,944	399,323	121,682	219,477	323,626	576,894	685,704	1,262,598	(NA)	(NA)	(NA)
1950 ^{2 3}	(NA)	(NA)	(NA)	150,580	418,434	134,472	239,532	340,460	572,534	668,670	1,241,204	(NA)	(NA)	(NA)
1949 ^{2 3}	(NA)	(NA)	(NA)	132,459	359,142	117,420	209,323	286,759	563,570	597,673	1,161,243	(NA)	(NA)	(NA)
1947 ³	1,761	1,814	(NA)	147,099	397,151	133,181	259,677	332,007	660,206	752,576	1,412,782	10,747	92	97
1939 ^{3 4}	(NA)	1,848	(NA)	(NA)	(NA)	116,852	(NA)	123,326	236,511	309,400	545,911	(NA)	(NA)	(NA)
INDUSTRY 2321.—MEN'S DRESS SHIRTS AND NIGHTWEAR														
1963.....	659	832	564	112,926	316,331	104,022	191,629	273,764	599,423	712,859	1,299,209	8,770	85	81
1962 ²	(NA)	(NA)	(NA)	111,147	311,656	99,231	182,949	255,851	515,582	727,519	1,229,733	7,674	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	101,452	274,812	91,422	170,087	224,770	473,091	664,473	1,135,200	(5,831)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	102,103	270,165	92,993	170,156	223,853	457,406	619,333	1,074,358	5,483	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	103,821	267,460	95,036	176,079	223,326	458,713	583,262	1,037,442	(S)	(NA)	(NA)
1958 ³	737	891	614	103,948	254,873	94,919	169,536	210,913	423,100	546,247	969,902	5,687	90	82
1957 ^{2 3}	(NA)	(NA)	(NA)	104,456	255,506	96,159	173,910	214,029	441,804	614,288	1,049,538	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	110,876	261,064	101,675	185,612	219,041	441,887	619,224	1,043,305	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	111,370	248,106	103,150	188,534	207,206	416,825	585,992	988,266	(S)	(NA)	(NA)
1954 ³	838	971	676	108,304	236,726	100,262	181,083	196,683	370,129	544,064	923,577	6,370	91	85
1953 ^{2 3}	(NA)	(NA)	(NA)	108,670	242,891	101,966	186,685	207,704	384,608	425,482	810,090	(S)	(NA)	(NA)
1952 ^{2 3}	(NA)	(NA)	(NA)	103,574	223,172	96,180	172,999	187,140	325,459	413,143	738,602	(S)	(NA)	(NA)
1951 ^{2 3}	(NA)	(NA)	(NA)	96,880	204,194	90,372	157,251	171,552	307,692	394,057	701,749	(S)	(NA)	(NA)
1947 ³	922	1,064	676	94,182	163,751	88,052	163,188	137,487	292,426	438,851	731,277	7,786	94	87
1939 ³	(NA)	590	(NA)	75,008	53,666	70,453	(NA)	44,942	83,727	108,640	192,367	(NA)	(NA)	(NA)
1937 ³	(NA)	529	(NA)	71,089	47,362	67,594	(NA)	41,055	80,179	104,049	184,228	(NA)	(NA)	(NA)
1935 ³	(NA)	555	(NA)	64,097	44,336	60,777	(NA)	38,059	65,716	94,053	159,769	(NA)	(NA)	(NA)
1933 ^{3 4}	(NA)	596	(NA)	57,528	30,196	55,029	(NA)	26,906	52,713	70,240	122,953	(NA)	(NA)	(NA)
INDUSTRY 2322.—MEN'S AND BOYS' UNDERWEAR														
1963.....	65	80	63	12,084	32,566	11,305	20,826	28,130	63,186	74,905	134,949	1,087	89	31
1962 ²	(NA)	(NA)	(NA)	(16,627)	(44,811)	(15,027)	(27,542)	(37,415)	(76,206)	(94,848)	(172,749)	(2,008)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(16,163)	(42,308)	(15,050)	(26,688)	(35,954)	(70,694)	(94,531)	(164,872)	(1,142)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(16,156)	(43,007)	(14,902)	(26,264)	(36,421)	(61,629)	(88,128)	(155,675)	(744)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(12,806)	(32,173)	(11,801)	(20,853)	(27,102)	(52,357)	(73,490)	(124,776)	(1,173)	(NA)	(NA)
1958 ³	79	90	72	11,037	26,650	9,939	17,452	21,958	41,732	61,710	102,681	451	86	30
1957 ^{2 3}	(NA)	(NA)	(NA)	11,336	26,664	10,677	20,128	23,480	43,527	52,114	93,846	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	10,296	21,554	9,811	17,212	18,924	35,753	51,982	85,716	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	9,855	19,528	9,344	16,497	17,110	31,110	48,328	78,423	1,017	(NA)	(NA)
1954 ³	72	82	60	9,385	18,923	8,827	15,325	16,289	31,453	55,157	86,282	1,168	88	28
1947 ³	94	103	69	7,269	11,330	6,929	12,326	9,847	20,348	29,405	49,753	396	95	21
1939 ³	(NA)	54	(NA)	6,901	4,313	6,543	(NA)	3,728	6,415	10,278	16,693	(NA)	(NA)	(NA)
1937 ³	(NA)	59	(NA)	9,718	5,617	9,312	(NA)	4,836	7,340	13,855	21,195	(NA)	(NA)	(NA)
1935 ^{3 4}	(NA)	65	(NA)	8,019	4,688	7,655	(NA)	4,021	7,314	11,654	18,968	(NA)	(NA)	(NA)
INDUSTRY 2323.—MEN'S AND BOYS' NECKWEAR														
1963.....	341	341	117	8,385	30,875	6,872	11,959	20,632	58,136	62,745	121,313	504	98	98
1962 ²	(NA)	(NA)	(NA)	(9,200)	(33,399)	(7,482)	(12,328)	(20,863)	(60,479)	(69,385)	(129,712)	(S)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(8,324)	(29,339)	(6,685)	(11,467)	(18,857)	(49,959)	(63,963)	(114,128)	(S)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(8,363)	(29,304)	(6,773)	(11,748)	(18,907)	(53,292)	(61,133)	(113,492)	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(7,892)	(27,962)	(6,371)	(11,118)	(17,421)	(48,917)	(61,953)	(111,218)	(S)	(NA)	(NA)
1958.....	362	362	111	7,734	26,835	6,177	10,786	17,538	48,938	53,169	102,405	584	97	98
1957 ^{2 3}	(NA)	(NA)	(NA)	10,209	30,286	8,330	13,331	20,626	56,143	54,512	109,812	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	10,172	30,875	8,633	14,135	21,595	57,174	56,219	110,394	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	9,447	28,057	7,902	13,679	19,073	52,758	52,432	103,599	(S)	(NA)	(NA)
1954 ³	403	403	127	9,483	27,797	8,051	13,789	19,056	49,351	57,327	107,556	(S)	98	92
1947 ³	408	413	134	10,744	25,367	9,246	16,942	18,485	50,708	62,980	113,688	(S)	97	93
1939 ³	(NA)	381	(NA)	11,367	10,955	9,603	(NA)	7,346	19,795	26,598	46,393	(NA)	(NA)	(NA)
1937 ^{3 4}	(NA)	320	(NA)	(NA)	(NA)	10,958	(NA)	8,729	20,466	30,306	50,772	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments ¹ (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio ¹ (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2327.—SEPARATE TROUSERS														
1963.....	667	735	423	73,848	224,371	67,938	126,369	186,406	383,134	450,018	824,224	6,215	83	78
1962 ²	(NA)	(NA)	(NA)	58,886	175,752	54,519	103,144	147,366	271,632	357,958	625,901	3,570	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	55,653	155,768	51,061	94,765	129,038	246,287	303,438	547,505	3,235	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	55,218	149,272	50,511	92,009	123,323	220,372	318,998	541,018	3,203	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	50,902	141,032	46,871	87,961	117,535	220,380	265,725	479,747	4,242	(NA)	(NA)
1958 ³	719	748	367	51,632	134,027	47,229	85,290	109,510	209,050	243,407	452,414	3,970	89	71
1957 ^{2 3}	(NA)	(NA)	(NA)	52,408	133,234	48,516	86,630	108,756	206,788	252,590	459,663	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	55,988	138,590	52,048	93,263	115,032	219,345	266,840	476,383	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	54,484	127,654	50,592	93,028	106,530	205,407	243,182	447,160	(S)	(NA)	(NA)
1954 ³	768	798	410	51,652	118,688	48,315	86,421	99,562	180,384	219,846	402,055	2,776	89	75
1947 ³	956	973	(NA)	47,279	91,400	44,006	83,265	75,620	159,439	174,600	334,039	(NA)	86	70
1939 ^{3 4}	(NA)	659	(NA)	(NA)	(NA)	31,327	(NA)	22,201	39,528	43,240	82,768	(NA)	(NA)	(NA)
INDUSTRY 2328.—WORK CLOTHING														
1963.....	301	439	353	62,477	179,612	57,580	105,308	149,811	330,653	500,719	824,710	5,839	81	90
1962 ²	(NA)	(NA)	(NA)	63,001	172,803	58,309	104,989	144,060	299,063	469,778	768,120	2,845	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	60,927	153,180	56,221	97,150	126,767	270,907	436,235	712,624	2,643	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	61,165	150,768	56,190	98,011	124,396	271,302	428,488	700,559	2,535	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	65,544	165,333	60,750	110,559	139,727	288,651	473,010	760,289	3,101	(NA)	(NA)
1958 ^{3 6}	376	500	396	64,780	154,834	59,328	104,481	132,570	255,481	434,820	689,819	3,452	84	95
INDUSTRY 2329.—MEN'S AND BOYS' CLOTHING, N.E.C.														
1963.....	529	554	365	35,917	115,722	32,293	57,102	92,813	183,224	217,158	397,551	2,827	83	47
1962 ²	(NA)	(NA)	(NA)	36,925	117,930	33,595	56,954	95,118	164,571	256,201	425,212	(3,517)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	34,860	103,334	31,782	51,769	82,541	146,080	226,856	372,276	(2,284)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	37,537	106,964	33,753	55,475	86,790	163,608	205,327	382,291	2,883	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	37,653	104,758	33,761	57,512	84,645	166,494	239,901	403,458	(S)	(NA)	(NA)
1958 ^{3 7}	516	539	324	32,392	93,119	28,606	52,439	73,847	149,951	216,599	365,963	2,359	78	57

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: For 1954-1963 figures represent adjusted value added, which is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net changes in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For 1954-1962, however, value of production rather than value of shipments was collected for industries 2311, Men's and Boys' Suits and Coats; 2321, Men's Dress Shirts and Nightwear; 2322, Men's and Boys' Underwear; 2323, Men's and Boys' Neckwear; 2327, Separate Trousers; 2328, Work Clothing; and 2329, Men's and Boys' Clothing, N.E.C. In computing adjusted value added based on value of production for these years for the industries specified, the net change of only work-in-process inventories is included. For earlier years, figures represent unadjusted value added. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 exclude value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier year.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³Data for Alaska and Hawaii are not included.

⁴No comparable figures are available for earlier years.

⁵Less than \$500 thousand.

⁶A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry data are not comparable with information collected for prior years. The definition for industry 2328 was revised to include men's and boys' work clothing and washable service apparel as well as work shirts. Under the previous classification system, the old SIC industry 2328 covered only work shirts, while men's and boys' work clothing (except work shirts) and washable service apparel were included in the old SIC industry 2329, Men's and Boys' Clothing, N.E.C.

⁷A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry data are not comparable with information collected for prior years. The definition for industry 2329 was revised to exclude the output of men's and boys' work clothing and washable service apparel. These products are now included in industry 2328, Work Clothing.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
INDUSTRY 2311.—MEN'S AND BOYS' SUITS AND COATS													
Total.....	1,112	635	122,679	494,240	109,045	198,628	398,071	831,910	715,105	1,526,019	6,856	122,205	642,510
New England.....	99	54	7,100	26,814	6,279	10,859	21,061	46,619	36,657	83,420	441	9,473	40,791
Massachusetts.....	84	44	6,120	23,634	5,402	9,282	18,482	42,223	34,585	76,914	404	8,374	36,936
Connecticut.....	8	4	256	1,014	237	432	885	1,338	970	2,303	10	215	731
Middle Atlantic....	654	371	65,221	275,413	58,187	105,102	225,893	454,466	401,293	843,680	3,514	64,475	356,659
New York.....	403	194	30,855	136,445	26,778	47,382	107,888	238,513	239,841	471,047	1,653	31,587	191,330
New Jersey.....	78	56	6,441	24,488	5,917	10,737	21,249	38,315	20,863	58,875	299	7,096	30,536
Pennsylvania.....	173	121	27,925	114,480	25,492	46,983	96,756	177,638	140,589	313,758	1,562	25,792	134,793
East North Central.	85	42	14,858	62,778	12,352	22,440	47,454	115,083	75,166	187,830	677	16,755	88,526
Ohio.....	24	14	5,605	22,297	4,652	8,486	16,881	53,664	40,921	93,245	292	6,254	35,933
Indiana.....	5	5	1,057	3,669	982	1,762	3,046	4,773	1,751	6,351	41	1,123	4,244
Illinois.....	50	20	8,043	36,282	6,589	11,965	27,124	55,584	31,768	86,405	334	8,977	46,110
West North Central.	43	29	4,321	16,023	3,781	7,022	11,743	23,759	19,899	42,608	206	4,141	21,735
Minnesota.....	14	7	764	3,475	670	1,247	2,172	4,486	4,435	8,923	53	1,323	7,209
Missouri.....	22	17	3,037	11,027	2,620	4,880	8,231	18,053	14,359	31,312	139	2,622	13,702
South Atlantic.....	107	70	15,684	62,169	14,075	25,939	48,884	106,326	124,618	226,855	1,348	12,810	69,860
Maryland.....	73	43	7,944	32,481	6,812	12,309	24,353	63,765	92,729	152,889	611	7,080	44,402
North Carolina....	5	4	603	1,576	596	1,100	1,554	1,705	143	1,847	10	(³)	(³)
Georgia.....	14	12	4,125	16,720	3,811	7,265	12,868	25,559	24,875	50,290	420	3,097	15,723
Florida.....	8	5	353	1,226	328	602	1,081	1,896	1,549	3,422	33	175	898
East South Central.	29	26	9,687	28,993	9,119	17,642	25,603	49,211	31,622	80,278	353	8,569	36,382
Tennessee.....	12	11	3,516	10,532	3,292	6,255	9,293	18,638	13,719	32,114	125	2,873	12,887
West South Central.	21	14	2,153	6,881	1,909	3,440	5,111	11,912	8,959	20,025	121	2,457	9,931
Texas.....	12	7	827	2,479	767	1,435	2,080	4,044	1,930	6,080	31	(³)	(³)
Mountain.....	6	3	253	666	235	382	531	1,131	838	2,079	(D)	273	1,088
Pacific.....	68	26	3,402	14,503	3,108	5,802	11,791	23,403	16,053	39,244	(D)	3,252	17,538
California.....	63	24	3,301	14,131	3,014	5,649	11,502	22,794	15,731	38,369	190	3,117	16,949
Subindustry 2311-11.—Men's and Boys' Suits and Coats—MANUFACTURERS													
Total.....	444	235	61,864	255,305	54,392	99,393	202,173	474,389	317,014	772,997	3,581	66,019	377,268
New England.....	55	30	4,575	16,979	4,016	6,765	13,256	30,213	20,789	50,548	293	6,188	27,586
Massachusetts.....	47	25	3,991	15,094	3,506	5,820	11,826	27,386	19,327	46,247	269	5,887	26,080
Middle Atlantic....	196	86	25,797	112,136	23,055	41,652	92,565	214,783	137,166	342,278	1,572	26,222	175,476
New York.....	124	47	15,351	67,284	13,732	24,517	55,730	133,328	76,319	202,355	826	14,978	100,964
New Jersey.....	25	11	1,795	7,131	1,588	2,941	5,877	14,005	9,333	22,857	134	1,493	8,361
Pennsylvania.....	47	28	8,651	37,721	7,735	14,194	30,958	67,450	51,514	117,066	612	9,751	66,151
East North Central.	51	30	12,801	54,895	10,537	19,072	41,262	103,139	66,471	167,370	592	13,853	74,191
Illinois.....	23	11	6,980	32,304	5,672	10,207	23,973	49,596	28,441	77,039	304	7,728	38,713
West North Central.	33	23	3,583	13,904	3,071	5,732	9,771	21,025	19,523	39,497	169	3,271	17,625
Missouri.....	16	13	2,486	9,412	2,083	3,870	6,690	16,057	14,086	29,043	120	1,882	9,995
South.....	68	47	11,919	43,918	10,806	20,829	34,561	83,177	58,087	136,377	772	13,701	67,490
Maryland.....	25	17	2,430	10,495	2,168	3,830	7,870	24,638	16,657	38,481	241	2,640	15,468
Georgia.....	6	5	2,030	8,538	1,842	3,518	6,408	14,068	10,405	24,415	96	1,495	7,850
Florida.....	8	5	353	1,226	328	602	1,081	1,896	1,549	3,422	33	(³)	(³)
Tennessee.....	4	3	1,610	4,950	1,481	3,071	4,254	10,506	7,170	17,327	78	1,977	10,448
Texas.....	8	4	601	1,891	550	1,043	1,532	3,320	1,757	4,960	(D)	(³)	(³)
West.....	41	19	3,189	13,473	2,907	5,343	10,758	22,052	14,978	36,927	183	2,784	14,900
Colorado.....	33	15	2,885	12,581	2,626	4,886	10,072	20,523	13,859	34,227	177	2,441	13,427
Subindustry 2311-22.—Men's and Boys' Suits and Coats—JOBBERS													
Total.....	236	76	11,246	63,345	7,283	14,008	33,422	141,900	374,161	513,591	973	7,029	89,449
New England.....	17	4	437	2,294	323	590	1,320	6,386	14,822	21,830	34	164	2,428
Middle Atlantic....	179	58	7,064	43,674	4,285	8,449	22,571	93,083	247,144	337,918	543	4,282	55,271
New York.....	136	39	3,464	22,186	1,562	2,862	8,365	49,982	159,027	209,001	178	3,141	39,170
New Jersey.....	5	2	151	905	107	202	474	1,918	6,758	8,851	20	127	837
Pennsylvania.....	38	17	3,449	20,583	2,616	5,385	13,732	41,183	81,359	120,066	345	1,014	15,264
North Central.....	11	3	401	2,200	227	425	1,066	5,186	8,030	13,192	43	779	8,688
South and West.....	29	11	3,344	15,177	2,448	4,544	8,465	37,245	104,165	140,651	353	1,804	23,062
Maryland.....	19	5	1,824	9,303	1,079	2,083	4,496	23,428	75,431	98,008	268	1,511	18,770

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
Subindustry 2311-33.—Men's and Boys' Suits and Coats—INDEPENDENT CONTRACTORS													
Total.....	353	246	25,647	89,892	24,399	43,710	82,482	114,407	14,121	128,935	1,281	(NA)	(NA)
New England.....	22	16	1,414	5,209	1,322	2,407	4,434	7,158	800	7,933	89	(NA)	(NA)
Middle Atlantic....	235	183	18,032	65,666	17,107	30,118	60,294	82,232	9,159	91,569	753	(NA)	(NA)
New York.....	130	95	8,429	31,805	8,035	13,757	29,469	37,572	2,270	39,915	349	(NA)	(NA)
New Jersey.....	43	38	3,542	12,832	3,342	5,985	11,657	18,087	4,441	22,429	127	(NA)	(NA)
Pennsylvania.....	62	50	6,061	21,029	5,730	10,376	19,168	26,573	2,448	29,225	277	(NA)	(NA)
North Central.....	28	10	999	3,367	946	1,825	2,995	4,448	909	5,387	40	(NA)	(NA)
Illinois.....	18	6	635	2,423	593	1,209	2,091	3,008	604	3,641	17	(NA)	(NA)
South.....	41	30	4,831	14,300	4,672	8,672	13,484	18,720	2,774	21,685	392	(NA)	(NA)
Maryland.....	22	14	1,105	3,368	1,050	1,888	3,108	4,833	290	5,170	35	(NA)	(NA)
Texas.....	4	3	226	588	217	392	548	724	173	1,120	(D)	(NA)	(NA)
West.....	27	7	371	1,350	352	688	1,275	1,849	479	2,361	7	(NA)	(NA)
Subindustry 2311-44.—Men's and Boys' Suits and Coats—MULTIPLANT COMPANY CONTRACTORS													
Total.....	79	78	23,922	85,698	22,971	41,517	79,994	101,214	9,809	110,496	1,021	(NA)	(NA)
New England.....	5	4	674	2,332	618	1,097	2,051	2,862	246	3,109	25	(NA)	(NA)
Middle Atlantic....	44	44	14,328	53,937	13,740	24,883	50,463	64,368	7,824	71,915	646	(NA)	(NA)
New York.....	13	13	3,611	15,170	3,449	6,246	14,324	17,631	2,225	19,776	300	(NA)	(NA)
New Jersey.....	5	5	953	3,620	880	1,609	3,241	4,305	331	4,738	18	(NA)	(NA)
Pennsylvania.....	26	26	9,764	35,147	9,411	17,028	32,898	42,432	5,268	47,401	328	(NA)	(NA)
North Central.....	5	5	1,395	4,435	1,352	2,408	4,103	5,044	132	4,992	39	(NA)	(NA)
South and West.....	25	25	7,525	24,994	7,261	13,129	23,377	28,940	1,607	30,480	311	(NA)	(NA)
Maryland.....	7	7	2,585	9,315	2,515	4,508	8,879	10,866	351	11,230	67	(NA)	(NA)
INDUSTRY 2321.—MEN'S DRESS SHIRTS AND NIGHTWEAR													
Total.....	832	564	112,926	316,331	104,022	191,629	273,764	599,423	712,859	1,295,079	8,770	103,948	423,100
New England.....	32	26	4,366	13,832	4,091	7,485	11,564	23,688	38,463	61,748	240	4,109	18,309
New Hampshire....	5	5	354	978	338	564	896	1,321	647	1,964	6	(³)	(³)
Connecticut.....	17	12	1,098	3,921	1,007	1,899	3,023	6,640	8,135	14,638	78	1,135	4,830
Middle Atlantic....	345	174	26,994	89,547	23,948	43,421	70,122	183,549	296,297	476,591	2,234	31,866	161,520
New York.....	232	76	8,429	32,701	6,459	11,768	19,741	74,652	195,078	267,500	659	11,042	68,230
New Jersey.....	25	22	2,941	10,355	2,672	5,091	8,455	32,546	36,183	69,297	113	3,081	23,641
Pennsylvania.....	88	76	15,624	46,491	14,817	26,562	41,926	76,351	65,036	139,794	1,462	17,743	69,649
East North Central.	26	14	2,569	9,787	1,997	3,505	5,685	22,248	68,086	88,943	185	2,976	13,898
West North Central.	23	18	2,572	7,117	2,353	4,112	6,202	13,629	12,716	25,317	138	2,943	11,226
Missouri.....	14	12	1,858	4,903	1,686	2,931	4,237	6,809	8,951	14,992	117	1,971	7,038
South Atlantic....	160	145	33,860	92,115	31,564	57,891	79,802	152,038	113,464	259,748	2,392	26,624	99,083
Maryland.....	21	14	2,315	6,701	2,137	3,765	5,340	13,103	10,219	23,046	49	2,738	13,919
Virginia.....	16	15	3,296	8,545	3,161	5,831	7,909	13,231	6,845	19,161	66	2,672	8,510
North Carolina....	39	37	8,654	21,780	8,274	14,708	19,597	30,742	24,377	53,288	791	4,964	15,371
South Carolina....	32	29	7,452	19,910	6,907	12,713	17,587	33,083	14,959	48,120	476	6,556	23,211
Georgia.....	37	37	10,906	32,099	9,902	18,735	26,478	57,594	54,254	108,987	976	8,246	34,050
Florida.....	9	8	664	1,612	628	1,136	1,496	2,662	2,709	5,264	18	845	2,426
East South Central.	126	117	35,688	93,095	33,864	63,523	83,214	166,221	141,246	303,555	3,103	27,799	83,261
Kentucky.....	10	9	2,517	7,996	2,301	4,281	6,167	12,500	8,442	20,531	190	1,676	5,412
Tennessee.....	47	44	15,996	40,188	15,509	29,318	36,638	80,925	70,064	153,124	1,260	13,984	39,572
Alabama.....	37	33	8,835	24,050	8,066	15,482	21,415	39,857	35,429	72,879	1,199	6,470	20,467
Mississippi.....	32	31	8,340	20,861	7,988	14,442	18,994	32,939	27,311	57,021	454	5,669	17,810
West South Central.	18	18	2,675	7,004	2,542	4,752	6,291	12,121	10,206	21,672	205	2,736	9,418
Arkansas.....	9	9	1,578	3,986	1,538	2,890	3,801	6,837	6,606	12,927	164	2,078	6,997
Mountain.....	6	4	346	1,171	314	584	927	1,740	1,404	3,145	18	835	4,482
Pacific.....	96	48	3,856	12,663	3,349	6,356	9,977	24,189	30,977	54,360	255	4,060	21,903
Hawaii.....	9	5	270	797	244	451	651	1,241	935	2,146	54	(³)	(³)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
Subindustry 2321-11.—Men's Dress Shirts and Nightwear—MANUFACTURERS													
Total.....	392	255	55,131	161,223	50,959	92,896	139,176	354,882	402,301	744,325	4,656	47,863	288,557
New England.....	10	7	1,628	4,688	1,565	3,070	4,402	9,251	21,413	30,387	101	834	4,085
Middle Atlantic....	146	74	13,266	43,567	12,039	21,637	36,889	99,406	119,163	216,532	748	15,553	85,478
New York.....	89	28	3,650	12,302	3,120	5,791	9,982	22,350	20,147	41,680	193	5,473	26,346
New Jersey.....	12	10	1,655	6,276	1,439	2,644	4,743	27,406	35,700	63,530	50	(³)	(³)
Pennsylvania.....	45	36	7,961	24,989	7,480	13,202	22,164	49,650	63,316	111,322	505	(³)	(³)
East North Central.	19	9	1,430	4,417	1,328	2,429	3,843	7,583	8,053	15,199	128	1,752	7,006
West North Central.	14	13	2,291	6,163	2,094	3,629	5,420	12,379	10,867	22,187	121	1,798	7,753
South Atlantic.....	66	56	13,883	38,331	12,993	22,632	33,658	86,621	76,483	159,335	912	10,703	54,876
Maryland.....	11	7	1,609	4,710	1,483	2,576	3,682	10,182	8,862	18,764	11	1,378	9,324
Virginia.....	6	6	1,323	3,291	1,277	2,261	3,060	6,080	6,085	12,022	31	1,141	4,756
North Carolina....	13	11	2,770	7,225	2,629	4,558	6,434	12,477	17,147	27,848	196	1,588	7,418
South Carolina...	12	10	2,675	7,096	2,441	3,866	5,990	18,032	13,052	31,136	116	2,234	11,487
Georgia.....	17	17	5,136	15,113	4,813	8,733	13,692	38,033	28,681	65,187	544	3,604	19,732
East South Central.	56	51	17,658	49,017	16,449	31,013	42,290	110,202	133,631	239,926	2,250	12,526	43,911
Tennessee.....	22	21	8,738	22,971	8,464	15,880	20,718	57,621	67,158	126,952	1,016	6,176	20,330
Alabama.....	18	15	4,546	13,362	3,942	7,887	11,464	27,389	34,329	59,418	946	3,249	12,679
West South Central.	11	11	1,925	5,117	1,816	3,415	4,556	10,048	9,620	19,023	188	1,708	7,283
Mountain.....	6	4	346	1,171	314	584	927	1,740	1,404	3,145	18	2,989	18,165
Pacific.....	64	30	2,704	8,752	2,361	4,487	7,191	17,652	21,667	38,591	190		
Subindustry 2321-22.—Men's Dress Shirts and Nightwear—JOBBERS													
Total.....	134	30	2,731	20,479	282	635	1,098	66,105	291,171	352,199	476	4,032	56,591
Northeast and North Central.....	114	23	1,876	15,162	165	350	725	57,188	252,471	306,260	409	3,287	46,836
New York.....	106	19	1,247	9,998	121	263	521	39,186	174,303	212,067	285	1,510	29,928
South and West.....	20	7	855	5,317	117	285	373	8,917	38,700	45,939	67	745	9,755
Subindustry 2321-33.—Men's Dress Shirts and Nightwear—CONTRACTORS													
Total.....	306	279	55,064	144,629	52,781	98,098	133,510	178,436	19,387	198,555	3,638	51,701	136,728
Northeast and North Central.....	123	106	16,010	46,286	15,198	27,408	42,294	58,129	3,595	62,034	1,290	18,670	53,795
Connecticut.....	11	9	827	2,637	797	1,474	2,306	3,518	281	3,854	24	841	2,921
New York.....	37	29	3,532	10,401	3,218	5,714	9,238	13,116	628	13,753	181	4,059	11,956
New Jersey.....	13	12	1,286	4,079	1,233	2,447	3,712	5,140	483	5,767	63	1,896	5,506
Pennsylvania.....	43	40	7,663	21,502	7,337	13,360	19,762	26,701	1,720	28,472	957	8,494	24,028
South and West.....	183	173	39,054	98,343	37,583	70,690	91,216	120,307	15,792	136,521	2,348	33,031	82,933
Virginia.....	10	9	1,973	5,254	1,884	3,570	4,849	6,329	760	7,139	35	1,531	3,754
South Carolina...	20	19	4,777	12,814	4,466	8,847	11,597	15,051	1,907	16,984	360	4,308	11,402
Alabama.....	19	18	4,289	10,688	4,124	7,595	9,951	12,468	1,100	13,461	253	3,221	7,788
INDUSTRY 2322.—MEN'S AND BOYS' UNDERWEAR													
Total.....	80	63	12,084	32,566	11,305	20,826	28,130	63,186	74,905	134,949	1,087	² 11,037	² 41,732
Middle Atlantic....	32	20	1,719	5,240	1,556	2,817	4,046	7,771	11,044	18,584	123	(³)	(³)
New York.....	12	6	455	1,298	421	739	948	1,874	2,917	4,683	10	515	2,904
Pennsylvania.....	16	12	1,183	3,570	1,069	1,933	2,793	5,098	7,374	12,437	113	1,319	3,866
North Central.....	12	10	1,455	3,995	1,396	2,571	3,701	11,581	8,865	19,950	286	1,017	4,993
South and West.....	36	33	8,910	23,331	8,353	15,438	20,383	43,834	54,996	96,415	678	7,463	28,779
North Carolina....	13	12	2,952	7,424	2,839	5,111	6,886	14,129	17,699	30,231	117	1,230	4,214
South Carolina...	6	6	1,429	3,700	1,312	2,581	3,181	5,098	10,871	16,385	137	1,064	2,665
Subindustries 2322-11 and -22.—Men's and Boys' Underwear—MANUFACTURERS—JOBBERS ⁴													
Total.....	61	47	10,175	27,720	9,530	17,589	23,918	56,532	74,016	127,468	1,021	8,792	35,483
Middle Atlantic....	23	13	1,382	4,379	1,237	2,272	3,297	6,096	10,814	16,702	106	1,689	5,019
New York.....	9	3	322	998	294	544	685	1,470	2,896	4,258	5	301	1,870
Pennsylvania.....	10	8	979	3,009	877	1,583	2,307	3,827	7,165	10,980	101	(³)	(³)
North Central, South, and West...	38	34	8,793	23,341	8,293	15,317	20,621	50,436	63,202	110,766	915	6,429	28,317

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2322-33.—Men's and Boys' Underwear—CONTRACTORS													
Total.....	19	16	1,909	4,846	1,775	3,237	4,212	6,654	889	7,481	66	2,245	6,249
Middle Atlantic....	9	7	337	861	319	545	749	1,675	230	1,882	17	(³)	(³)
New York.....	3	3	133	300	127	195	263	404	21	425	5	(³)	(³)
Pennsylvania.....	6	4	204	561	192	350	486	1,271	209	1,457	12	292	777
North Central and South.....	10	9	1,572	3,985	1,456	2,692	3,463	4,979	659	5,599	49	(³)	(³)
INDUSTRY 2323.—MEN'S AND BOYS' NECKWEAR													
Total.....	341	117	8,385	30,875	6,872	11,959	20,632	58,136	62,745	121,313	504	7,734	² 48,938
New England.....	21	10	516	1,823	427	693	1,121	3,205	3,743	6,927	29	516	2,925
Massachusetts....	13	6	265	1,109	212	344	592	2,224	2,614	4,809	12	338	1,949
Middle Atlantic....	231	71	5,050	19,396	4,138	7,265	13,202	35,937	40,873	77,301	332	4,853	31,200
New York.....	189	52	3,831	15,882	3,024	5,354	10,442	30,502	36,445	67,399	257	3,706	26,543
New Jersey.....	20	10	486	1,445	457	808	1,205	2,240	1,573	3,860	27	490	1,967
Pennsylvania.....	22	9	733	2,069	657	1,103	1,555	3,195	2,855	6,042	48	657	2,690
North Central.....	22	11	854	2,914	689	1,124	1,724	5,653	6,356	11,934	25	882	4,970
Illinois.....	10	3	319	818	285	448	411	1,376	1,666	3,058	5	200	1,242
South and West....	67	25	1,965	6,742	1,618	2,877	4,585	13,341	11,773	25,151	118	1,483	9,843
Maryland.....	7	4	258	743	211	347	489	1,721	1,862	3,603	25	246	1,298
North Carolina...	4	4	397	1,127	361	578	869	1,779	719	2,507	8	(³)	(³)
Subindustry 2323-11.—Men's and Boys' Neckwear—MANUFACTURERS													
Total.....	292	100	6,873	26,001	5,572	9,768	16,918	48,912	53,470	102,927	437	6,061	40,555
Northeast.....	211	68	4,654	18,386	3,765	6,581	12,181	33,666	38,132	72,267	312	3,964	26,950
New York.....	160	46	3,493	14,466	2,771	4,891	9,520	27,164	31,398	59,024	249	3,084	22,022
North Central, South, and West...	81	32	2,219	7,615	1,807	3,187	4,737	15,246	15,338	30,660	125	2,097	13,605
Maryland.....	7	4	258	743	211	347	489	1,721	1,862	3,603	25	(³)	(³)
Subindustry 2323-22.—Men's and Boys' Neckwear—JOBBERS													
Total.....	21	5	452	1,983	298	513	1,136	5,470	8,533	13,889	16	298	3,589
Northeast.....	17	4	178	890	89	165	333	2,996	5,800	8,797	6	220	2,966
New York.....	14	3	142	717	71	130	287	2,414	4,824	7,233	5	213	2,729
North Central and West.....	4	1	274	1,093	209	348	803	2,474	2,733	5,092	10	(³)	(³)
Subindustry 2323-33.—Men's and Boys' Neckwear—CONTRACTORS													
Total.....	28	12	1,060	2,891	1,002	1,678	2,578	3,754	742	4,497	51	1,375	4,794
Northeast.....	24	9	734	1,943	711	1,212	1,809	2,480	684	3,164	43	1,185	4,209
New York.....	15	3	196	699	182	333	635	924	223	1,142	3	409	1,792
North Central and South.....	4	3	326	948	291	466	769	1,274	58	1,333	8	(³)	(³)
INDUSTRY 2327.—SEPARATE TROUSERS													
Total.....	735	423	73,848	224,371	67,938	126,369	186,406	383,134	450,018	824,224	6,215	51,632	209,050
New England.....	33	14	898	3,038	811	1,505	2,348	5,315	7,414	12,444	35	1,379	6,617
Massachusetts....	25	10	657	2,349	583	1,092	1,715	4,509	7,207	11,432	31	902	4,975
Middle Atlantic....	331	142	14,042	50,181	12,718	22,850	40,570	84,427	131,679	214,635	1,005	12,773	62,296
New York.....	229	72	4,852	18,853	4,134	7,459	13,464	37,531	108,791	145,847	335	4,588	29,753
New Jersey.....	17	13	899	2,817	870	1,524	2,615	3,184	939	4,157	24	562	1,519
Pennsylvania.....	85	57	8,291	28,511	7,714	13,867	24,491	43,712	21,949	64,631	646	7,623	31,024
East North Central.	52	24	3,741	13,604	3,292	6,137	9,784	24,243	31,285	54,866	294	4,429	19,365
Ohio.....	15	9	1,568	5,469	1,374	2,575	3,853	8,599	11,451	20,087	64	1,950	7,595
Indiana.....	9	7	1,434	5,520	1,251	2,366	3,846	10,279	8,913	18,641	193	1,168	5,923
Illinois.....	22	7	671	2,313	620	1,107	1,957	4,212	7,760	11,814	31	1,084	5,115
West North Central.	28	22	3,443	9,406	3,190	5,683	8,004	13,725	11,293	24,900	141	3,335	12,912
Missouri.....	21	17	2,860	8,030	2,671	4,815	6,872	11,376	8,714	19,986	(D)	3,012	11,795

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2327.—SEPARATE TROUSERS—Continued													
South Atlantic.....	104	80	16,251	47,114	14,906	27,904	39,009	82,743	104,322	185,444	1,913	10,339	42,487
Maryland.....	27	12	1,264	4,872	1,049	1,896	3,016	7,820	16,928	24,847	124	1,124	6,180
Virginia.....	9	8	2,475	6,742	2,371	4,451	6,198	11,194	9,073	20,089	(D)	2,330	6,433
North Carolina...	7	5	1,201	3,277	1,075	1,837	2,880	5,332	13,584	18,594	41	(³)	(³)
Georgia.....	48	47	10,316	29,255	9,513	18,071	24,528	53,911	60,306	113,067	762	5,227	21,560
Florida.....	8	4	651	2,053	570	1,056	1,542	2,985	3,682	6,583	68	(³)	(³)
East South Central.	73	72	20,590	54,943	19,480	36,360	49,241	88,847	72,167	159,965	1,211	11,615	35,444
Kentucky.....	8	8	1,511	3,906	1,458	2,619	3,626	7,212	3,047	9,948	59	1,006	3,169
Tennessee.....	16	16	5,028	13,273	4,802	9,150	12,290	28,206	31,623	60,466	273	1,701	5,295
Alabama.....	20	19	4,889	12,925	4,641	8,616	11,557	17,475	7,056	24,837	216	3,495	10,204
Mississippi.....	29	29	9,164	24,839	8,579	15,975	21,768	35,954	30,441	64,714	663	5,413	16,776
West South Central.	53	48	12,531	38,011	11,486	22,158	31,102	68,885	70,654	134,554	1,526	5,708	19,393
Arkansas.....	10	9	2,090	4,709	2,027	3,342	4,451	5,833	1,281	6,845	151	(³)	(³)
Texas.....	31	30	9,002	29,224	8,096	16,190	22,894	56,844	66,341	118,744	1,137	4,397	15,212
West.....	61	21	2,352	8,074	2,055	3,772	6,348	14,949	21,204	37,416	90	2,054	10,536
California.....	51	13	1,470	5,092	1,340	2,549	4,290	9,619	9,896	20,749	35	1,390	7,192
Subindustry 2327-11.—Separate Trousers-MANUFACTURERS													
Total.....	294	160	33,662	101,296	30,760	57,496	82,537	191,898	219,205	404,888	3,773	23,698	102,364
New England.....	16	6	426	1,460	389	728	1,169	2,990	3,729	6,722	23	619	3,270
Middle Atlantic.....	111	41	3,951	13,437	3,575	6,387	10,828	20,982	27,680	48,429	319	2,710	16,567
New York.....	79	23	1,264	4,617	1,131	2,117	3,621	7,678	13,823	22,167	141	(³)	(³)
New Jersey.....	9	5	295	867	282	484	801	867	749	1,645	15	(³)	(³)
Pennsylvania.....	23	13	2,392	7,953	2,162	3,786	6,406	12,437	13,108	24,617	163	1,726	9,294
East North Central.	30	14	2,463	9,115	2,110	3,943	6,024	16,711	18,497	34,744	220	3,399	14,786
West North Central.	6	5	607	1,872	532	930	1,430	3,271	2,671	5,826	16	1,571	6,644
South Atlantic.....	43	34	7,784	21,955	7,125	12,909	18,399	47,752	64,647	111,418	1,407	5,529	24,994
Maryland.....	9	5	419	1,523	376	678	1,169	2,074	2,411	4,585	62	387	2,854
Virginia.....	4	4	1,340	3,530	1,275	2,019	3,147	7,140	8,343	15,318	834	1,308	3,984
Georgia.....	20	20	4,961	13,693	4,516	8,639	11,500	33,405	47,447	80,038	435	2,877	14,683
East South Central.	28	27	9,604	25,767	9,130	17,088	22,856	47,730	50,022	96,123	704	5,120	16,644
Alabama.....	6	5	973	2,797	891	1,590	2,078	3,924	3,606	7,855	38	1,293	4,528
Mississippi.....	9	9	3,950	10,675	3,690	6,790	9,188	18,681	20,515	37,583	452	(³)	(³)
West South Central.	24	20	7,093	22,005	6,333	12,702	17,173	42,701	43,195	82,638	1,028	3,141	11,685
Texas.....	17	16	6,641	20,836	5,896	11,898	16,106	39,896	41,520	78,577	926	2,682	9,769
West.....	36	13	1,734	5,685	1,566	2,809	4,658	9,761	8,764	18,988	56	1,609	7,774
California.....	30	9	1,068	3,623	986	1,830	3,050	6,408	4,708	11,767	15	1,050	5,323
Subindustry 2327-22.—Separate Trousers-JOBBERS													
Total.....	144	34	3,446	18,142	2,055	4,056	7,009	52,889	208,727	258,733	345	2,146	28,213
New England.....	8	1	114	533	80	162	248	1,100	3,513	4,324	7	122	1,126
Massachusetts....	8	1	114	533	80	162	248	1,100	3,513	4,324	7	(³)	(³)
Middle Atlantic....	92	13	1,090	6,769	573	1,169	2,328	21,239	100,202	120,069	157	1,008	15,499
New York.....	81	11	951	5,968	480	1,018	2,085	19,370	94,145	112,290	147	735	13,073
Pennsylvania.....	11	2	139	801	93	151	243	1,869	6,057	7,779	10	273	2,426
North Central.....	17	7	772	2,809	599	1,071	1,728	6,570	19,403	25,775	86	417	4,103
South.....	19	9	1,209	6,827	652	1,378	2,135	20,591	73,853	92,641	78	(³)	(³)
Maryland.....	10	2	447	2,361	287	578	916	4,504	14,309	18,812	44	142	1,661
West.....	8	4	261	1,204	151	276	570	3,389	11,756	15,924	17	(³)	(³)
Subindustry 2327-33.—Separate Trousers-INDEPENDENT CONTRACTORS													
Total.....	226	159	21,966	63,065	20,957	38,925	57,770	79,811	14,696	94,667	1,367	(NA)	(NA)
Northeast.....	122	81	6,961	22,037	6,632	11,621	20,150	27,250	3,678	31,085	414	(NA)	(NA)
New Jersey.....	8	8	604	1,950	588	1,040	1,814	2,317	190	2,512	9	(NA)	(NA)
Pennsylvania.....	42	33	3,916	12,601	3,714	6,575	11,379	15,491	2,545	18,105	361	(NA)	(NA)
North Central.....	22	15	2,037	5,595	1,985	3,628	5,199	7,157	1,493	8,703	69	(NA)	(NA)
Missouri.....	9	9	1,660	4,314	1,625	2,966	4,039	5,437	1,070	6,543	(D)	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2327-33.—Separate Trousers—INDEPENDENT CONTRACTORS—Continued													
South and West.....	82	63	12,968	35,433	12,340	23,676	32,421	45,404	9,525	54,879	884	(NA)	(NA)
Alabama.....	8	8	2,227	5,528	2,118	3,953	5,133	7,755	2,399	10,139	54	(NA)	(NA)
Subindustry 2327-44.—Separate Trousers—MULTIPLANT COMPANY CONTRACTORS													
Total.....	71	70	14,774	41,868	14,166	25,892	39,090	58,536	7,390	65,936	730	(NA)	(NA)
Northeast.....	15	14	2,398	8,983	2,280	4,288	8,195	16,181	291	16,450	120	(NA)	(NA)
Pennsylvania.....	9	9	1,844	7,156	1,745	3,355	6,463	13,915	239	14,130	112	(NA)	(NA)
North Central.....	5	5	1,306	3,619	1,256	2,248	3,407	4,259	514	4,718	44	(NA)	(NA)
South and West.....	51	51	11,070	29,266	10,630	19,356	27,488	38,096	6,585	44,768	566	(NA)	(NA)
Georgia.....	12	12	2,974	7,988	2,888	5,440	7,566	10,538	3,063	13,616	127	(NA)	(NA)
Alabama.....	6	6	1,687	4,600	1,632	3,073	4,346	5,796	1,048	6,843	124	(NA)	(NA)
Mississippi.....	11	11	2,286	6,063	2,167	3,859	5,551	6,864	767	7,871	86	(NA)	(NA)
INDUSTRY 2328.—WORK CLOTHING													
Total.....	439	353	62,477	179,612	57,580	105,308	149,811	330,653	500,719	824,710	5,839	64,780	255,481
New England.....	20	10	605	1,935	523	916	1,568	4,338	8,380	12,633	65	5,045	24,531
Middle Atlantic....	63	33	3,398	11,272	3,031	5,435	8,725	23,224	35,652	57,920	92		
New York.....	26	8	780	3,000	666	1,173	2,278	6,605	16,452	22,327	25	1,267	6,741
East North Central	52	36	4,732	15,582	4,237	7,957	12,426	30,684	54,363	84,585	265	5,775	25,584
Indiana.....	16	15	2,828	9,140	2,583	4,770	7,794	15,434	23,885	39,391	141	2,834	11,896
Illinois.....	19	14	1,091	3,189	998	1,862	2,627	8,188	12,112	19,453	51	1,137	5,301
West North Central.	41	36	5,472	17,484	4,942	9,347	14,055	29,386	34,082	63,352	419	6,345	23,766
Missouri.....	28	24	3,958	13,039	3,635	6,704	10,497	21,049	23,057	42,951	269	4,493	16,091
Kansas.....	6	6	1,007	2,736	853	1,770	2,315	4,134	4,627	9,719	64	(³)	(³)
South Atlantic.....	89	82	13,711	38,506	12,673	23,211	32,324	68,834	88,319	152,949	1,442	13,382	47,882
Maryland.....	12	11	807	1,958	766	1,278	1,748	3,645	3,120	6,541	20	1,028	3,753
Virginia.....	18	17	3,750	10,485	3,497	6,407	8,985	19,469	25,687	46,258	195	2,916	12,711
North Carolina....	20	19	2,989	8,577	2,701	4,786	6,726	13,843	17,498	31,005	172	3,492	11,393
Georgia.....	31	29	5,505	15,794	5,079	9,585	13,350	29,912	39,819	64,872	997	5,177	18,037
East South Central.	84	79	20,552	55,968	19,388	35,040	49,325	93,899	158,572	252,827	1,899	20,379	74,580
Kentucky.....	21	20	4,413	12,301	4,313	7,895	11,611	14,550	25,495	42,937	112	3,153	11,471
Tennessee.....	34	32	8,836	24,047	8,123	14,870	20,281	46,877	94,908	139,561	1,372	9,451	38,458
Alabama.....	12	10	2,398	6,693	2,269	4,140	5,999	12,414	22,382	34,601	134	2,170	9,318
Mississippi.....	17	17	4,905	12,927	4,683	8,135	11,434	20,058	15,787	35,728	281	5,605	15,333
West South Central.	56	55	10,995	29,111	10,130	18,650	24,070	53,334	63,044	114,630	1,394	11,017	41,643
Arkansas.....	4	4	734	1,983	679	1,261	1,668	3,117	2,148	5,361	12	1,916	5,128
Louisiana.....	10	10	1,847	4,346	1,746	2,997	3,769	9,604	8,878	18,851	95	1,562	5,281
Oklahoma.....	8	8	1,053	3,026	934	1,681	2,370	4,718	8,152	12,471	84	582	2,169
Texas.....	34	33	7,361	19,756	6,771	12,711	16,263	35,895	43,866	77,947	1,203	6,957	29,065
West.....	34	22	3,012	9,754	2,656	4,752	7,318	26,954	58,307	85,814	263	2,837	17,495
California.....	29	17	2,211	7,599	1,912	3,452	5,575	25,175	52,319	77,864	201	2,167	14,774
Subindustry 2328-11.—Work Clothing—MANUFACTURERS													
Total.....	266	199	37,720	109,318	34,816	63,640	90,923	196,414	278,630	474,228	3,721	45,543	189,193
New England.....	15	7	466	1,469	403	713	1,212	3,787	6,938	10,692	60	677	2,900
Middle Atlantic....	43	23	2,213	6,986	2,017	3,603	5,578	12,757	16,655	29,292	53	3,234	16,708
New York.....	17	6	617	2,309	533	930	1,713	4,383	6,864	11,029	22	976	4,560
East North Central.	39	25	3,724	12,277	3,330	6,243	9,917	22,860	31,640	55,133	236	4,895	21,617
Illinois.....	10	7	518	1,564	454	844	1,176	4,991	5,250	10,522	29	599	3,352
West North Central.	15	12	2,203	7,462	1,955	3,627	5,479	12,399	16,079	27,721	121	3,428	14,451
South Atlantic.....	52	46	7,623	21,790	6,904	12,509	17,540	38,660	48,127	87,393	1,252	10,175	38,233
Virginia.....	8	7	1,882	5,312	1,729	3,186	4,516	9,120	13,448	24,429	138	2,086	10,869
North Carolina....	14	13	2,236	6,356	2,013	3,504	4,979	10,899	15,044	25,528	166	2,788	9,421
Georgia.....	19	18	2,792	8,234	2,493	4,625	6,421	15,538	17,166	31,837	883	4,244	14,897

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2328-11.—Work Clothing—MANUFACTURERS—Continued													
East South Central.	44	40	12,195	33,214	11,672	20,861	29,710	60,664	89,211	150,519	650	12,888	50,766
Kentucky.....	9	9	2,692	7,917	2,633	4,862	7,414	9,471	24,792	37,170	71	1,758	7,969
Tennessee.....	24	22	6,388	17,139	6,103	11,171	15,169	34,834	43,771	77,176	408	6,714	26,717
West South Central.	30	29	6,776	18,580	6,158	11,744	14,887	33,256	49,793	81,299	1,160	7,759	32,189
Texas.....	23	22	5,469	15,153	5,006	9,692	12,215	26,712	42,439	67,349	1,097	5,369	23,189
West.....	28	17	2,520	7,540	2,373	4,340	6,600	12,031	20,187	32,179	189	2,487	12,329
California.....	24	13	1,885	5,813	1,784	3,305	5,219	10,347	15,855	26,061	174	1,817	9,608
Subindustry 2328-22.—Work Clothing—JOBBERS													
Total.....	36	26	4,688	17,591	3,435	6,587	10,101	65,066	213,431	271,781	1,293	2,464	23,781
Northeast.....	10	2	266	1,650	134	266	720	7,011	20,107	26,095	14	77	1,677
North Central.....	10	8	981	3,865	692	1,495	2,247	14,274	40,044	53,932	167	1,131	6,178
South and West.....	16	16	3,441	12,076	2,609	4,826	7,134	43,781	153,280	191,754	1,112	1,256	15,926
Subindustry 2328-33.—Work Clothing—INDEPENDENT CONTRACTORS													
Total.....	50	42	5,089	13,653	4,831	8,542	12,299	16,730	1,629	18,515	158	(NA)	(NA)
Northeast and North Central.....	21	15	1,600	4,919	1,511	2,706	4,351	5,792	470	6,397	42	(NA)	(NA)
South and West.....	29	27	3,489	8,733	3,320	5,836	7,948	10,938	1,159	12,118	116	(NA)	(NA)
Kentucky.....	4	4	765	1,986	747	1,352	1,915	2,206	186	2,377	20	(NA)	(NA)
Subindustry 2328-44.—Work Clothing—MULTIPLANT COMPANY CONTRACTORS													
Total.....	87	86	14,980	39,050	14,498	26,539	36,488	52,443	7,029	60,186	667	(NA)	(NA)
Northeast and North Central.....	23	23	2,754	7,645	2,691	5,002	7,270	8,752	544	9,228	148	(NA)	(NA)
Missouri.....	9	9	1,228	3,530	1,201	2,284	3,375	4,073	414	4,464	61	(NA)	(NA)
South.....	64	63	12,226	31,405	11,807	21,537	29,218	43,691	6,485	50,958	519	(NA)	(NA)
Kentucky.....	8	7	956	2,398	933	1,681	2,282	3,873	517	3,390	21	(NA)	(NA)
Mississippi.....	7	7	1,891	4,932	1,817	3,436	4,444	6,103	1,629	8,055	112	(NA)	(NA)
INDUSTRY 2329.—MEN'S AND BOYS' CLOTHING, N.E.C.													
Total.....	554	365	35,917	115,722	32,293	57,102	92,813	183,224	217,158	397,551	2,827	32,392	149,951
New England.....	54	30	2,524	8,815	2,291	3,911	7,374	13,896	12,339	25,894	188	2,311	11,248
Massachusetts....	41	21	1,857	6,633	1,684	2,804	5,541	10,584	9,991	20,378	133	1,930	8,718
Connecticut.....	4	3	241	861	227	435	751	1,041	352	1,406	14	105	499
Middle Atlantic....	249	149	12,022	41,058	10,755	18,900	33,100	69,536	93,570	162,675	893	12,876	63,097
New York.....	150	70	4,608	18,111	3,984	7,188	13,345	34,840	63,866	97,986	420	6,119	36,580
East North Central.	58	42	3,443	11,321	3,073	5,595	8,838	18,966	21,130	39,540	482	3,547	22,356
Ohio.....	11	6	514	1,682	446	782	1,297	2,833	2,440	5,099	41	(3)	(3)
Indiana.....	6	4	334	1,105	309	572	788	2,590	2,349	4,738	67	(3)	(3)
Illinois.....	24	17	1,293	4,592	1,164	2,172	3,611	6,702	8,631	15,365	127	1,411	7,245
Michigan.....	5	4	301	781	277	482	707	1,614	2,067	3,653	18	(3)	(3)
Wisconsin.....	12	11	1,001	3,161	877	1,587	2,435	5,227	5,643	10,685	229	(3)	(3)
West North Central.	38	29	3,368	10,702	3,032	5,194	8,477	17,023	18,494	35,110	248	2,136	10,073
Minnesota.....	16	14	1,610	5,284	1,428	2,338	3,800	8,899	8,406	16,820	105	(3)	(3)
Missouri.....	14	10	1,216	3,888	1,094	1,982	3,313	5,182	8,773	14,154	122	1,077	4,561
South Atlantic.....	58	44	4,407	12,252	4,025	7,283	10,403	16,220	12,972	28,190	299	(3)	(3)
Maryland.....	11	7	434	1,322	404	716	1,120	2,322	2,977	5,203	11	(3)	(3)
Virginia.....	6	5	1,020	2,598	931	1,687	2,187	2,812	2,177	4,919	82	935	2,586
North Carolina...	5	4	385	1,014	375	672	949	1,551	773	2,357	45	(3)	(3)
South Carolina...	4	3	160	528	147	251	482	590	258	851	(D)	(3)	(3)
Florida.....	10	5	201	597	182	337	486	502	1,055	1,569	17	(3)	(3)
East South Central.	30	28	5,833	16,486	5,256	9,328	12,968	22,105	35,494	57,421	417	(3)	(3)
West South Central.	12	10	1,494	4,503	1,396	2,579	3,675	7,348	6,656	13,996	93	(3)	(3)
Texas.....	7	5	650	1,905	626	1,142	1,766	3,409	3,186	6,446	64	821	3,328
West.....	55	33	2,826	10,585	2,465	4,312	7,978	18,130	16,503	34,725	207	2,130	10,433
California.....	36	18	1,442	5,678	1,281	2,239	4,270	9,362	7,079	16,741	99	1,537	7,703

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2329-11.—Men's and Boys' Clothing, N.E.C.—MANUFACTURERS													
Total.....	317	198	21,412	70,016	19,154	34,119	54,978	113,454	145,949	256,485	1,645	18,808	90,811
New England.....	32	14	1,115	4,211	965	1,610	3,329	7,834	10,179	17,697	114	1,428	7,215
Massachusetts....	26	10	805	3,203	693	1,117	2,533	5,960	8,038	13,830	79	1,281	6,291
Middle Atlantic....	119	66	5,576	18,890	5,053	9,034	15,622	34,316	40,237	73,711	402	5,811	30,659
New York.....	78	35	2,570	9,553	2,284	4,196	7,686	18,797	25,059	42,843	260	3,459	19,406
East North Central.	43	30	2,525	8,249	2,227	4,010	6,395	14,817	18,071	32,389	379	2,456	13,255
Indiana.....	6	4	334	1,105	309	572	788	2,590	2,349	4,738	67	(³)	(³)
Illinois.....	14	9	629	2,202	562	1,007	1,817	3,313	5,624	8,988	39	802	5,082
West North Central.	25	18	2,279	7,575	2,021	3,489	5,738	11,826	11,781	23,172	123	1,760	8,691
Missouri.....	6	4	486	1,566	430	821	1,279	1,822	2,532	4,475	18	727	3,238
South Atlantic....	26	19	1,985	5,380	1,821	3,273	4,341	6,171	10,328	15,564	102	(³)	(³)
East South Central.	16	16	4,301	12,640	3,827	6,914	9,619	17,123	33,742	50,695	268	(³)	(³)
West South Central.	8	6	1,073	3,355	984	1,828	2,565	5,283	6,581	11,870	75	(³)	(³)
West.....	48	29	2,558	9,716	2,256	3,961	7,369	16,084	15,030	31,387	182	1,846	8,925
California.....	30	15	1,221	4,952	1,088	1,902	3,688	7,662	6,867	14,846	74	1,274	6,257
Subindustry 2329-22.—Men's and Boys' Clothing, N.E.C.—JOBBERS													
Total.....	66	15	1,327	7,198	836	1,649	3,126	18,264	67,907	86,240	246	1,333	20,758
Northeast.....	50	10	721	4,676	375	775	1,512	13,407	54,194	67,912	80	869	12,669
New York.....	35	6	490	3,395	228	449	961	9,440	38,512	48,214	57	660	9,598
North Central.....	7	4	520	2,184	434	836	1,545	3,188	9,384	12,624	154	375	6,984
South and West.....	9	1	83	338	27	38	69	1,669	4,329	5,704	12	89	1,105
Subindustry 2329-33.—Men's and Boys' Clothing, N.E.C.—INDEPENDENT CONTRACTORS													
Total.....	144	128	10,192	30,330	9,476	16,332	27,226	38,746	2,605	41,438	682	(NA)	(NA)
New England.....	15	15	1,291	4,124	1,219	2,103	3,715	5,056	181	5,216	67	(NA)	(NA)
Middle Atlantic....	83	71	5,356	16,499	4,998	8,533	15,031	21,138	944	22,178	361	(NA)	(NA)
North Central.....	9	9	562	1,561	522	915	1,375	1,929	216	2,156	25	(NA)	(NA)
Illinois.....	4	4	170	486	157	279	427	606	25	630	12	(NA)	(NA)
Missouri.....	3	3	258	719	238	410	617	988	149	1,143	12	(NA)	(NA)
South and West.....	37	33	2,983	8,146	2,737	4,781	7,105	10,623	1,264	11,888	229	(NA)	(NA)
Maryland.....	5	4	258	721	251	444	681	1,041	234	1,250	9	(NA)	(NA)
Subindustry 2329-44.—Men's and Boys' Clothing, N.E.C.—MULTIPLANT COMPANY CONTRACTORS													
Total.....	27	24	2,986	8,178	2,827	5,002	7,483	12,760	697	13,388	254	(NA)	(NA)
Northeast and North Central.....	16	13	1,412	3,927	1,337	2,295	3,527	5,910	346	6,164	106	(NA)	(NA)
South.....	11	11	1,574	4,251	1,490	2,707	3,956	6,850	351	7,224	148	(NA)	(NA)

Note: Detailed figures may not add to the totals because of independent rounding.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2311, Men's and Boys' Suits and Coats: New England—Maine, 2 (100-249); New Hampshire, 2 (100-249); Rhode Island, 3 (364); East North Central—Michigan, 4 (20-99); Wisconsin, 2 (100-249); West North Central—Iowa, 4 (100-249); Kansas, 3 (250-499); South Atlantic—Delaware, 1 (250-499); Virginia, 5 (1,000-2,499); South Carolina, 1 (20-99); East South Central—Kentucky, 12 (4,467); Alabama, 3 (500-999); Mississippi, 2 (500-999); West South Central—Arkansas, 1 (100-249); Louisiana, 7 (1,000-2,499); Oklahoma, 1 (20-99); Mountain—Idaho, 1 (1-19); Colorado, 1 (1-19); Utah, 4 (100-249); Pacific—Washington, 3 (100-249); Hawaii, 2 (1-19). SIC 2311-11, Men's and Boys' Suits and Coats-Manufacturers: New England—Maine, 1 (100-249); Rhode Island, 3 (250-499); Connecticut, 4 (100-249); East North Central—Ohio, 19 (5,000-9,999); Indiana, 3 (250-499); Michigan, 4 (20-99); Wisconsin, 2 (100-249); West North Central—Minnesota, 11 (500-999); Iowa, 3 (20-99); Kansas, 3 (250-499); South Atlantic—Virginia, 3 (1,000-2,499); North Carolina, 1 (1-19); East South Central—Kentucky, 5 (2,500-4,999); Alabama, 1 (1-19); West South Central—Louisiana, 6 (1,000-2,499); Oklahoma, 1 (20-99); Mountain—Idaho, 1 (1-19); Colorado, 1 (1-19); Utah, 3 (250-499); Pacific—Washington, 2 (20-99); Hawaii, 1 (1-19). SIC 2311-22, Men's and Boys' Suits and Coats-Jobbers: New England—Massachusetts, 15 (250-499); Connecticut, 2 (20-99); East North Central—Ohio, 2 (250-499); Illinois, 8 (100-249); West North Central—Minnesota, 1 (1-19); South Atlantic—Georgia, 2 (100-249); East South Central—Kentucky, 1 (20-99); Tennessee, 1 (500-999); Alabama, 1 (250-499); West South Central—Louisiana, 1 (1-19); Pacific—California, 4 (20-99).

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-23A—Continued

- SIC 2311-33, Men's and Boys' Suits and Coats—Independent Contractors: New England—New Hampshire, 2 (100-249); Massachusetts, 19 (1,000-2,499); Connecticut, 1 (20-99); East North Central—Ohio, 3 (20-99); Indiana, 1 (20-99); West North Central—Minnesota, 1 (1-19); Missouri, 5 (250-499); South Atlantic—North Carolina, 3 (250-499); Georgia, 4 (1,000-2,499); East South Central—Kentucky, 2 (100-249); Tennessee, 4 (500-999); Mississippi, 1 (500-999); West South Central—Arkansas, 1 (100-249); Mountain—Utah, 1 (1-19); Pacific—Washington, 1 (20-99); California, 24 (250-499); Hawaii, 1 (1-19).
- SIC 2311-44, Men's and Boys' Suits and Coats—Multiplant Company Contractors: New England—Maine, 1 (100-249); Massachusetts, 3 (500-999); Connecticut, 1 (1-19); East North Central—Indiana, 1 (500-999); Illinois, 1 (250-499); West North Central—Minnesota, 1 (20-99); Iowa, 1 (100-249); Missouri, 1 (250-499); South Atlantic—Delaware, 1 (250-499); Virginia, 2 (1,000-2,499); North Carolina, 1 (100-249); South Carolina, 1 (20-99); Georgia, 2 (250-499); East South Central—Kentucky, 4 (1,000-2,499); Tennessee, 3 (500-999); Alabama, 1 (250-499); Mississippi, 1 (250-499); Pacific—California, 2 (20-99).
- SIC 2321, Men's Dress Shirts and Nightwear: New England—Maine, 3 (500-949); Vermont, 1 (20-99); Massachusetts, 6 (1,936); East North Central—Ohio, 11 (878); Indiana, 4 (1,000-2,499); Illinois, 8 (250-499); Michigan, 2 (1-19); Wisconsin, 1 (20-99); West North Central—Minnesota, 5 (495); Iowa, 1 (1-19); Kansas, 3 (100-249); South Atlantic—Delaware, 4 (250-499); District of Columbia, 1 (1-19); West Virginia, 1 (100-249); West South Central—Louisiana, 1 (100-249); Texas, 8 (500-999); Mountain—Colorado, 1 (20-99); Arizona, 5 (250-499); Pacific—Washington, 1 (1-19); Oregon, 1 (250-499); California, 85 (2,500-4,999).
- SIC 2321-11, Men's Dress Shirts and Nightwear—Manufacturers: New England—New Hampshire, 2 (20-99); Vermont, 1 (20-99); Massachusetts, 3 (1,000-2,449); Connecticut, 4 (100-249); East North Central—Ohio, 7 (100-249); Indiana, 3 (500-999); Illinois, 6 (250-499); Michigan, 2 (1-19); Wisconsin, 1 (20-99); West North Central—Minnesota, 2 (250-499); Missouri, 10 (1,000-2,499); Kansas, 2 (100-249); South Atlantic—District of Columbia, 1 (1-19); Florida, 6 (250-499); East South Central—Kentucky, 5 (1,000-2,499); Mississippi, 11 (2,500-4,999); West South Central—Arkansas, 6 (1,000-2,499); Louisiana, 1 (100-249); Texas, 4 (250-499); Mountain—Colorado, 1 (20-99); Arizona, 5 (250-499); Pacific—Washington, 1 (1-19); Oregon, 1 (250-499); California, 54 (1,000-2,499); Hawaii, 8 (100-249).
- SIC 2321-22, Men's Dress Shirts and Nightwear—Jobbers: New England—Maine, 1 (100-249); Connecticut, 2 (20-99); East North Central—Ohio, 2 (250-499); Illinois, 1 (1-19); West North Central—Minnesota, 1 (1-19); Missouri, 1 (1-19); South Atlantic—Maryland, 2 (1-19); North Carolina, 1 (20-99); Georgia, 1 (500-999); East South Central—Tennessee, 1 (1-19); Pacific—California, 15 (250-499).
- SIC 2321-33, Men's Dress Shirts and Nightwear—Contractors: New England—Maine, 19 (2,500-4,999); New Hampshire, 3 (250-499); Massachusetts, 3 (500-999); East North Central—Ohio, 2 (100-249); Indiana, 1 (250-499); Illinois, 1 (1-19); West North Central—Minnesota, 2 (100-249); Iowa, 1 (1-19); Missouri, 3 (20-99); Kansas, 1 (20-99); South Atlantic—Delaware, 4 (250-499); Maryland, 8 (500-999); West Virginia, 1 (100-249); North Carolina, 25 (5,000-9,999); Georgia, 19 (5,000-9,999); Florida, 3 (250-499); East South Central—Kentucky, 5 (500-999); Tennessee, 24 (5,000-9,999); Mississippi, 21 (5,000-9,999); West South Central—Arkansas, 3 (100-249); Texas, 4 (500-999); Pacific—California, 16 (500-999); Hawaii, 1 (20-99).
- SIC 2322, Men's and Boys' Underwear: Middle Atlantic—New Jersey, 4 (20-99); East North Central—Ohio, 1 (100-249); Indiana, 2 (250-499); Illinois, 2 (250-499); Michigan, 1 (1-19); Wisconsin, 1 (20-99); West North Central—Minnesota, 3 (500-999); Missouri, 1 (20-99); Nebraska, 1 (20-99); South Atlantic—Virginia, 2 (250-499); Georgia, 2 (100-249); East South Central—Kentucky, 5 (2,036); Tennessee, 2 (250-499); Alabama, 1 (100-249); Mississippi, 1 (250-499); West South Central—Arkansas, 1 (100-249); Oklahoma, 1 (100-249); Texas, 1 (1-19); Mountain—Arizona, 1 (500-999).
- SIC 2322-11, Men's and Boys' Underwear—Manufacturers and Jobbers: Middle Atlantic—New Jersey, 4 (20-99); East North Central—Ohio, 1 (100-249); Illinois, 2 (250-499); Michigan, 1 (1-19); Wisconsin, 1 (20-99); West North Central—Minnesota, 3 (250-499); Missouri, 1 (20-99); South Atlantic—Virginia, 1 (250-499); North Carolina, 11 (1,000-2,499); South Carolina, 5 (1,000-2,499); Georgia, 2 (100-249); East South Central—Kentucky, 3 (1,000-2,499); Tennessee, 1 (100-249); Alabama, 1 (100-249); Mississippi, 1 (100-249); West South Central—Arkansas, 1 (100-249); Oklahoma, 1 (100-249); Texas, 1 (1-19); Mountain—Arizona, 1 (500-999).
- SIC 2322-33, Men's and Boys' Underwear—Contractors: East North Central—Indiana, 2 (250-499); West North Central—Nebraska, 1 (20-99); South Atlantic—Virginia, 1 (1-19); North Carolina, 2 (500-999); South Carolina, 1 (20-99); East South Central—Kentucky, 2 (250-499); Tennessee, 1 (100-249).
- SIC 2323, Men's and Boys' Neckwear: New England—Vermont, 2 (1-19); Connecticut, 6 (100-249); East North Central—Ohio, 4 (300); Michigan, 1 (1-19); West North Central—Minnesota, 1 (20-99); Iowa, 1 (20-99); Missouri, 4 (100-249); Kansas, 1 (1-19); South Atlantic—Georgia, 2 (20-99); Florida, 1 (1-19); East South Central—Kentucky, 4 (117); West South Central—Arkansas, 1 (1-19); Louisiana, 2 (500-999); Texas, 4 (20-99); Mountain—Colorado, 1 (1-19); New Mexico, 3 (1-19); Arizona, 1 (1-19); Pacific—Washington, 2 (20-99); Oregon, 1 (1-19); California, 33 (500-999); Hawaii, 1 (1-19).
- SIC 2323-11, Men's and Boys' Neckwear—Manufacturers: New England—Vermont, 2 (1-19); Massachusetts, 12 (250-499); Connecticut, 5 (100-249); Middle Atlantic—New Jersey, 16 (250-499); Pennsylvania, 16 (250-499); East North Central—Ohio, 3 (20-99); Illinois, 9 (250-499); Michigan, 1 (1-19); West North Central—Minnesota, 1 (20-99); Iowa, 1 (20-99); Missouri, 4 (100-249); Kansas, 1 (1-19); South Atlantic—North Carolina, 2 (100-249); Georgia, 2 (20-99); Florida, 1 (1-19); East South Central—Kentucky, 3 (20-99); West South Central—Arkansas, 1 (1-19); Louisiana, 2 (500-999); Texas, 4 (20-99); Mountain—Colorado, 1 (1-19); New Mexico, 3 (1-19); Arizona, 1 (1-19); Pacific—Washington, 2 (20-99); Oregon, 1 (1-19); California, 30 (250-499); Hawaii, 1 (1-19).
- SIC 2323-22, Men's and Boys' Neckwear—Jobbers: New England—Massachusetts, 1 (1-19); Middle Atlantic—Pennsylvania, 2 (20-99); East North Central—Ohio, 1 (250-499); Pacific—California, 3 (20-99).
- SIC 2323-33, Men's and Boys' Neckwear—Contractors: New England—Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 4 (20-99); Pennsylvania, 4 (250-499); East North Central—Illinois, 1 (1-19); South Atlantic—North Carolina, 2 (250-499); East South Central—Kentucky, 1 (20-99).
- SIC 2327, Separate Trousers: New England—Maine, 2 (20-99); Rhode Island, 1 (1-19); Connecticut, 5 (191); East North Central—Michigan, 6 (20-99); West North Central—Minnesota, 2 (1-19); Iowa, 2 (250-499); Nebraska, 1 (100-249); Kansas, 2 (20-99); South Atlantic—West Virginia, 2 (100-249); South Carolina, 3 (100-249); West South Central—Louisiana, 6 (250-499); Oklahoma, 6 (1,000-2,499); Mountain—Colorado, 5 (250-499); Pacific—Washington, 4 (480); Oregon, 1 (100-249).
- SIC 2327-11, Separate Trousers—Manufacturers: New England—Maine, 1 (1-19); Rhode Island, 1 (1-19); Connecticut, 2 (1-19); East North Central—Ohio, 11 (1,000-2,499); Indiana, 6 (500-999); Illinois, 10 (20-99); Michigan, 3 (20-99); West North Central—Minnesota, 1 (1-19); Iowa, 1 (100-249); Missouri, 4 (250-499); South Atlantic—North Carolina, 2 (250-499); South Carolina, 2 (20-99); Florida, 6 (500-999); East South Central—Kentucky, 3 (500-999); Tennessee, 10 (2,500-4,999); West South Central—Arkansas, 3 (100-249); Louisiana, 3 (100-249); Oklahoma, 1 (100-249); Mountain—Colorado, 3 (100-249); Pacific—Washington, 2 (250-499); Oregon, 1 (100-249).
- SIC 2327-22, Separate Trousers—Jobbers: East North Central—Ohio, 2 (1-19); Indiana, 1 (1-19); Illinois, 5 (250-499); Michigan, 1 (1-19); West North Central—Missouri, 6 (100-249); Kansas, 2 (20-99); South Atlantic—Virginia, 1 (1-19); North Carolina, 1 (20-99); Georgia, 1 (20-99); Florida, 1 (1-19); East South Central—Tennessee, 1 (100-249); Mississippi, 1 (250-499); West South Central—Louisiana, 1 (20-99); Texas, 2 (100-249); Mountain—Colorado, 2 (20-99); Pacific—Washington, 2 (100-249); California, 4 (20-99).
- SIC 2327-33, Separate Trousers—Independent Contractors: New England—Maine, 1 (20-99); Massachusetts, 5 (100-249); Connecticut, 2 (100-249); Middle Atlantic—New York, 64 (1,000-2,499); East North Central—Ohio, 2 (100-249); Indiana, 1 (100-249); Illinois, 7 (100-249); Michigan, 2 (1-19); West North Central—Minnesota, 1 (1-19); South Atlantic—Maryland, 7 (250-499); Virginia, 4 (1,000-2,499); West Virginia, 1 (100-249); North Carolina, 2 (100-249); South Carolina, 1 (20-99); Georgia, 15 (1,000-2,499); Florida, 1 (20-99); East South Central—Kentucky, 1 (100-249); Tennessee, 3 (500-999); Mississippi, 8 (2,500-4,999); West South Central—Arkansas, 2 (250-499); Louisiana, 2 (100-249); Oklahoma, 2 (250-499); Texas, 10 (1,000-2,499).
- SIC 2327-44, Separate Trousers—Multiplant Company Contractors: New England—Connecticut, 1 (20-99); Middle Atlantic—New York, 5 (250-499); East North Central—Indiana, 1 (250-499); West North Central—Iowa, 1 (100-249); Missouri, 2 (500-999); Nebraska, 1 (100-249); South Atlantic—Maryland, 1 (20-99); West Virginia, 1 (20-99); North Carolina, 2 (500-999); Georgia, 12 (2,500-4,999); East South Central—Kentucky, 4 (500-999); Tennessee, 2 (250-499); West South Central—Arkansas, 5 (1,000-2,499); Oklahoma, 3 (500-999); Texas, 2 (100-249); Pacific—California, 2 (100-249).
- SIC 2328, Work Clothing: New England—New Hampshire, 4 (100-249); Massachusetts, 13 (364); Connecticut, 3 (20-99); Middle Atlantic—New Jersey, 4 (162); Pennsylvania, 33 (2,456); East North Central—Ohio, 6 (250-499); Michigan, 9 (187); Wisconsin, 2 (250-499); West North Central—Minnesota, 2 (100-249); Iowa, 5 (250-499); South Atlantic—Delaware, 1 (20-99); West Virginia, 2 (20-99); South Carolina, 2 (250-499); Florida, 3 (100-249); Mountain—Colorado, 2 (250-499); Arizona, 1 (100-249); Utah, 1 (20-99); Pacific—Washington, 1 (250-499).
- SIC 2328-11, Work Clothing—Manufacturers: New England—New Hampshire, 4 (100-249); Massachusetts, 9 (250-499); Connecticut, 2 (1-19); Middle Atlantic—New Jersey, 3 (20-99); Pennsylvania, 23 (1,000-2,499); East North Central—Ohio, 5 (100-249); Indiana, 13 (2,500-4,999); Michigan, 9 (100-249); Wisconsin, 2 (250-499); West North Central—Minnesota, 1 (20-99); Iowa, 1 (1-19); Missouri, 12 (1,000-2,499); Kansas, 1 (100-249); South Atlantic—Delaware, 1 (20-99); Maryland, 4 (100-249); West Virginia, 2 (20-99); South Carolina, 1 (100-249); Florida, 3 (100-249); East South Central—Alabama, 6 (500-999); Mississippi, 5 (1,000-2,499); West South Central—Arkansas, 1 (250-499); Louisiana, 3 (500-999); Oklahoma, 3 (250-499); Mountain—Colorado, 1 (100-249); Arizona, 1 (100-249); Utah, 1 (20-99); Pacific—Washington, 1 (250-499).

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-23A—Continued

- SIC 2328-22, Work Clothing—Jobbers: New England—Massachusetts, 1 (1-19); Connecticut, 1 (20-99); Middle Atlantic—New York, 6 (20-99); New Jersey, 1 (100-249); Pennsylvania, 1 (1-19); East North Central—Ohio, 1 (100-249); Indiana, 1 (20-99); Illinois, 2 (100-249); West North Central—Minnesota, 1 (20-99); Iowa, 1 (100-249); Missouri, 3 (100-249); Kansas, 1 (100-249); South Atlantic—Maryland, 1 (20-99); Virginia, 1 (250-499); North Carolina, 1 (20-99); Georgia, 2 (500-999); East South Central—Tennessee, 2 (500-999); Alabama, 2 (500-999); West South Central—Louisiana, 1 (250-499); Oklahoma, 1 (100-249); Mountain—Colorado, 1 (100-249); Pacific—California, 4 (250-499).
- SIC 2328-33, Work Clothing—Independent Contractors: New England—Massachusetts, 3 (20-99); Middle Atlantic—New York, 3 (100-249); Pennsylvania, 7 (500-999); East North Central—Illinois, 4 (100-249); West North Central—Missouri, 4 (500-999); South Atlantic—Maryland, 3 (100-249); North Carolina, 2 (250-499); Georgia, 2 (20-99); East South Central—Tennessee, 1 (100-249); Mississippi, 5 (500-999); West South Central—Arkansas, 2 (100-249); Louisiana, 2 (100-249); Texas, 7 (500-999); Pacific—California, 1 (1-19).
- SIC 2328-44, Work Clothing—Multiplant Company Contractors: Middle Atlantic—Pennsylvania, 2 (100-249); East North Central—Indiana, 2 (100-249); Illinois, 3 (250-499); West North Central—Iowa, 3 (100-249); Kansas, 4 (500-999); South Atlantic—Maryland, 4 (250-499); Virginia, 9 (1,000-2,499); North Carolina, 3 (250-499); South Carolina, 1 (100-249); Georgia, 8 (1,000-2,499); East South Central—Tennessee, 7 (1,000-2,499); Alabama, 4 (500-999); West South Central—Arkansas, 1 (100-249); Louisiana, 4 (500-999); Oklahoma, 4 (500-999); Texas, 4 (500-999).
- SIC 2329, Men's and Boys' Clothing, N.E.C.: New England—Maine, 3 (140); New Hampshire, 2 (100-249); Vermont, 1 (20-99); Rhode Island, 3 (20-99); Middle Atlantic—New Jersey, 32 (1,834); Pennsylvania, 67 (5,577); West North Central—Iowa, 4 (309); Nebraska, 3 (100-249); Kansas, 1 (1-19); South Atlantic—West Virginia, 2 (100-249); Georgia, 20 (1,000-2,499); East South Central—Kentucky, 7 (823); Tennessee, 13 (2,500-4,999); Alabama, 4 (500-999); Mississippi, 6 (1,000-2,499); West South Central—Arkansas, 4 (500-999); Louisiana, 1 (250-499); Mountain—Colorado, 1 (20-99); Arizona, 1 (1-19); Utah, 2 (100-249); Pacific—Washington, 10 (1,023); Alaska, 1 (1-19); Hawaii, 4 (100-249).
- SIC 2329-11, Men's and Boys' Clothing, N.E.C.—Manufacturers: New England—Maine, 1 (1-19); New Hampshire, 2 (100-249); Vermont, 1 (20-99); Rhode Island, 1 (1-19); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 10 (250-499); Pennsylvania, 31 (2,500-4,999); East North Central—Ohio, 10 (500-999); Michigan, 4 (100-249); Wisconsin, 9 (500-999); West North Central—Minnesota, 14 (1,000-2,499); Iowa, 3 (100-249); Nebraska, 1 (100-249); Kansas, 1 (1-19); South Atlantic—Maryland, 4 (100-249); Virginia, 3 (500-999); North Carolina, 3 (100-249); South Carolina, 1 (20-99); Georgia, 7 (500-999); Florida, 8 (100-249); East South Central—Kentucky, 2 (100-249); Tennessee, 8 (2,500-4,999); Alabama, 2 (250-499); Mississippi, 4 (1,000-2,499); West South Central—Arkansas, 2 (250-499); Texas, 6 (500-999); Mountain—Colorado, 1 (20-99); Arizona, 1 (1-19); Utah, 2 (100-249); Pacific—Washington, 9 (500-999); Alaska, 1 (1-19); Hawaii, 4 (100-249).
- SIC 2329-22, Men's and Boys' Clothing, N.E.C.—Jobbers: New England—Massachusetts, 4 (1-19); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 5 (20-99); Pennsylvania, 4 (100-249); East North Central—Illinois, 3 (250-499); West North Central—Minnesota, 1 (20-99); Missouri, 3 (100-249); South Atlantic—Maryland, 2 (1-19); Georgia, 1 (1-19); Florida, 2 (1-19); East South Central—Kentucky, 1 (1-19); Pacific—Washington, 1 (20-99); California, 2 (1-19).
- SIC 2329-33, Men's and Boys' Clothing, N.E.C.—Independent Contractors: New England—Maine, 1 (20-99); Rhode Island, 1 (20-99); Connecticut, 2 (100-249); Middle Atlantic—New York, 36 (1,000-2,499); New Jersey, 16 (500-999); Pennsylvania, 31 (2,500-4,999); East North Central—Michigan, 1 (20-99); Wisconsin, 1 (20-99); South Atlantic—Virginia, 3 (250-499); West Virginia, 2 (100-249); North Carolina, 2 (100-249); South Carolina, 3 (100-249); Georgia, 8 (500-999); East South Central—Kentucky, 1 (100-249); Tennessee, 5 (500-999); Alabama, 2 (100-249); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (20-99); Pacific—California, 4 (100-249).
- SIC 2329-44, Men's and Boys' Clothing, N.E.C.—Multiplant Company Contractors: New England—Maine, 1 (100-249); Middle Atlantic—New York, 1 (1-19); New Jersey, 1 (250-499); Pennsylvania, 1 (20-99); East North Central—Ohio, 1 (1-19); Illinois, 3 (100-249); Wisconsin, 2 (100-249); West North Central—Minnesota, 1 (20-99); Iowa, 1 (100-249); Missouri, 2 (100-249); Nebraska, 2 (100-249); South Atlantic—Georgia, 4 (500-999); East South Central—Kentucky, 3 (250-499); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (20-99); Texas, 1 (20-99).

²See text regarding comparability of 1963 and 1958 data.³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.⁴Data for manufacturers and jobbers are combined to prevent disclosure of figures for individual companies.

TABLE 3. Detailed Statistics: 1963

Item	Men's and boys' suits and coats (SIC 2311)				
	Total	Manufacturers (SIC 2311-11)	Jobbers (SIC 2311-22)	Independent contractors (SIC 2311-33)	Multiplant company contractors (SIC 2311-44)
Primary product specialization ratio ¹.....	.92	(NA)	(NA)	(NA)	(NA)
Coverage ratio ².....	.96	(NA)	(NA)	(NA)	(NA)
Establishments, total.....number..	1,112	444	236	353	79
With 1 to 19 employees.....do....	477	209	160	107	1
With 20 to 99 employees.....do....	348	114	56	163	15
With 100 employees or more.....do....	287	121	20	83	63
Proprietors and working partners.....do....	451	(NA)	(NA)	(NA)	(NA)
All employees (average for the year).....do....	122,679	61,864	11,246	25,647	23,922
Payroll (all employees), total for year.....\$1,000..	494,240	255,305	63,345	89,892	85,698
Production workers:					
Average for the year.....number..	109,045	54,392	7,283	24,399	22,971
March.....do....	109,137	54,672	7,329	24,097	23,039
May.....do....	109,588	54,816	7,269	24,172	23,331
August.....do....	110,247	54,617	7,272	25,106	23,252
November.....do....	107,208	53,463	7,262	24,221	22,262
Man-hours.....1,000..	198,628	99,393	14,008	43,710	41,517
January-March.....do....	50,725	25,350	3,597	11,076	10,702
April-June.....do....	51,001	25,593	3,693	10,915	10,800
July-September.....do....	46,892	23,350	3,122	10,725	9,695
October-December.....do....	50,010	25,100	3,596	10,994	10,320
Wages.....\$1,000..	398,071	202,173	33,422	82,482	79,994
Cost of materials, etc., total.....do....	715,105	317,014	374,161	14,121	9,809
Materials, parts, containers, and supplies consumed.....do....	482,261	278,742	186,076	10,900	6,543
Cost of resales.....do....	15,915	11,767	4,015	116	17
Fuels consumed.....do....	2,158	1,134	207	397	420
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	200	94	26	36	44
Cost.....\$1,000..	3,454	1,766	448	656	584
Generated less sold.....million kw.-hrs..	(D)	(D)	(D)	(D)	-
Contract work.....\$1,000..	211,317	23,605	183,415	2,052	2,245
Value of shipments (including resales), total.....do....	1,526,019	772,997	513,591	128,935	110,496
Value of resales.....do....	26,837	21,022	5,674	121	20
Value added by manufacture, adjusted.....do....	831,910	474,389	141,900	114,407	101,214
Manufacturers' inventories:					
Beginning of year, total.....do....	268,669	162,798	90,332	6,229	9,310
Finished products.....do....	115,947	75,418	39,291	883	355
Work-in-process.....do....	60,414	32,062	21,574	2,228	4,550
Materials, supplies, fuel, etc.....do....	92,308	55,318	29,467	3,118	4,405
End of year, total.....do....	288,671	182,675	90,719	4,923	10,354
Finished products.....do....	136,443	92,404	43,013	827	199
Work-in-process.....do....	60,515	33,083	20,322	1,877	5,233
Materials, supplies, fuel, etc.....do....	91,713	57,188	27,384	2,219	4,922
Expenditures for plant and equipment, total.....do....	7,851	3,710	1,015	1,372	1,754
New, total.....do....	6,856	3,581	973	1,281	1,021
New structures and additions to plant.....do....	1,322	546	286	293	197
New machinery and equipment.....do....	5,534	3,035	687	988	824
Used plant and equipment.....do....	995	129	42	91	733
Selected operating ratios:					
Payroll/Total employment.....	4,029	4,127	5,633	3,505	3,582
Production workers/Total employment.....	.89	.88	.65	.95	.96
Man-hours/Production workers.....	1,822	1,827	1,923	1,791	1,807
Production worker wages/Man-hours.....	2.00	2.03	2.39	1.89	1.93
Cost of materials and payrolls/Total value of shipments....	.79	.74	.85	.81	.86
Cost of materials/Total value of shipments.....	.47	.41	.73	.11	.09
Adjusted value added/Total employment.....	6,781	7,668	12,618	4,461	4,231
Salaries and wages/Adjusted value added.....	.59	.54	.45	.79	.85

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Men's dress shirts and nightwear (SIC 2321)				Men's and boys' underwear (SIC 2322)		
	Total	Manufacturers (SIC 2321-11)	Jobbers (SIC 2321-22)	Contractors (SIC 2321-33)	Total	Manufacturers and jobbers ³ (SIC 2322-11 and 2322-22)	Contractors (SIC 2322-33)
Primary product specialization ratio ¹.....	.85	(NA)	(NA)	(NA)	.89	(NA)	(NA)
Coverage ratio ².....	.81	(NA)	(NA)	(NA)	.31	(NA)	(NA)
Establishments, total.....number..	832	392	134	306	80	61	19
With 1 to 19 employees.....do....	268	137	104	27	17	14	3
With 20 to 99 employees.....do....	224	104	26	94	23	13	10
With 100 employees or more.....do....	340	151	4	185	40	34	6
Proprietors and working partners.....do....	214	(NA)	(NA)	(NA)	13	(NA)	(NA)
All employees (average for the year).....do....	112,926	55,131	2,731	55,064	12,084	10,175	1,909
Payroll (all employees), total for year.....\$1,000..	316,331	161,223	20,479	144,629	32,566	27,720	4,846
Production workers:							
Average for the year.....number..	104,022	50,959	282	52,781	11,305	9,530	1,775
March.....do....	101,930	50,077	347	51,506	10,938	9,184	1,754
May.....do....	105,609	52,438	261	52,910	11,295	9,520	1,775
August.....do....	105,000	51,294	265	53,441	11,449	9,634	1,815
November.....do....	103,548	50,027	253	53,268	11,547	9,781	1,766
Man-hours.....1,000..	191,629	92,896	635	98,098	20,828	17,588	3,238
January-March.....do....	46,871	22,940	166	23,765	5,111	4,303	808
April-June.....do....	49,328	23,955	148	25,225	5,244	4,419	825
July-September.....do....	47,402	22,759	145	24,498	5,143	4,342	801
October-December.....do....	48,028	23,242	176	24,610	5,328	4,524	804
Wages.....\$1,000..	273,764	139,176	1,098	133,510	28,130	23,918	4,212
Cost of materials, etc., total.....do....	712,859	402,301	291,171	19,387	74,905	74,016	889
Materials, parts, containers, and supplies consumed.....do....	510,513	334,310	159,300	16,903	69,756	68,940	816
Cost of resales.....do....	24,603	23,712	634	257	2,961	2,961	-
Fuels consumed.....do....	1,262	626	13	623	151	123	28
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	145	80	7	58	16	(D)	(D)
Cost.....\$1,000..	2,634	1,404	96	1,134	344	299	45
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-	-	-	-
Contract work.....\$1,000..	173,847	42,249	131,128	470	1,693	1,693	-
Value of shipments (including resales), total.....do....	1,295,079	744,325	352,199	198,555	134,949	127,468	7,481
Value of resales.....do....	31,959	30,101	1,570	288	3,095	3,095	-
Value added by manufacture, adjusted.....do....	599,423	354,882	66,105	178,436	63,186	56,532	6,654
Manufacturers' inventories:							
Beginning of year, total.....do....	189,440	123,263	55,781	10,396	18,111	17,458	653
Finished products.....do....	89,554	59,826	28,553	1,175	10,512	10,398	114
Work-in-process.....do....	36,353	24,428	7,636	4,289	2,717	2,290	427
Materials, supplies, fuel, etc.....do....	63,533	39,009	19,592	4,932	4,882	4,770	112
End of year, total.....do....	211,043	139,241	62,219	9,583	22,496	21,788	708
Finished products.....do....	108,389	73,961	33,714	714	12,883	12,748	135
Work-in-process.....do....	34,721	23,151	7,552	4,018	3,488	3,020	468
Materials, supplies, fuel, etc.....do....	67,935	42,131	20,953	4,851	6,125	6,020	105
Expenditures for plant and equipment, total.....do....	9,237	4,789	584	3,864	1,114	1,048	66
New, total.....do....	8,770	4,656	476	3,638	1,087	1,021	66
New structures and additions to plant.....do....	1,947	924	84	939	251	(D)	(D)
New machinery and equipment.....do....	6,823	3,732	392	2,699	836	(D)	(D)
Used plant and equipment.....do....	467	133	108	226	27	27	-
Selected operating ratios:							
Payroll/Total employment.....	2,801	2,924	7,499	2,627	2,695	2,724	2,539
Production workers/Total employment.....	.92	.92	.10	.96	.94	.94	.93
Man-hours/Production workers.....	1,842	1,823	2,252	1,905	1,842	1,846	1,824
Production worker wages/Man-hours.....	1.43	1.50	1.73	1.36	1.35	1.36	1.30
Cost of materials and payrolls/Total value of shipments....	.79	.76	.88	.83	.80	.80	.77
Cost of materials/Total value of shipments.....	.55	.54	.83	.10	.56	.58	.12
Adjusted value added/Total employment.....	5,308	6,437	24,205	3,241	5,229	5,556	3,486
Salaries and wages/Adjusted value added.....	.53	.45	.31	.81	.52	.49	.73

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Men's and boys' neckwear (SIC 2323)				Separate trousers (SIC 2327)				
	Total	Manufacturers (SIC 2323-11)	Jobbers (SIC 2323-22)	Contractors (SIC 2323-33)	Total	Manufacturers (SIC 2327-11)	Jobbers (SIC 2327-22)	Independent contractors (SIC 2327-33)	Multiplant company contractors (SIC 2327-44)
Primary product specialization ratio ¹.....	.98	(NA)	(NA)	(NA)	.83	(NA)	(NA)	(NA)	(NA)
Coverage ratio ².....	.98	(NA)	(NA)	(NA)	.78	(NA)	(NA)	(NA)	(NA)
Establishments, total.....number..	341	292	21	28	735	294	144	226	71
With 1 to 19 employees.....do....	224	192	16	16	312	134	110	67	1
With 20 to 99 employees.....do....	102	89	4	9	189	72	27	77	13
With 100 employees or more.....do....	15	11	1	3	234	88	7	82	57
Proprietors and working partners.....do....	225	(NA)	(NA)	(NA)	294	(NA)	(NA)	(NA)	(NA)
All employees (average for the year).....do....	8,385	6,873	452	1,060	73,848	33,662	3,446	21,966	14,774
Payroll (all employees), total for year.....\$1,000..	30,875	26,001	1,983	2,891	224,371	101,296	18,142	63,065	41,868
Production workers:									
Average for the year.....number..	6,872	5,572	298	1,002	67,938	30,760	2,055	20,957	14,166
March.....do....	6,780	5,474	302	1,004	67,005	30,266	2,057	20,428	14,254
May.....do....	6,395	5,257	292	846	68,222	31,039	2,071	20,938	14,174
August.....do....	6,979	5,610	304	1,065	69,091	31,310	2,119	21,485	14,177
November.....do....	7,332	5,945	295	1,092	67,434	30,425	1,973	20,977	14,059
Man-hours.....1,000..	11,959	9,768	513	1,678	126,369	57,496	4,056	38,925	25,892
January-March.....do....	2,970	2,415	127	428	31,244	13,962	1,055	9,827	6,400
April-June.....do....	2,826	2,330	124	372	33,077	15,129	946	10,073	6,929
July-September.....do....	2,951	2,395	133	423	31,795	14,772	1,071	9,615	6,337
October-December.....do....	3,212	2,628	129	455	30,253	13,633	984	9,410	6,226
Wages.....\$1,000..	20,632	16,918	1,136	2,578	186,406	82,537	7,009	57,770	39,090
Cost of materials, etc., total.....do....	62,745	53,470	8,533	742	450,018	219,205	208,727	14,696	7,390
Materials, parts, containers, and supplies consumed.....do....	51,969	45,374	5,938	657	325,870	190,015	115,990	13,472	6,393
Cost of resales.....do....	6,806	6,366	440	-	5,762	4,055	1,601	106	-
Fuels consumed.....do....	58	45	6	7	945	448	46	285	166
Electric energy:									
Purchased:									
Quantity.....million kw.-hrs..	13	11	(4)	(D)	106	57	5	27	17
Cost.....\$1,000..	254	205	13	36	1,960	955	94	565	346
Generated less sold.....million kw.-hrs..	-	-	-	-	(D)	(D)	-	-	-
Contract work.....\$1,000..	3,658	1,480	2,136	42	115,481	23,732	90,996	268	485
Value of shipments (including resales), total.....do....	121,313	102,927	13,889	4,497	824,224	404,888	258,733	94,667	65,936
Value of resales.....do....	10,272	9,053	1,219	-	8,437	6,373	1,726	338	-
Value added by manufacture, adjusted.....do....	58,136	48,912	5,470	3,754	383,134	191,898	52,889	79,811	58,536
Manufacturers' inventories:									
Beginning of year, total.....do....	14,401	12,895	1,376	130	126,584	70,544	48,527	3,659	3,854
Finished products.....do....	6,829	6,088	712	29	69,522	37,027	31,117	918	460
Work-in-process.....do....	1,779	1,577	184	18	15,065	7,938	4,936	953	1,238
Materials, supplies, fuel, etc.....do....	5,793	5,230	480	83	41,997	25,579	12,474	1,788	2,156
End of year, total.....do....	13,656	11,962	1,596	98	135,074	75,797	52,073	3,663	3,541
Finished products.....do....	6,468	5,620	815	33	78,453	42,933	34,504	848	168
Work-in-process.....do....	1,708	1,500	195	13	15,040	8,225	4,432	863	1,520
Materials, supplies, fuel, etc.....do....	5,480	4,842	586	52	41,581	24,639	13,137	1,952	1,853
Expenditures for plant and equipment, total.....do....	510	443	16	51	6,402	3,854	346	1,455	747
New, total.....do....	504	437	16	51	6,215	3,773	(D)	1,367	(D)
New structures and additions to plant.....do....	159	141	5	13	1,598	1,311	(D)	142	(D)
New machinery and equipment.....do....	345	296	11	38	4,617	2,462	309	1,225	621
Used plant and equipment.....do....	6	6	-	-	187	81	(D)	88	(D)
Selected operating ratios:									
Payroll/Total employment.....	3,682	3,783	4,387	2,727	3,038	3,009	5,265	2,871	2,834
Production workers/Total employment.....	.82	.81	.66	.95	.92	.91	.60	.95	.96
Man-hours/Production workers.....	1,740	1,753	1,721	1,675	1,860	1,869	1,974	1,857	1,828
Production worker wages/Man-hours.....	1.73	1.73	2.21	1.54	1.48	1.44	1.73	1.48	1.51
Cost of materials and payrolls/Total value of shipments....	.77	.77	.76	.81	.82	.79	.88	.82	.75
Cost of materials/Total value of shipments.....	.52	.52	.61	.16	.55	.54	.81	.16	.11
Adjusted value added/Total employment.....	6,933	7,117	12,102	3,542	5,188	5,701	15,348	3,633	3,962
Salaries and wages/Adjusted value added.....	.53	.53	.36	.77	.59	.53	.34	.79	.72

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Work clothing (SIC 2328)					Men's and boys' clothing, n.e.c. (SIC 2329)				
	Total	Manufacturers (SIC 2328-11)	Jobbers (SIC 2328-22)	Independent contractors (SIC 2328-33)	Multiplant company contractors (SIC 2328-44)	Total	Manufacturers (SIC 2329-11)	Jobbers (SIC 2329-22)	Independent contractors (SIC 2329-33)	Multiplant company contractors (SIC 2329-44)
Primary product specialization ratio ¹.....	.81	(NA)	(NA)	(NA)	(NA)	.83	(NA)	(NA)	(NA)	(NA)
Coverage ratio ².....	.90	(NA)	(NA)	(NA)	(NA)	.47	(NA)	(NA)	(NA)	(NA)
Establishments, total.....number..	439	266	36	50	87	554	317	66	144	27
With 1 to 19 employees.....do....	86	67	10	8	1	189	119	51	16	3
With 20 to 99 employees.....do....	142	84	10	20	28	252	132	12	95	13
With 100 employees or more.....do....	211	115	16	22	58	113	66	3	33	11
Proprietors and working partners.....do....	130	(NA)	(NA)	(NA)	(NA)	194	(NA)	(NA)	(NA)	(NA)
All employees (average for the year).....do....	62,477	37,720	4,688	5,089	14,980	35,917	21,412	1,327	10,192	2,986
Payroll (all employees), total for year.....\$1,000..	179,612	109,318	17,591	13,653	39,050	115,722	70,016	7,198	30,330	8,178
Production workers:										
Average for the year.....number..	57,580	34,816	3,435	4,831	14,498	32,293	19,154	836	9,476	2,827
March.....do....	56,111	33,671	3,454	4,777	14,209	31,233	18,609	851	9,016	2,757
May.....do....	57,316	34,578	3,391	4,787	14,560	32,311	19,088	862	9,524	2,837
August.....do....	58,401	35,457	3,469	4,893	14,582	33,166	19,283	816	10,106	2,961
November.....do....	58,492	35,558	3,426	4,867	14,641	32,462	19,636	815	9,258	2,753
Man-hours.....1,000..	105,308	63,640	6,587	8,542	26,539	57,102	34,119	1,649	16,332	5,002
January-March.....do....	25,436	15,256	1,625	2,166	6,389	13,524	7,950	427	3,953	1,194
April-June.....do....	26,935	16,222	1,666	2,200	6,847	14,540	8,631	425	4,154	1,330
July-September.....do....	26,518	16,117	1,691	2,031	6,679	14,576	8,651	400	4,267	1,258
October-December.....do....	26,419	16,045	1,605	2,145	6,624	14,462	8,887	397	3,958	1,220
Wages.....\$1,000..	149,811	90,923	10,101	12,299	36,488	92,813	54,978	3,126	27,226	7,483
Cost of materials, etc., total.....do....	500,719	278,630	213,431	1,629	7,029	217,158	145,949	67,907	2,605	697
Materials, parts, containers, and supplies consumed.....do....	397,077	258,121	130,873	1,487	6,596	178,433	134,939	40,768	2,133	593
Cost of resales.....do....	23,352	12,355	10,994	(D)	(D)	3,165	2,818	344	-	3
Fuels consumed.....do....	646	412	102	34	98	459	301	18	112	28
Electric energy:										
Purchased:										
Quantity.....million kw.-hrs..	76	48	9	4	15	47	28	3	13	3
Cost.....\$1,000..	1,437	839	168	101	329	961	582	66	251	62
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-	-	-	-	-	-	-
Contract work.....\$1,000..	78,207	6,903	71,294	5	5	34,140	7,309	26,711	109	11
Value of shipments (including resales), total.....do....	824,710	474,228	271,781	18,515	60,186	397,551	256,485	86,240	41,438	13,388
Value of resales.....do....	24,886	13,274	11,595	(D)	(D)	4,359	3,871	484	-	4
Value added by manufacture, adjusted.....do....	330,653	196,414	65,066	16,730	52,443	183,224	113,454	18,264	38,746	12,760
Manufacturers' inventories:										
Beginning of year, total.....do....	127,157	82,542	38,794	924	4,897	53,806	41,576	10,917	975	338
Finished products.....do....	79,203	51,678	26,162	242	1,121	27,151	20,397	6,503	189	62
Work-in-process.....do....	12,355	7,534	3,113	328	1,380	7,499	5,748	1,100	505	146
Materials, supplies, fuel, etc.....do....	35,599	23,330	9,519	354	2,396	19,156	15,431	3,314	281	130
End of year, total.....do....	137,039	85,160	47,720	744	3,415	56,893	44,321	11,294	890	388
Finished products.....do....	83,971	51,450	31,826	188	507	29,881	23,186	6,406	184	105
Work-in-process.....do....	14,249	8,578	4,165	226	1,280	7,600	5,877	1,128	423	172
Materials, supplies, fuel, etc.....do....	38,819	25,132	11,729	330	1,628	19,412	15,258	3,760	283	111
Expenditures for plant and equipment, total.....do....	6,290	4,109	1,306	168	707	3,118	1,796	258	767	297
New, total.....do....	5,839	3,721	1,293	158	667	2,827	1,645	246	682	254
New structures and additions to plant.....do....	1,629	778	718	47	86	421	276	52	76	17
New machinery and equipment.....do....	4,210	2,943	575	111	581	2,406	1,369	194	606	237
Used plant and equipment.....do....	451	388	13	10	40	291	151	12	85	43
Selected operating ratios:										
Payroll/Total employment.....	2,875	2,898	3,752	2,683	2,607	3,222	3,270	5,424	2,976	2,739
Production workers/Total employment.....	.92	.92	.73	.95	.97	.90	.89	.63	.93	.95
Man-hours/Production workers.....	1,829	1,828	1,918	1,768	1,831	1,768	1,781	1,972	1,724	1,769
Production worker wages/Man-hours.....	1.42	1.43	1.53	1.44	1.37	1.63	1.61	1.90	1.67	1.50
Cost of materials and payrolls/Total value of shipments....	.82	.82	.85	.83	.77	.84	.84	.87	.79	.66
Cost of materials/Total value of shipments.....	.61	.59	.79	.09	.12	.55	.57	.79	.06	.05
Adjusted value added/Total employment.....	5,292	5,207	13,879	3,287	3,501	5,101	5,299	13,763	3,802	4,273
Salaries and wages/Adjusted value added.....	.54	.56	.27	.82	.74	.63	.62	.39	.78	.64

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Data for jobbers are combined with manufacturers to prevent disclosure of figures for individual companies.

⁴Less than 500 thousand kw.-hrs.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2311.—MEN'S AND BOYS' SUITS AND COATS											
Establishments.....number..	1,112	203	123	151	172	176	163	73	32	18	1
All employees:											
Total.....do....	122,679	382	833	2,154	5,660	12,561	24,726	25,152	20,691	30,520	(D)
Payroll.....\$1,000..	494,240	1,977	4,186	10,706	23,443	49,731	94,988	97,398	80,727	131,084	(D)
Value added, adjusted.....do....	831,910	6,287	13,842	23,152	42,136	81,096	147,039	153,349	122,530	242,479	(D)
Value of shipments.....do....	1,526,019	16,577	40,235	72,978	111,444	163,907	244,931	260,900	232,518	382,529	(D)
Capital expenditures, new...do....	6,856	45	91	170	360	727	1,259	1,251	1,256	1,697	(D)
Subindustry 2311-11.—Men's and Boys' Suits and Coats—MANUFACTURERS											
Establishments.....number..	444	105	46	58	55	59	55	34	17	14	1
All employees:											
Total.....do....	61,864	187	319	838	1,800	4,122	8,265	11,596	10,875	23,862	(D)
Payroll.....\$1,000..	255,305	929	1,255	3,350	7,384	16,355	32,926	47,423	43,102	102,581	(D)
Value added, adjusted.....do....	474,389	3,020	3,995	7,742	11,454	25,681	62,130	82,637	74,241	203,489	(D)
Value of shipments.....do....	772,997	5,530	7,136	15,182	23,383	49,206	99,181	131,646	122,112	319,621	(D)
Capital expenditures, new...do....	3,581	28	53	94	131	264	559	459	705	1,288	(D)
Subindustry 2311-22.—Men's and Boys' Suits and Coats—JOBBERs											
Establishments.....number..	236	61	48	51	38	18	11	5	3	1	-
All employees:											
Total.....do....	11,246	128	315	717	1,130	1,323	1,632	1,880	4,121	(D)	-
Payroll.....\$1,000..	63,345	681	2,085	5,248	7,382	8,428	8,669	8,906	21,946	(D)	-
Value added, adjusted.....do....	141,900	2,653	8,620	12,459	18,600	22,810	20,834	21,509	34,415	(D)	-
Value of shipments.....do....	513,591	10,085	31,537	54,416	74,845	80,053	75,968	73,616	113,071	(D)	-
Capital expenditures, new...do....	973	10	29	51	130	116	196	114	327	(D)	-
Subindustry 2311-33.—Men's and Boys' Suits and Coats—INDEPENDENT CONTRACTORS											
Establishments.....number..	353	37	29	41	75	88	72	8	2	1	-
All employees:											
Total.....do....	25,647	67	199	3,188	(D)	6,297	11,008	2,581	2,307	(D)	-
Payroll.....\$1,000..	89,892	367	846	10,373	(D)	22,313	38,845	9,360	7,788	(D)	-
Value added, adjusted.....do....	114,407	614	1,227	14,548	(D)	29,220	47,060	12,355	9,385	(D)	-
Value of shipments.....do....	128,935	962	1,562	16,094	(D)	31,083	51,565	16,191	11,478	(D)	-
Capital expenditures, new...do....	1,281	7	9	120	(D)	305	422	149	269	(D)	-
Subindustry 2311-44.—Men's and Boys' Suits and Coats—MULTIPLANT COMPANY CONTRACTORS											
Establishments.....number..	79	-	-	1	4	11	25	26	10	2	-
All employees:											
Total.....do....	23,922	-	-	141	(D)	819	3,821	9,095	10,046	(D)	-
Payroll.....\$1,000..	85,698	-	-	412	(D)	2,635	14,548	31,709	36,394	(D)	-
Value added, adjusted.....do....	101,214	-	-	485	(D)	3,385	17,015	36,848	43,481	(D)	-
Value of shipments.....do....	110,496	-	-	502	(D)	3,565	18,217	39,447	48,765	(D)	-
Capital expenditures, new...do....	1,021	-	-	4	(D)	42	82	529	364	(D)	-
INDUSTRY 2321.—MEN'S DRESS SHIRTS AND NIGHTWEAR											
Establishments.....number..	832	128	73	67	120	104	188	111	37	4	-
All employees:											
Total.....do....	112,926	259	485	963	3,920	7,502	30,878	37,803	31,129	(D)	-
Payroll.....\$1,000..	316,331	1,530	3,038	4,153	14,065	23,855	84,905	103,332	91,447	(D)	-
Value added, adjusted.....do....	599,423	4,173	8,803	12,039	31,406	36,748	125,751	179,361	201,142	(D)	-
Value of shipments.....do....	1,295,079	29,760	45,281	58,015	102,039	80,175	221,360	348,403	410,046	(D)	-
Capital expenditures, new...do....	8,770	1132	122	85	516	626	1,864	3,132	2,293	(D)	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2321-11.—Men's Dress Shirts and Nightwear—MANUFACTURERS											
Establishments.....number..	392	74	33	30	56	48	76	51	21	3	
All employees:											
Total.....do.....	55,131	137	218	438	1,770	3,440	12,546	17,517	19,078	(D)	
Payroll.....\$1,000..	161,223	616	822	1,524	5,149	10,479	35,546	48,606	58,425	(D)	
Value added, adjusted.....do....	354,882	1,189	1,477	2,893	7,392	16,331	61,819	102,317	171,464	(D)	
Value of shipments.....do....	744,325	2,400	2,731	6,773	15,329	34,983	126,652	209,208	346,249	(D)	
Capital expenditures, new...do....	4,656	4	23	38	166	414	718	1,440	1,853	(D)	
Subindustry 2321-22.—Men's Dress Shirts and Nightwear—JOBBERS											
Establishments.....number..	134	48	38	18	21	5	2	1	1	-	
All employees:											
Total.....do.....	2,731	365	(D)	251	609	319	1,187	(D)	(D)	-	
Payroll.....\$1,000..	20,479	3,038	(D)	1,757	4,466	2,966	8,252	(D)	(D)	-	
Value added, adjusted.....do....	66,105	10,175	(D)	7,984	17,982	7,572	22,392	(D)	(D)	-	
Value of shipments.....do....	352,199	69,757	(D)	49,786	79,982	31,244	121,430	(D)	(D)	-	
Capital expenditures, new...do....	476	148	(D)	36	136	156	(D)	(D)	(D)	-	
Subindustry 2321-33.—Men's Dress Shirts and Nightwear—CONTRACTORS											
Establishments.....number..	306	6	2	19	43	51	110	59	15	1	
All employees:											
Total.....do.....	55,064	24	(D)	274	1,541	3,743	49,482	(D)	(D)	(D)	
Payroll.....\$1,000..	144,629	92	(D)	872	4,450	10,410	128,805	(D)	(D)	(D)	
Value added, adjusted.....do....	178,436	135	(D)	1,162	6,032	12,845	158,262	(D)	(D)	(D)	
Value of shipments.....do....	198,555	153	(D)	1,456	6,728	13,948	176,270	(D)	(D)	(D)	
Capital expenditures, new...do....	3,638	179	(D)	11	214	3,336	(D)	(D)	(D)	(D)	
INDUSTRY 2322.—MEN'S AND BOYS' UNDERWEAR											
Establishments.....number..	80	7	4	6	11	12	23	15	2	-	
All employees:											
Total.....do.....	12,084	14	28	89	359	931	3,679	6,984	(D)	-	
Payroll.....\$1,000..	32,566	59	111	293	1,094	2,411	10,083	18,515	(D)	-	
Value added, adjusted.....do....	63,186	115	196	274	2,237	3,869	21,474	35,021	(D)	-	
Value of shipments.....do....	134,949	242	496	713	3,764	7,428	46,945	75,361	(D)	-	
Capital expenditures, new...do....	1,087	9	(D)	(D)	35	60	516	467	(D)	-	
Subindustries 2322-11 and -22.—Men's and Boys' Underwear—MANUFACTURERS—JOBBERS ²											
Establishments.....number..	61	7	4	3	6	7	19	13	2	-	
All employees:											
Total.....do.....	10,175	14	28	53	191	558	9,331	(D)	(D)	-	
Payroll.....\$1,000..	27,720	59	111	190	677	1,404	25,279	(D)	(D)	-	
Value added, adjusted.....do....	56,532	115	196	162	1,097	2,604	52,358	(D)	(D)	-	
Value of shipments.....do....	127,468	242	496	591	2,476	6,135	117,528	(D)	(D)	-	
Capital expenditures, new...do....	1,021	35	(D)	(D)	(D)	33	953	(D)	(D)	-	
Subindustries 2322-33.—Men's and Boys' Underwear—CONTRACTORS											
Establishments.....number..	19	-	-	3	5	5	4	2	-	-	
All employees:											
Total.....do.....	1,909	-	-	36	168	373	1,332	(D)	-	-	
Payroll.....\$1,000..	4,846	-	-	103	417	1,007	3,319	(D)	-	-	
Value added, adjusted.....do....	6,654	-	-	112	1,140	1,265	4,137	(D)	-	-	
Value of shipments.....do....	7,481	-	-	122	1,288	1,293	4,778	(D)	-	-	
Capital expenditures, new...do....	66	-	-	9	(D)	27	30	(D)	-	-	

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2323.—MEN'S AND BOYS' NECKWEAR											
Establishments.....number..	341	109	58	57	71	31	12	3	-	-	-
All employees:											
Total.....do....	8,385	198	393	817	2,098	2,065	<u>2,814</u>	(D)	-	-	-
Payroll.....\$1,000..	30,875	575	1,383	2,861	8,009	7,798	<u>10,249</u>	(D)	-	-	-
Value added, adjusted.....do....	58,136	1,446	2,805	5,509	14,290	14,162	<u>19,929</u>	(D)	-	-	-
Value of shipments.....do....	121,313	3,573	6,233	11,720	29,787	28,560	<u>41,440</u>	(D)	-	-	-
Capital expenditures, new...do....	504	8	26	46	99	87	<u>238</u>	(D)	-	-	-
Subindustry 2323-11.—Men's and Boys' Neckwear—MANUFACTURERS											
Establishments.....number..	292	95	48	49	61	28	10	1	-	-	-
All employees:											
Total.....do....	6,873	174	322	714	<u>3,676</u>	(D)	<u>1,987</u>	(D)	-	-	-
Payroll.....\$1,000..	26,001	483	1,063	2,471	<u>14,171</u>	(D)	<u>7,813</u>	(D)	-	-	-
Value added, adjusted.....do....	48,912	1,024	1,977	4,643	<u>25,293</u>	(D)	<u>15,975</u>	(D)	-	-	-
Value of shipments.....do....	102,927	2,323	4,300	9,459	<u>51,945</u>	(D)	<u>34,900</u>	(D)	-	-	-
Capital expenditures, new...do....	437	8	<u>67</u>	(D)	<u>173</u>	(D)	<u>189</u>	(D)	-	-	-
Subindustry 2323-22.—Men's and Boys' Neckwear—JOBBERs											
Establishments.....number..	21	9	4	3	4	-	-	1	-	-	-
All employees:											
Total.....do....	452	16	27	44	365	-	-	(D)	-	-	-
Payroll.....\$1,000..	1,983	72	135	197	<u>1,579</u>	-	-	(D)	-	-	-
Value added, adjusted.....do....	5,470	382	597	595	<u>3,896</u>	-	-	(D)	-	-	-
Value of shipments.....do....	13,889	1,203	1,635	1,941	<u>9,110</u>	-	-	(D)	-	-	-
Capital expenditures, new...do....	16	<u>16</u>	-	(D)	(D)	-	-	(D)	-	-	-
Subindustry 2323-33.—Men's and Boys' Neckwear—CONTRACTORS											
Establishments.....number..	28	5	6	5	6	3	2	1	-	-	-
All employees:											
Total.....do....	1,060	8	44	59	<u>949</u>	(D)	(D)	(D)	-	-	-
Payroll.....\$1,000..	2,891	20	185	193	<u>2,493</u>	(D)	(D)	(D)	-	-	-
Value added, adjusted.....do....	3,754	40	231	271	<u>3,212</u>	(D)	(D)	(D)	-	-	-
Value of shipments.....do....	4,497	47	298	320	<u>3,832</u>	(D)	(D)	(D)	-	-	-
Capital expenditures, new...do....	51	<u>3</u>	(D)	(D)	<u>48</u>	(D)	(D)	(D)	-	-	-
INDUSTRY 2327.—SEPARATE TROUSERS											
Establishments.....number..	735	143	86	83	99	90	141	77	14	2	-
All employees:											
Total.....do....	73,848	278	596	1,140	3,202	6,613	23,346	26,259	<u>12,414</u>	(D)	-
Payroll.....\$1,000..	224,371	1,296	2,722	5,122	12,071	21,156	69,759	75,225	<u>37,020</u>	(D)	-
Value added, adjusted.....do....	383,134	3,053	6,764	14,752	22,921	29,668	116,791	108,994	<u>80,191</u>	(D)	-
Value of shipments.....do....	824,224	11,518	28,181	59,798	78,547	72,741	216,803	190,458	<u>166,178</u>	(D)	-
Capital expenditures, new...do....	6,215	<u>186</u>	64	125	254	337	1,689	1,541	<u>2,119</u>	(D)	-
Subindustry 2327-11.—Separate Trousers—MANUFACTURERS											
Establishments.....number..	294	73	36	25	43	29	43	31	12	2	-
All employees:											
Total.....do....	33,662	141	255	361	1,428	2,046	7,435	<u>21,996</u>	(D)	(D)	-
Payroll.....\$1,000..	101,296	545	832	1,113	5,266	5,792	23,517	<u>64,231</u>	(D)	(D)	-
Value added, adjusted.....do....	191,898	1,090	1,593	2,508	9,413	7,025	42,129	<u>128,140</u>	(D)	(D)	-
Value of shipments.....do....	404,888	2,805	3,368	5,356	24,531	14,479	86,630	<u>267,719</u>	(D)	(D)	-
Capital expenditures, new...do....	3,773	<u>178</u>	28	47	134	109	621	<u>2,756</u>	(D)	(D)	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2327-22.—Separate Trousers—JOBBERs											
Establishments.....number..	144	45	33	32	16	11	4	3	-	-	-
All employees:											
Total.....do....	3,446	86	233	419	455	784	519	950	-	-	-
Payroll.....\$1,000..	18,142	574	1,592	2,953	2,875	3,832	2,323	3,993	-	-	-
Value added, adjusted.....do....	52,889	1,671	4,722	10,798	8,643	8,505	11,342	7,208	-	-	-
Value of shipments.....do....	258,733	8,317	24,280	52,616	48,313	42,035	57,036	26,136	-	-	-
Capital expenditures, new...do....	345	38	(D)	62	73	89	42	41	-	-	-
Subindustry 2327-33.—Separate Trousers—INDEPENDENT CONTRACTORS											
Establishments.....number..	226	25	17	25	36	41	63	18	1	-	-
All employees:											
Total.....do....	21,966	51	108	1,524	(D)	3,111	10,126	7,046	(D)	-	-
Payroll.....\$1,000..	63,065	177	298	4,546	(D)	9,649	28,441	19,954	(D)	-	-
Value added, adjusted.....do....	79,811	292	449	5,647	(D)	11,876	36,521	25,026	(D)	-	-
Value of shipments.....do....	94,667	396	533	6,841	(D)	13,691	43,510	29,696	(D)	-	-
Capital expenditures, new...do....	1,367	6	(D)	180	(D)	(D)	778	403	(D)	-	-
Subindustry 2327-44.—Separate Trousers—MULTIPLANT COMPANY CONTRACTORS											
Establishments.....number..	71	-	-	1	4	9	31	25	1	-	-
All employees:											
Total.....do....	14,774	-	-	155	(D)	672	5,266	8,681	(D)	-	-
Payroll.....\$1,000..	41,868	-	-	440	(D)	1,883	15,478	24,067	(D)	-	-
Value added, adjusted.....do....	58,536	-	-	664	(D)	2,262	26,799	28,811	(D)	-	-
Value of shipments.....do....	65,936	-	-	688	(D)	2,536	29,627	33,085	(D)	-	-
Capital expenditures, new...do....	730	-	-	22	(D)	(D)	248	460	(D)	-	-
INDUSTRY 2328.—WORK CLOTHING											
Establishments.....number..	439	32	22	32	68	74	127	69	14	1	-
All employees:											
Total.....do....	62,477	66	144	446	2,198	5,549	20,060	24,240	9,774	(D)	-
Payroll.....\$1,000..	179,612	268	432	1,625	6,761	16,118	56,499	69,639	28,270	(D)	-
Value added, adjusted.....do....	330,653	396	1,406	4,306	13,306	36,126	96,742	123,928	54,443	(D)	-
Value of shipments.....do....	824,710	1,051	5,482	17,071	38,848	93,936	225,352	285,926	157,044	(D)	-
Capital expenditures, new...do....	5,839	5	11	24	319	300	1,981	2,444	755	(D)	-
Subindustry 2328-11.—Work Clothing—MANUFACTURERS											
Establishments.....number..	266	24	17	26	51	33	57	45	12	1	-
All employees:											
Total.....do....	37,720	50	112	373	1,642	2,373	8,959	24,211	(D)	(D)	-
Payroll.....\$1,000..	109,318	183	286	1,210	4,744	6,844	26,006	70,045	(D)	(D)	-
Value added, adjusted.....do....	196,411	223	534	2,725	7,563	11,813	45,324	128,232	(D)	(D)	-
Value of shipments.....do....	474,228	766	1,300	6,515	17,944	32,401	109,860	305,442	(D)	(D)	-
Capital expenditures, new...do....	3,721	4	7	19	225	200	588	2,678	(D)	(D)	-
Subindustry 2328-22.—Work Clothing—JOBBERs											
Establishments.....number..	36	3	3	4	5	5	10	5	1	-	-
All employees:											
Total.....do....	4,688	67	(D)	(D)	573	(D)	1,542	2,506	(D)	-	-
Payroll.....\$1,000..	17,591	492	(D)	(D)	3,268	(D)	5,869	7,962	(D)	-	-
Value added, adjusted.....do....	65,066	2,371	(D)	(D)	20,457	(D)	20,268	21,970	(D)	-	-
Value of shipments.....do....	271,781	14,716	(D)	(D)	72,110	(D)	79,587	105,368	(D)	-	-
Capital expenditures, new...do....	1,293	7	(D)	(D)	106	(D)	1,048	132	(D)	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2328-33.—Work Clothing—INDEPENDENT CONTRACTORS											
Establishments.....number..	50	4	2	2	9	11	19	3	-	-	-
All employees:											
Total.....do.....	5,089	329	(D)	(D)	(D)	777	2,753	1,230	-	-	-
Payroll.....\$1,000..	13,653	868	(D)	(D)	(D)	2,020	7,257	3,508	-	-	-
Value added, adjusted.....do....	16,730	1,163	(D)	(D)	(D)	2,616	9,066	3,885	-	-	-
Value of shipments.....do....	18,515	1,306	(D)	(D)	(D)	2,940	10,263	4,006	-	-	-
Capital expenditures, new...do....	158	15	(D)	(D)	(D)	17	113	13	-	-	-
Subindustry 2328-44.—Work Clothing—MULTIPLANT COMPANY CONTRACTORS											
Establishments.....number..	87	1	-	-	3	25	41	16	1	-	-
All employees:											
Total.....do.....	14,980	2,107	-	-	(D)	(D)	6,806	6,067	(D)	-	-
Payroll.....\$1,000..	39,050	5,289	-	-	(D)	(D)	17,367	16,394	(D)	-	-
Value added, adjusted.....do....	52,443	6,075	-	-	(D)	(D)	22,084	24,284	(D)	-	-
Value of shipments.....do....	60,186	6,390	-	-	(D)	(D)	25,642	28,154	(D)	-	-
Capital expenditures, new...do....	667	59	-	-	(D)	(D)	232	376	(D)	-	-
INDUSTRY 2329.—MEN'S AND BOYS' CLOTHING, N.E.C.											
Establishments.....number..	554	87	45	57	135	117	96	15	1	1	-
All employees:											
Total.....do.....	35,917	140	307	778	4,482	8,435	14,953	6,822	(D)	(D)	-
Payroll.....\$1,000..	115,722	676	1,528	3,482	15,136	26,548	47,753	20,599	(D)	(D)	-
Value added, adjusted.....do....	183,224	3,291	2,736	9,178	23,637	41,674	73,211	29,497	(D)	(D)	-
Value of shipments.....do....	397,551	9,021	15,219	30,368	56,370	81,298	134,504	70,771	(D)	(D)	-
Capital expenditures, new...do....	2,827	97	(D)	108	306	454	1,465	397	(D)	(D)	-
Subindustry 2329-11.—Men's and Boys' Clothing, N.E.C.—MANUFACTURERS											
Establishments.....number..	317	56	27	36	74	58	53	11	1	1	-
All employees:											
Total.....do.....	21,412	96	175	521	2,369	4,242	8,439	5,570	(D)	(D)	-
Payroll.....\$1,000..	70,016	374	680	1,908	7,860	14,559	27,546	17,089	(D)	(D)	-
Value added, adjusted.....do....	113,454	605	1,110	4,464	11,380	24,792	46,658	24,445	(D)	(D)	-
Value of shipments.....do....	256,485	1,436	3,138	9,750	24,637	52,408	99,563	65,553	(D)	(D)	-
Capital expenditures, new...do....	1,645	98	(D)	(D)	163	234	902	248	(D)	(D)	-
Subindustry 2329-22.—Men's and Boys' Clothing, N.E.C.—JOBBER'S											
Establishments.....number..	66	27	14	10	9	3	3	-	-	-	-
All employees:											
Total.....do.....	1,327	38	104	113	303	769	(D)	-	-	-	-
Payroll.....\$1,000..	7,198	287	773	1,096	1,615	3,427	(D)	-	-	-	-
Value added, adjusted.....do....	18,264	2,657	1,550	4,004	4,776	5,277	(D)	-	-	-	-
Value of shipments.....do....	86,240	7,553	11,995	19,849	23,860	22,983	(D)	-	-	-	-
Capital expenditures, new...do....	246	41	(D)	59	9	137	(D)	-	-	-	-
Subindustry 2329-33.—Men's and Boys' Clothing, N.E.C.—INDEPENDENT CONTRACTORS											
Establishments.....number..	144	3	4	9	49	46	32	1	-	-	-
All employees:											
Total.....do.....	10,192	154	(D)	(D)	4,867	(D)	5,171	(D)	-	-	-
Payroll.....\$1,000..	30,330	468	(D)	(D)	13,723	(D)	16,139	(D)	-	-	-
Value added, adjusted.....do....	38,746	625	(D)	(D)	17,991	(D)	20,130	(D)	-	-	-
Value of shipments.....do....	41,438	690	(D)	(D)	19,259	(D)	21,489	(D)	-	-	-
Capital expenditures, new...do....	682	7	(D)	(D)	268	(D)	407	(D)	-	-	-
Subindustry 2329-44.—Men's and Boys' Clothing, N.E.C.—MULTIPLANT COMPANY CONTRACTORS											
Establishments.....number..	27	1	-	2	3	10	8	3	-	-	-
All employees:											
Total.....do.....	2,986	24	-	(D)	(D)	(D)	2,962	(D)	-	-	-
Payroll.....\$1,000..	8,178	100	-	(D)	(D)	(D)	8,078	(D)	-	-	-
Value added, adjusted.....do....	12,760	190	-	(D)	(D)	(D)	12,570	(D)	-	-	-
Value of shipments.....do....	13,388	197	-	(D)	(D)	(D)	13,191	(D)	-	-	-
Capital expenditures, new...do....	254	254	-	(D)	(D)	(D)	254	(D)	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation which constitutes approximately \$50-\$100 thousand of the total for the size class.²Data for manufacturers and jobbers are combined to prevent disclosure of information for individual companies.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B-C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2311	Men's and boys' suits and coats..1963.. 1958..	1,526,019	1,148,397	98,261	279,361	92	1,195,415	1,148,397	47,018	96
		1,295,362	969,233	75,578	250,551	93	1,000,924	969,233	31,691	97
2321	Men's dress shirts and nightwear..1963.. 1958..	1,295,079	904,230	165,227	225,622	85	¹ 1,114,619	904,230	210,389	¹ 81
		969,902	707,160	81,000	181,742	90	¹ 864,135	707,160	156,975	¹ 82
2322	Men's and boys' underwear.....1963.. 1958..	134,949	109,966	14,158	10,825	89	¹ 350,114	109,966	¹ 240,148	¹ 31
		102,681	78,961	12,589	11,131	86	¹ 260,974	78,961	¹ 182,013	¹ 30
2323	Men's and boys' neckwear.....1963.. 1958..	121,313	103,810	2,046	15,457	98	105,575	103,810	1,765	98
		102,405	87,601	3,054	11,750	97	89,714	87,601	2,113	98
2327	Separate trousers.....1963.. 1958..	824,224	537,000	110,376	176,848	83	692,689	537,000	155,689	78
		452,414	310,456	37,162	104,796	89	436,259	310,456	125,803	71
2328	Work clothing.....1963.. 1958..	824,710	574,739	137,861	112,110	81	635,238	574,739	60,499	90
		689,819	497,283	95,622	96,914	84	526,141	497,283	28,858	95
2329	Men's and boys' clothing, n.e.c..1963.. 1958..	397,551	280,892	57,972	58,687	83	¹ 601,389	280,892	320,497	¹ 47
		365,963	247,428	69,060	49,475	78	¹ 436,983	247,428	189,555	¹ 57

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹Includes products of knitting mills (SIC Group 225) which are primary to industries 2253 and 2254. See text for more detailed discussion.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries		Men's and boys' suits and coats (SIC 2311)		Separate trousers (SIC 2327)			Men's and boys' clothing, n.e.c. (SIC 2329)			Other industries	
	MEN'S AND BOY'S SUITS AND COATS INDUSTRY												
	Total value of shipments.....	(X)		1,526,019		(X)			(X)			(X)	
2311-	Men's and boys' suits and coats....	1,195,415		1,148,397		15,820			9,777			21,421	
23111	Men's suits.....	727,140		720,709		3,216			(D)			(D)	
23112	Men's overcoats and topcoats....	121,753		109,566		480			3,820			17,887	
23113	Men's tailored dress and sport coats and jackets.....	214,561		197,022		9,219			1,621			6,699	
23114	Boys' suits, coats, and tailored jackets.....	102,624		91,829		2,905			3,421			4,469	
23110	Men's and boys' suits and coats, n.s.k.....	29,337		29,271		-			(D)			(D)	
	Secondary products.....	(X)		98,261		(X)			(X)			(X)	
23271	Men's, youths', and boys' separate dress and sport trousers.....	(X)		61,226		(X)			(X)			(X)	
23291	Men's, youths', and boys' heavy outerwear coats and jackets....	(X)		7,892		(X)			(X)			(X)	
23292	Men's, youths', and boys' outerwear, n.e.c.....	(X)		5,022		(X)			(X)			(X)	
23850	Raincoats and other waterproof outer garments.....	(X)		4,101		(X)			(X)			(X)	
	Other secondary products.....	(X)		20,020		(X)			(X)			(X)	
	Miscellaneous receipts.....	(X)		279,361		(X)			(X)			(X)	
	Contract and commission receipts..	(X)		251,623		(X)			(X)			(X)	
	Resales.....	(X)		26,837		(X)			(X)			(X)	
	Other miscellaneous receipts.....	(X)		901		(X)			(X)			(X)	
		All industries	Men's dress shirts and nightwear (SIC 2321)	Men's and boys' underwear (SIC 2322)	Separate trousers (SIC 2327)	Work clothing (SIC 2328)	Men's and boys' clothing, n.e.c. (SIC 2329)	Blouses (SIC 2331)	Women's outerwear, n.e.c. (SIC 2339)	Women's and children's underwear (SIC 2341)	Knitting mills (Group 225)	Other industries	
	MEN'S AND BOYS' SHIRTS AND NIGHTWEAR INDUSTRY												
	Total value of shipments.....	(X)	1,295,079	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
2321-	Men's dress shirts and nightwear...	² 1,114,619	904,230	(D)	(D)	(D)	3,586	11,360	(D)	(D)	(D)	10,168	
23212	Men's, youths', and boys' knit outerwear sport shirts.....	² 206,871	67,452	7,758	(D)	(D)	2,345	(D)	(D)	(D)	123,631	(D)	
23214	Men's, youths', and boys' woven dress and sport shirts.....	794,440	740,122	(D)	11,626	14,290	(D)	(D)	3,650	(D)	(D)	6,878	
23215	Men's and boys' nightwear.....	² 95,172	78,532	(D)	(D)	(D)	(D)	-	-	7,498	6,531	(D)	
23210	Men's, youths', and boys' shirts (except work shirts), collars and nightwear, n.s.k.....	18,136	18,124	-	-	-	-	-	(D)	(D)	(X)	(X)	
	Secondary products.....	(X)	165,227	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23114	Boys' suits, coats, and tailored jackets.....	(X)	1,947	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23221	Men's and boys' underwear.....	(X)	7,983	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23271	Men's, youths', and boys' separate dress and sport trousers....	(X)	25,938	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23291	Men's, youths', and boys' heavy outerwear coats and jackets....	(X)	22,813	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23292	Men's, youths', and boys' outerwear, n.e.c.....	(X)	26,469	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23317	Women's, misses', juniors' blouse waists, and shirts.....	(X)	32,564	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23393	Other women's, misses', and junior's outerwear, n.e.c.....	(X)	6,527	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23413	Women's, misses', children's and infants' nightwear.....	(X)	2,997	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23610	Children's and infants' dresses, blouses, waists, and shirts, except knit sport shirts.....	(X)	2,366	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
23612	Children's and infants' knitspor shirts.....	(X)	4,650	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
	Other secondary products.....	(X)	³ 30,973	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Men's dress shirts and nightwear (SIC 2321)	Men's and boys' underwear (SIC 2322)	Separate trousers (SIC 2327)	Work clothing (SIC 2328)	Men's and boys' clothing, n.e.c. (SIC 2329)	Blouses (SIC 2331)	Women's outerwear, n.e.c. (SIC 2339)	Women's and children's underwear (SIC 2341)	Knitting mills (Group 225)	Other industries
	MEN'S AND BOYS' SHIRTS AND NIGHTWEAR INDUSTRY—Continued											
	Miscellaneous receipts.....	(X)	225,622	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Contract and commission work.....	(X)	192,868	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	31,959	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	795	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Class of products and miscellaneous receipts	All industries	Men's and boys' underwear (SIC 2322)	Men's dress shirts and nightwear (SIC 2321)	Men's and boys' clothing, n.e.c. (SIC 2329)	Women's and children's underwear (SIC 2341)	Knitting mills (Group 225)	Other industries				
	MEN'S AND BOYS' UNDERWEAR INDUSTRY											
	Total value of shipments.....	(X)	134,949	(X)	(X)	(X)	(X)	(X)				(X)
23221	Men's and boys' underwear.....	2350,114	109,966	7,983	2,323	11,074	216,802	1,966				
	Secondary products.....	(X)	14,158	(X)	(X)	(X)	(X)	(X)				
23212	Men's, youths', and boys' knit outerwear sport shirts (made from purchased knit fabric).....	(X)	7,758	(X)	(X)	(X)	(X)	(X)				(X)
	Other secondary products.....	(X)	6,400	(X)	(X)	(X)	(X)	(X)				(X)
	Miscellaneous receipts.....	(X)	10,825	(X)	(X)	(X)	(X)	(X)				(X)
	Contract and commission receipts.....	(X)	6,683	(X)	(X)	(X)	(X)	(X)				(X)
	Resales.....	(X)	3,095	(X)	(X)	(X)	(X)	(X)				(X)
	Other miscellaneous receipts.....	(X)	1,047	(X)	(X)	(X)	(X)	(X)				(X)
	Class of products and miscellaneous receipts	All industries	Men's and boys' neckwear (SIC 2323)	Other industries								
	MEN'S AND BOYS' NECKWEAR INDUSTRY											
	Total value of shipments.....	(X)	121,313	(X)								
23230	Men's and boys' neckwear.....	105,575	103,810	1,765								
	Secondary products.....	(X)	2,046	(X)								
	Miscellaneous receipts.....	(X)	15,457	(X)								
	Contract and commission work.....	(X)	5,121	(X)								
	Other miscellaneous receipts (primarily resales).....	(X)	10,336	(X)								
	Class of products and miscellaneous receipts	All industries	Separate trousers (SIC 2327)	Men's and boys' suits and coats (SIC 2311)	Men's dress shirts and nightwear (SIC 2321)	Work clothing (SIC 2328)	Men's and boys' clothing, n.e.c. (SIC 2329)	Women's outerwear, n.e.c. (SIC 2339)	Other industries			
	SEPARATE TROUSERS INDUSTRY											
	Total value of shipments.....	(X)	824,224	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2327-	Men's, youths', and boys' separate trousers.....	692,689	537,000	61,226	25,938	52,330	6,939	4,649	4,607			
23271	Mens's, youths', and boys' separate dress and sport trousers.....	676,357	520,668	61,226	25,938	52,330	6,939	4,649	4,607			
23270	Men's, youths', and boys' separate trousers, n.s.k.	16,332	16,332	(X)	(X)	(X)	(X)	(X)	(X)			

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Separate trousers (SIC 2327)	Men's and boys' suits and coats (SIC 2311)	Men's dress shirts and nightwear (SIC 2321)	Work clothing (SIC 2328)	Men's and boys' clothing, n.e.c. (SIC 2329)	Women's outerwear, n.e.c. (SIC 2339)	Other industries
SEPARATE TROUSERS INDUSTRY—Continued									
	Secondary products.....	(X)	110,376	(X)	(X)	(X)	(X)	(X)	(X)
23111	Men's suits.....	(X)	3,216	(X)	(X)	(X)	(X)	(X)	(X)
23113	Men's tailored dress and sport coats and jackets...	(X)	9,219	(X)	(X)	(X)	(X)	(X)	(X)
23114	Boys' suits, coats, and tailored jackets.....	(X)	2,905	(X)	(X)	(X)	(X)	(X)	(X)
23214	Men's, youths', and boys' woven dress and sport shirts.....	(X)	11,626	(X)	(X)	(X)	(X)	(X)	(X)
23281	Men's, youths', and boys' work shirts.....	(X)	4,868	(X)	(X)	(X)	(X)	(X)	(X)
23282	Men's, youths', and boys' work clothing (except shirts) and washable service apparel.....	(X)	28,213	(X)	(X)	(X)	(X)	(X)	(X)
23291	Men's, youths', and boys' heavy outerwear coats and jackets.....	(X)	8,072	(X)	(X)	(X)	(X)	(X)	(X)
23393	Other women's, misses', and juniors' outerwear, n.e.c.....	(X)	12,339	(X)	(X)	(X)	(X)	(X)	(X)
23690	Girls', children's, and infants' outerwear, n.e.c....	(X)	3,589	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	26,329	(X)	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	176,848	(X)	(X)	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	168,007	(X)	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	8,437	(X)	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	404	(X)	(X)	(X)	(X)	(X)	(X)
WORK CLOTHING INDUSTRY									
	Total value of shipments.....	(X)	824,710	(X)	(X)	(X)	(X)	(X)	(X)
2328-	Work clothing.....	635,236	574,739	6,321	33,081	4,123	10,949	6,025	
23281	Men's, youths', and boys' work shirts.....	87,284	77,084	(D)	4,868	(D)	132	143	
23282	Men's, youths', and boys' work clothing (excluding shirts) and washable service apparel.....	540,347	490,048	(D)	28,213	(D)	10,817	5,882	
23280	Men's and boys' work clothing, n.e.c.....	7,607	7,607	(X)	(X)	(X)	(X)	(X)	
	Secondary products.....	(X)	137,861	(X)	(X)	(X)	(X)	(X)	
23214	Men's, youths', and boys' woven dress and sport shirts.....	(X)	14,290	(X)	(X)	(X)	(X)	(X)	
23271	Men's, youths', and boys' separate dress and sport trousers.....	(X)	52,330	(X)	(X)	(X)	(X)	(X)	
23291	Men's, youths', and boys' heavy outerwear coats and jackets.....	(X)	14,328	(X)	(X)	(X)	(X)	(X)	
23292	Men's, youths', and boys' outerwear, n.e.c.....	(X)	3,137	(X)	(X)	(X)	(X)	(X)	
23392	Women's, misses', and juniors' washable service apparel.....	(X)	8,462	(X)	(X)	(X)	(X)	(X)	
23393	Other women's, misses', and juniors' outerwear, n.e.c.....	(X)	18,515	(X)	(X)	(X)	(X)	(X)	
23690	Girls', children's, and infants' outerwear, n.e.c....	(X)	16,013	(X)	(X)	(X)	(X)	(X)	
	Other secondary products.....	(X)	10,786	(X)	(X)	(X)	(X)	(X)	
	Miscellaneous receipts.....	(X)	112,110	(X)	(X)	(X)	(X)	(X)	
	Contract and commission receipts.....	(X)	84,484	(X)	(X)	(X)	(X)	(X)	
	Resales.....	(X)	24,886	(X)	(X)	(X)	(X)	(X)	
	Other miscellaneous receipts.....	(X)	2,740	(X)	(X)	(X)	(X)	(X)	

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Men's and boys' clothing, n.e.c. (SIC 2329)	Men's and boys' suits and coats (SIC 2311)	Men's dress shirts and nightwear (SIC 2321)	Work clothing (SIC 2328)	Separate trousers (SIC 2327)	Women's outerwear, n.e.c. (SIC 2339)	Children's outerwear, n.e.c. (SIC 2369)	Knitting mills (Group 225)	Other industries
	MEN'S AND BOYS' CLOTHING, N.E.C. INDUSTRY										
	Total value of shipments.....	(X)	397,551	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Primary products.....	² 601,389	280,892	12,914	49,282	9,772	17,465	9,083	4,390	202,371	15,220
23291	Men's, youths', and boys' heavy outerwear coats and jackets.....	258,695	192,577	7,892	22,813	8,072	14,328	1,169	1,148	3,180	7,516
23292	Men's, youths', and boys' outerwear, n.e.c.....	² 333,601	79,222	5,022	26,469	1,700	3,137	7,914	3,242	199,191	7,704
23290	Men's, youths', and boys' clothing, n.e.c., n.s.k..	9,093	9,093	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Secondary products.....	(X)	57,972	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23112	Men's overcoats and top coats.....	(X)	3,820	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23113	Men's tailored dress and sport coats and jackets...	(X)	1,621	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23114	Boys' suits, coats, and tailored jackets.....	(X)	3,421	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23212	Men's, youths', and boys' knit outerwear sport shirts.....	(X)	2,345	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23221	Men's and boys' underwear.....	(X)	2,323	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23271	Men's, youths', and boys' separate dress and sport trousers.....	(X)	6,939	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2328-	Work clothing.....	-	4,123	-	-	-	-	-	-	-	-
23393	Other women's misses' and juniors' outerwear, n.e.c.....	(X)	3,158	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23630	Girls', children's and infants' coats, suits, snow suits, and coat-and legging sets.....	(X)	2,175	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23850	Raincoats and other waterproof outer garments.....	(X)	6,314	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23860	Leather and sheep-lined clothing.....	(X)	4,472	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	17,261	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	58,687	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	54,064	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	4,359	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	264	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$7 million shipped by industry 2385, Waterproof Outer Garments.

²Value of men's and boys' knit apparel made in knitting mills (products primary to industry 2253, Knit Outerwear Mills, and industry 2254, Knit Underwear Mills) is included in these values.

³Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures—22562, Circular knit fabric; 23113, Men's tailored dress and sport coats and jackets; 23281, Men's, youths', and boys' work shirts; 23289, Contract and commission work on work clothing; 23319, Contract and commission work on women's, misses', and juniors' blouses, waists and shirts; and 23860, Leather and sheep-lined clothing.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2311- --	MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS, TOTAL.....	.....	(X)	1,195,415	(X)	1,000,924
23111 --	Men's suits:					
	As reported in the census of manufactures.....	1,000 units...	21,171	727,140	19,695	629,636
	As reported on Census Annual Form MA-23A.....	...do.....	² 20,897	² 730,622	(³)	(NA)
23111 11	Men's suits, excluding ski, snow, slack, wash, and uniform:					
	As reported in the census of manufactures.....	...do.....	20,826	710,461	17,932	591,098
	As reported on Census Annual Form MA-23A.....	...do.....	20,561	² 730,622	(³)	(NA)
23111 75	Men's uniform suits:					
	As reported in the census of manufactures.....	...do.....	345	16,679	1,763	38,538
	As reported on Census Annual Form MA-23A.....	...do.....	² 336	(²)	(³)	(NA)
23112 --	Men's overcoats and topcoats:					
	As reported in the census of manufactures.....	...do.....	4,836	121,753	5,180	129,012
	As reported on Census Annual Form MA-23A.....	...do.....	(NA)	(NA)	(³)	(NA)
23112 12	Men's overcoats, topcoats, and tailored car and suburban coats, except uniform:					
	As reported in the census of manufactures.....	1,000 units...	4,393	112,544	4,870	121,397
	As reported on Census Annual Form MA-23A.....	...do.....	4,279	² 113,110	(³)	(NA)
23112 75	Men's uniform overcoats and topcoats:					
	As reported in the census of manufactures.....	...do.....	443	9,209	310	7,615
	As reported on Census Annual Form MA-23A.....	...do.....	(²)(⁴)	(²)	(³)	(NA)
23113 --	Men's tailored dress and sport coats and jackets:					
	As reported in the census of manufactures.....	1,000 units...	11,805	214,561	9,714	147,348
	As reported on Census Annual Form MA-23A.....	...do.....	(NA)	(NA)	(³)	(NA)
23113 12	Men's tailored dress and sport coats and jackets, including tailored leisure jackets, except uniform:					
	As reported in the census of manufactures.....	1,000 units...	11,119	197,797	8,470	133,094
	As reported on Census Annual Form MA-23A.....	...do.....	11,175	² 221,432	(³)	(NA)
23113 75	Men's separate tailored uniform coats and jackets:					
	As reported in the census of manufactures.....	...do.....	686	16,764	1,244	14,254
	As reported on Census Annual Form MA-23A.....	...do.....	(²)(⁴)	(²)	(³)	(NA)
23114 --	Boys' suits, coats, and tailored jackets:					
	As reported in the census of manufactures.....	1,000 units...	10,715	102,624	8,014	76,868
	As reported on Census Annual Form MA-23A.....	...do.....	10,676	94,409	(³)	(NA)
23114 11	Boys' suits (including students' and cadets') excluding wash suits and uniform:					
	As reported in the census of manufactures.....	...do.....	6,115	56,969	3,532	38,042
	As reported on Census Annual Form MA-23A.....	...do.....	6,103	(⁵)	(³)	(NA)
23114 31	Boys' topcoats, overcoats, and tailored suburban and car coats (including students' and cadets') but excluding uniform:					
	As reported in the census of manufactures.....	...do.....	1,117	10,051	1,363	16,173
	As reported on Census Annual Form MA-23A.....	...do.....	1,068	(⁵)	(³)	(NA)
23114 51	Boys' tailored dress and sport coats, including sport and leisure jackets (including students' and cadets') but excluding uniform:					
	As reported in the census of manufactures.....	...do.....	3,483	35,604	3,119	22,653
	As reported on Census Annual Form MA-23A.....	...do.....	3,505	(⁵)	(³)	(NA)
23110 00	Men's and boys' suits, coats, and overcoats, n.s.k. ⁶.....	.....	(X)	29,337	(X)	18,060
23119 11	Receipts for contract work on men's and boys' suits, tailored sport and dress coats, overcoats, and jackets done for others on their materials.....	.....	(X)	⁷ 251,623	(X)	⁷ 216,196

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total cuttings (1,000 units)	
		1963	1958
	(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL)		
	MEN'S AND BOYS SUITS, COATS, AND OVERCOATS, TOTAL ⁸	48,155	42,818
	Men's suits, excluding ski, slack, snow, and uniform, total.....	20,561	17,932
	Manufacturer's wholesale list price (based on coat and one pair of pants):		
	Priced under \$33.00 per unit.....	10,743	(⁹)
	Priced from \$33.00 to \$49.99 per unit.....	7,286	(⁹)
	Priced from \$50.00 and over per unit.....	2,532	(⁹)
	Men's regular weight suits, total.....	13,148	(⁹)
	Priced under \$33.00 per unit, total.....	6,206	(⁹)
23111 41	Made from all wool.....	4,077	(⁹)
23111 42	Made from wool blends.....	1,235	(⁹)
23111 43	Made from other fabrics.....	894	(⁹)
	Priced from \$33.00 to \$49.99 per unit, total.....	4,991	(⁹)
23111 44	Made from all wool.....	3,817	(⁹)
23111 45	Made from wool blends.....	1,131	(⁹)
23111 46	Made from other fabrics.....	43	(⁹)
	Priced from \$50.00 and over per unit, total.....	1,951	(⁹)
23111 47	Made from all wool.....	1,375	(⁹)
23111 48	Made from wool blends.....	498	(⁹)
23111 49	Made from other fabrics.....	78	(⁹)
	Men's light weight suits, total.....	7,413	(⁹)
	Priced under \$33.00 per unit, total.....	4,537	(⁹)
23111 51	Made from all wool.....	516	(⁹)
23111 52	Made from wool blends.....	1,541	(⁹)
23111 53	Made from other fabrics.....	2,480	(⁹)
	Priced from \$33.00 to \$49.99 per unit, total.....	2,295	(⁹)
23111 54	Made from all wool.....	568	(⁹)
23111 55	Made from wool blends.....	1,562	(⁹)
23111 56	Made from other fabrics.....	165	(⁹)
	Priced from \$50.00 and over per unit, total.....	581	(⁹)
23111 57	Made from all wool.....	279	(⁹)
23111 58	Made from wool blends.....	210	(⁹)
23111 59	Made from other fabrics.....	92	(⁹)
	Men's and boys' uniform suits, total.....	336	(¹⁰)
23111 61	Made under State and Federal Government contracts.....	21	(¹⁰)
23111 62	All other tailored uniform suits.....	315	(¹⁰)
	Men's overcoats, topcoats, and tailored car and suburban coats, except uniform, total.....	4,279	4,870
23112 11	Overcoats (outer fabric over 22 ounces per yard).....	391	391
	Topcoats, including reversibles, zipper-lined, and weather-repellent wool topcoats (22 ounces or less per yard), total.....	112,420	3,123
23112 16	50 percent or more wool.....	2,115	2,832
23112 17	50 percent or more man-made fibers.....	165	140
23112 18	All other fabrics.....	140	151
23112 19	Suburban and car coats (tailored).....	1,468	1,327
23112 30	Stormcoats.....	(¹¹)	29
	Men's and boys' uniform overcoats, topcoats, and jackets, total.....	1,128	(¹⁰)
23115 13	Made under State and Federal Government contracts.....	799	(¹⁰)
23115 14	All other tailored uniform coats.....	329	(¹⁰)
	Men's tailored separate dress and sport coats, including sport and leisure jackets, and excluding uniform coats, total.....	11,175	8,470
23113 15	All wool.....	4,749	6,513
23113 16	Wool blends.....	2,845	1,585
23113 17	All other fabrics.....	3,581	372
	Boys' suits (including students', cadets', and junior boys') except wash suits and uniform suits, total.....	6,103	3,532
23114 11	50 percent or more wool.....	2,589	1,735
23114 12	50 percent or more man-made fibers.....	2,365	1,052
23114 13	All other fabrics.....	1,149	745

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total cuttings (1,000 units)	
		1963	1958
	(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL) MEN'S AND BOYS SUITS, COATS, AND OVERCOATS—Continued		
23114 14	Boys' overcoats, topcoats, stormcoats, and tailored suburban and car coats.....	1,068	1,363
	Boys' tailored dress and sport coats, including sport and leisure jackets, total.....	3,505	3,119
23114 15	50 percent or more wool.....	2,302	2,254
23114 16	50 percent or more man-made fibers.....	845	440
23114 17	All other fabrics.....	358	425

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2253 pt. 2254 pt. 2321- --	MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS) AND NIGHTWEAR, TOTAL.....	1,000 dozen...	53,103	1,114,619	42,626	864,135
23212 61 22532 pt.	Men's and boys' knit outerwear sport shirts, including sweat shirts:					
	As reported in the census of manufactures.....	...do.....	13,391	206,871	11,286	128,865
22532 12	Made in knitting mills.....	...do.....	7,876	123,631	(NA)	80,202
23212 61	Made in cut-and-sew shops.....	...do.....	5,515	83,240	(NA)	48,663
	As reported on Census Annual Form MA-23A ⁸.....	...do.....	13,375	203,568	11,285	(NA)
	Men's, total.....	...do.....	6,411	(NA)	7,036	(NA)
	Knit outerwear shirts, except sweat shirts.....	...do.....	3,783	(NA)	5,416	(NA)
23212 12	Chiefly cotton.....	...do.....	2,969	(NA)	5,045	(NA)
23212 13	Chiefly man-made fibers.....	...do.....	710	(NA)	291	(NA)
23212 14	Other fabrics.....	...do.....	104	(NA)	80	(NA)
23212 18	Sweat shirts.....	...do.....	2,628	(NA)	1,620	(NA)
	Boys', total.....	...do.....	6,964	(NA)	4,250	(NA)
	Knit outerwear shirts, except sweat shirts.....	...do.....	5,601	(NA)	3,681	(NA)
23212 21	Chiefly cotton.....	...do.....	5,321	(NA)	3,440	(NA)
23212 22	Other fabrics.....	...do.....	280	(NA)	241	(NA)
23212 28	Sweat shirts.....	...do.....	1,363	(NA)	569	(NA)
23214 --	Men's and boys' woven dress and sport shirts, including uniform (excluding work shirts):					
	As reported in the census of manufactures.....	...do.....	31,802	794,440	27,993	656,477
	As reported on Census Annual Form MA-23A.....	...do.....	33,787	774,645	12,288,022	(NA)
23214 12	Men's:					
	As reported in the census of manufactures.....	...do.....	13,266,519	661,015	21,275	544,259
	As reported on Census Annual Form MA-23A ⁸.....	...do.....	13,25,307	(NA)	12,21,304	(NA)
23214 11	Dress and business shirts.....	...do.....	9,282	(NA)	14,6513	(NA)
	Sport shirts, total.....	...do.....	16,025	(NA)	12,14,791	(NA)
23214 12	Chiefly cotton.....	...do.....	13,267	(NA)	12,11,048	(NA)
23214 13	Chiefly rayon and acetate.....	...do.....	2,101	(NA)	3,189	(NA)
23214 14	Other fabrics, including wool.....	...do.....	657	(NA)	12,554	(NA)
23214 14	Boys':					
	As reported in the census of manufactures.....	...do.....	13,8,267	133,425	6,718	112,213
	As reported on Census Annual Form MA-23A ⁸.....	...do.....	13,8,480	(NA)	6,718	(NA)
23214 21	Dress and business shirts.....	...do.....	1,500	(NA)	14,844	(NA)
	Sport shirts, total.....	...do.....	6,176	(NA)	5,874	(NA)
23214 22	Chiefly cotton.....	...do.....	5,932	(NA)	5,561	(NA)
23214 23	Other fabrics.....	...do.....	244	(NA)	313	(NA)
	Men's and boys' uniform shirts, total.....	...do.....	804	(NA)	(14)	(NA)
23214 31	Made under State and Federal Government contracts.....	...do.....	268	(NA)	(14)	(NA)
23214 32	All other uniform shirts.....	...do.....	536	(NA)	(14)	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2253 pt. 2254 pt. 2321- --	MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), AND NIGHTWEAR—Continued					
23215 -- 22541 pt.						
	Men's and boys' nightwear:					
	As reported in the census of manufactures.....	1,000 dozen...	4,238	95,172	3,347	78,798
	As reported on Census Annual Form MA-23A ⁸.....	..do.....	4,220	99,268	¹² 3,346	(NA)
	Men's and boys' nightwear made from knit fabrics:					
	As reported in the census of manufactures.....	..do.....	483	9,323	439	10,925
22541 22	Made in knitting mills.....	..do.....	371	6,531	(NA)	7,050
23215 12	Made in cut-and-sew shops.....	..do.....	112	2,792	(NA)	3,875
	As reported on Census Annual Form MA-23A ⁸.....	..do.....	476	(NA)	¹² 438	(NA)
23215 21	Circular-knit cotton and/or wool.....	..do.....	456	(NA)	(NA)	(NA)
23215 25	All other knit fabrics.....	..do.....	20	(NA)	(NA)	(NA)
23215 16	Men's and boys' nightwear made from woven fabrics:					
	As reported in the census of manufactures.....	..do.....	3,755	85,849	2,908	67,873
	As reported on Census Annual Form MA-23A ⁸.....	..do.....	3,744	(NA)	2,908	(NA)
23215 11	Men's.....	..do.....	2,599	(NA)	2,048	(NA)
23215 15	Boys'.....	..do.....	1,145	(NA)	860	(NA)
23210 00	Men's and boys' shirts (except work shirts), and nightwear, n.s.k.....	..do.....	¹⁵ 668	18,136	(¹⁶)	(¹⁶)
23219 11	Receipts for contract work on men's dress shirts and nightwear done for others on their materials.....	.....	(X)	⁷ 192,868	(X)	⁷ 156,006
2254 pt. 2322- --	MEN'S AND BOYS' UNDERWEAR					
	As reported in the census of manufactures.....	.....	(X)	350,114	(X)	260,974
	As reported on Census Annual Form MA-23A.....	1,000 dozen...	51,548	324,499	41,911	260,569
	Men's and boys' underwear made from knit fabric:					
	As reported in the census of manufactures.....	.....	(X)	280,664	(X)	203,069
22541 12	Made in knitting mills.....	.....	(X)	213,452	(X)	166,452
23221 12	Made in cut-and-sew shops.....	1,000 dozen...	12,054	67,212	(X)	36,617
	As reported on Census Annual Form MA-23A ⁸.....	..do.....	40,688	(NA)	32,455	(NA)
	Union suits:					
23221 21	Men's and boys' heavy weight.....	..do.....	271	(NA)	377	(NA)
23221 25	Men's and boys' light weight.....	..do.....	212	(NA)	162	(NA)
	Undershirts made from knit cotton and/or wool fabrics:					
23221 31	Men's and boys' heavy weight and medium weight, including balbriggan.....	..do.....	854	(NA)	455	(NA)
23221 34	Men's light weight, with 1/4 sleeves, including T-shirts used as undershirts.....	..do.....	11,656	(NA)	¹² 11,188	(NA)
23221 36	Boy's light weight, with 1/4 sleeves, including T-shirts used as undershirts.....	..do.....	4,097	(NA)		
23221 35	Men's sleeveless athletic type.....	..do.....	4,037	(NA)	5,481	(NA)
23221 37	Boys' sleeveless athletic type.....	..do.....	741	(NA)	582	(NA)
	Drawers made from knit cotton and or wool fabrics:					
23221 41	Men's and boys' drawers, except supporter-type.....	..do.....	1,066	(NA)	632	(NA)
23221 45	Men's and boys' drawers, supporter-type, including half-knee, and full-length.....	..do.....	664	(NA)	493	(NA)
	Shorts and briefs made from knit cotton and/or wool fabrics:					
23221 51	Men's and boys' knit shorts (loose-leg, nonsupporter-type).....	..do.....	1,026	(NA)	846	(NA)
23221 55	Men's briefs, supporter-type.....	..do.....	9,014	(NA)	6,928	(NA)
23221 57	Boys' briefs, supporter-type.....	..do.....	6,920	(NA)	5,147	(NA)
23221 60	Men's and boys' knit underwear made from all other knit fabrics.....	..do.....	130	(NA)	164	(NA)
	Men's and boys' undershorts made from woven fabrics:					
23221 41	As reported in the census of manufactures.....	..do.....	10,099	65,213	9,499	57,905
	As reported on Census Annual Form MA-23A ⁸.....	..do.....	10,082	(NA)	¹² 9,456	(NA)
23221 11	Men's undershorts.....	..do.....	9,586	(NA)	¹² 178,924	(NA)
23221 15	Boys' undershorts (sizes 4-20).....	..do.....	496	(NA)		
23221 00	Men's and boys' underwear, n.s.k.....	..do.....	¹⁵ 761	4,237	(¹⁶)	(¹⁶)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2323- --	MEN'S, YOUTHS', AND BOYS' NECKWEAR, TOTAL.....	1,000 dozen...	11,173	105,575	9,320	89,714
	Neckties made from woven fabrics.....	...do.....	8,899	84,682	7,440	71,650
23230 21	All silk.....	...do.....	2,479	35,884	2,252	31,018
23230 25	All rayon and/or acetate.....	...do.....	3,762	26,418	4,215	32,453
23230 27	All polyester.....	...do.....	842	8,362	(18)	(18)
23230 29	All other fabrics, including blends.....	...do.....	1,816	14,018	18,973	188,179
23230 49	All other men's and boys' neckwear, including knit neckties and knit or woven mufflers and scarfs.....	...do.....	456	3,711	19,477	194,556
23230 00	Men's and boys' neckwear, n.s.k.....	...do.....	151,818	17,182	151,403	13,508
2327- --	MEN'S AND BOYS' SEPARATE TROUSERS: As reported in the census of manufacturers..... As reported on Census Annual Form MA-23A.....	1,000 units... ...do.....	197,465 195,722	692,689 660,050	117,217 (3)	436,259 431,529
	Separate trousers, pants, slacks, and short pants, excluding uniform:					
23271 12	Men's: As reported in the census of manufactures..... As reported on Census Annual Form MA-23A.....	...do..... ...do.....	125,032 125,110	488,539 (NA)	73,404 (3)	321,135 (NA)
23271 14	Boys': As reported in the census of manufactures..... As reported on Census Annual Form MA-23A.....	...do..... ...do.....	66,935 65,114	150,895 (NA)	40,402 (3)	93,533 (NA)
23271 51	Men's and boys' separate uniform trousers: As reported in the census of manufactures..... As reported on Census Annual Form MA-23A.....	...do..... ...do.....	5,498 5,498	36,923 (NA)	3,411 (3)	21,591 (NA)
23270 00	Men's and boys' separate dress and sport trousers, n.s.k.....	.....	(X)	16,332	-	(X)
23279 11	Receipts for contract work on separate dress and sport trousers done for others on their materials.....	.....	(X)	7168,007	(X)	796,166
Product					Total cuttings (1,000 units)	
					1963	1958
(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL)						
Men's and boys' separate trousers, pants, slacks, and short pants, excluding uniform, total ⁸					190,224	113,808
Men's dress and sport trousers, excluding dress shorts, total.....					116,733	2073,405
More than 50 percent wool.....					15,442	2016,155
Wool blends containing 50 percent or less wool.....					4,836	(21)
More than 50 percent cotton.....					57,138	2026,445
Cotton blends containing 50 percent or less cotton.....					39,317	(21)
Other fabrics.....					74,943	2030,805
Priced under \$4.25 per unit, total.....					765	(NA)
23271 14	More than 50 percent wool.....	.....	.....	.....	1,133	(NA)
23271 15	Wool blends 50 percent or less wool.....	.....	.....	.....	41,581	(NA)
23271 16	More than 50 percent cotton.....	.....	.....	.....	12,063	(NA)
23271 17	Cotton blends 50 percent or less cotton.....	.....	.....	.....	19,401	(NA)
23271 19	Other fabrics.....	.....	.....	.....	35,674	(NA)
Priced from \$4.25 to \$8.99 per unit, total.....					9,897	(NA)
23271 24	More than 50 percent wool.....	.....	.....	.....	2,812	(NA)
23271 25	Wool blends 50 percent or less wool.....	.....	.....	.....	1,394	(NA)
23271 26	More than 50 percent cotton.....	.....	.....	.....	1,974	(NA)
23271 27	Cotton blends 50 percent or less cotton.....	.....	.....	.....	19,597	(NA)
23271 29	Other fabrics.....	.....	.....	.....	6,116	(NA)
Priced from \$9.00 and over per unit, total.....					4,780	(NA)
23271 34	More than 50 percent wool.....	.....	.....	.....	891	(NA)
23271 35	Wool blends 50 percent or less wool.....	.....	.....	.....	126	(NA)
23271 36	More than 50 percent cotton.....	.....	.....	.....	319	(NA)
23271 37	Cotton blends 50 percent or less cotton.....	.....	.....	.....	8,377	(20)
23271 39	Other fabrics.....	.....	.....	.....	7,096	(20)
Dress shorts, total.....					1,281	(20)
23271 42	50 percent or more cotton.....	.....	.....	.....
23271 43	All other fabrics.....	.....	.....	.....

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total cuttings (1,000 units)				
		1963	1958			
	(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL)					
	Separate trousers, slacks, and short pants, excluding uniform ⁸ --Continued					
	Boys', total.....	65,114	40,403			
	Dress and sport trousers, except dress shorts, total.....	59,632	34,829			
23271 51	50 percent or more wool.....	3,928	4,075			
23271 52	50 percent or more cotton.....	38,433	19,452			
23271 53	All other fabrics.....	17,271	11,302			
	Dress shorts, total.....	5,482	5,574			
23271 62	50 percent or more cotton.....	4,885	4,931			
23271 63	All other fabrics.....	597	643			
	Men's and boys' separate uniform trousers.....	5,498	(NA)			
23271 71	Made under State and Federal Government contracts.....	1,722	(NA)			
23271 75	All other tailored uniform trousers.....	3,776	(NA)			
	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2328- --	WORK CLOTHING, TOTAL.....	1,000 dozen...	(X)	635,238	20,825	526,141
23281 13	Men's and boys' work shirts:					
	As reported in the census of manufactures.....	...do.....	3,880	87,284	4,147	78,304
	As reported on Census Annual Form, MA-23A.....	...do.....	3,835	87,361	(³)	(³)
23282 12	Men's and boys' work clothing (excluding work shirts) and washable service apparel:					
	As reported in the census of manufactures.....	...do.....	19,730	540,347	16,678	447,837
	As reported on Census Annual Form, MA-23A.....	...do.....	19,368	542,598	(³)	(³)
23280 00	Men's and boys' work clothing, n.s.k.....	(X)	7,607	-	-
23289 15	Receipts for contract work on work shirts, work clothing, and washable service apparel done for others on their material.....	(X)	784,484	(X)	755,995
	Product	Quantity of cuttings (1,000 dozens) ⁸				
		1963		1958		
	(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL)					
2328- --	WORK CLOTHING, TOTAL.....			23,203	20,825	
23281 --	Men's and boys' work shirts.....			3,835	4,147	
23281 11	Men's.....			3,791	3,811	
23281 21	Boys'.....			44	336	
23282 --	Men's and boys' work clothing (except work shirts) and washable service apparel.....			19,368	16,678	
	Work pants.....			6,149	6,024	
23282 31	Men's.....			5,796	5,538	
23282 32	Boys'.....			353	486	
	Dungarees and waistband overalls.....			9,571	7,451	
23282 11	Men's.....			4,026	2,881	
23282 21	Boys'.....			5,545	4,570	
	Bib overalls.....			802	1,011	
23282 12	Men's.....			736	883	
23282 22	Boys'.....			66	128	
23282 13	Men's overalls and work jackets.....			344	463	
23282 14	Men's one-piece work suits and coveralls, excluding waterproof and flight clothing.....			562	436	
23282 15	Men's washable service apparel.....			1,940	1,293	

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2253- pt. 2329- --	MEN'S AND BOYS' CLOTHING, N.E.C., TOTAL.....		(X)	601,389	(X)	436,983
23291 12	Men's and boys' outerwear coats and jackets (nontailored):					
	As reported in census of manufactures.....	1,000 dozen...	3,336	258,695	2,950	212,670
	As reported on Census Annual Form MA-23A.....	...do.....	3,365	(NA)	(³)	(NA)
23292 --	Men's and boys' outerwear, n.e.c.:					
23292 12	Swimwear and athletic shorts made from woven fabrics:					
	As reported in the census of manufactures.....	...do.....	1,526	30,933	1,305	27,937
	As reported on Census Annual Form MA-23A.....	...do.....	1,476	(NA)	(³)	(NA)
23292 41	Other outerwear, n.e.c., made from woven fabrics (including slack suits, ski and snow pants, and leggings and wash suits)..		(X)	57,816	(X)	37,651
22531 12 23292 61	Men's and boys' sweaters:					
	As reported in the census of manufactures.....	1,000 dozen...	4,234	209,637	3,375	122,624
22531 12	Made in knitting mills.....	...do.....	3,757	183,087	(NA)	108,678
23292 61	Made in cut-in-sew shops.....	...do.....	477	26,550	(NA)	13,946
	As reported on Census Annual Form MA-23A.....	...do.....	4,073	204,795	(³)	(NA)
22533 41 23292 81	Men's and boys' other knit outerwear, n.e.c., including knit swimwear.....		(X)	33,440	(X)	16,784
22533 41	Made in knitting mills.....		(X)	14,714	(X)	9,997
23292 81	Made in cut-and-sew shops.....		(X)	18,726	(X)	6,787
23292 00	Men's and boys' other outerwear, made from woven or purchased knit fabric, n.s.k.....		(X)	1,775	(X)	3,759
23290 00	Men's and boys' outerwear, n.e.c., n.s.k.....		(X)	9,093	(X)	15,558
23299 11	Receipts for contract work on men's and boys' clothing, n.e.c., done for others on their materials.....		(X)	754,064	(X)	743,080

Product code	Product	Total cuttings (1,000 dozens) ⁸	
		1963	1958
	(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL)		
23291 --	Men's and boys' outerwear coats and jackets (nontailored), total.....	3,365	2,950
	Heavy outerwear jackets, including mackinaws, lumber jackets, blanket-lined, etc., total.....	1,788	1,544
	Men's total.....	1,047	781
23291 61	50 percent or more wool.....	251	392
23291 62	50 percent or more cotton.....	579	295
23291 69	All other fabrics, including plastic.....	217	94
	Boys' total.....	718	727
23291 71	50 percent or more wool.....	209	426
23291 72	50 percent or more cotton.....	376	231
23291 79	All other fabrics, including plastic.....	133	70
23291 00	Men's and boys' heavy outerwear jackets, n.s.k.....	23	36
	Other outerwear jackets, excluding tailored coats, total.....	1,577	1,406
	Men's total.....	1,100	780
23292 11	50 percent or more cotton.....	613	410
23292 12	50 percent or more man-made fabrics.....	362	289
23292 19	All other fabrics, including plastic.....	125	81
	Boys' total.....	435	556
23292 21	50 percent or more cotton.....	289	455
23292 22	50 percent or more man-made fabrics.....	104	52
23292 29	All other fabrics, including plastic.....	42	49
23292 00	Men's and boys' other outerwear jackets, n.s.k.....	42	70

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total cuttings (1,000 dozens) ⁸	
		1963	1958
	(AS REPORTED ANNUALLY ON CENSUS FORM MA-23A, APPAREL)		
23292 --	Men's and boys' outerwear, n.e.c.:		
	Swimwear and athletic shorts made from woven fabric:		
	Men's swimwear.....	677	762
23292 41	Elastic woven fabrics.....	199	175
23292 42	Other than elastic woven fabrics, except knit.....	478	587
23292 45	Boys' woven fabric swimwear.....	443	348
	Athletic shorts, woven fabrics.....	356	194
23293 91	Men's.....	103	63
23293 92	Boys'.....	253	131
	Other outerwear:		
23292 95	Boys' wash suits.....	408	368
	Men's and boys' sweaters, knit jackets, jerseys, and pullovers:		
	Men's sweaters, by fiber.....	3,162	2,341
22531 11	All wool.....	1,612	1,078
22531 12	All nylon.....	874 {	40
22531 14	All acrylic.....		606
22531 19	Other yarns, including mixtures and blends.....		617
	Boys' sweaters, by fiber.....	911	1,034
22531 21	All wool.....	163	152
22531 22	All nylon.....	(22)	(22)
22531 24	All acrylic.....	613	513
22531 29	Other yarns, including mixtures and blends.....	22 135	22 369
23292 31	Men's and boys' knit swimwear.....	358	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

²Establishments in this industry were requested to report value of shipments in 1963 and value of production in 1958. This change does not significantly affect the comparability of the data for the two years (see text). The quantity data reported on Census Annual Form MA-23A represent cuttings.

³For 1963, value of shipments data were not collected separately in the Annual Apparel Survey for men's and boys' uniform garments but were included with the value of shipments for each related non uniform category. For both 1963 and 1958, the quantity data for boys' tailored uniform clothing are included with men's tailored uniform clothing. For 1958, these quantity data exclude the production of uniform clothing made on contract by private companies from materials owned by the United States Government.

⁴Current survey data for 1958 were revised based on the 1958 Census of Manufactures.

⁵For 1963, separate quantity data were not collected for men's and boys' uniform overcoats and topcoats and uniform coats and jackets on Census Annual Form MA-23A. The combined quantity reported was 1,128 thousand units.

⁶For 1963, separate value of shipments data were not collected for boys' suits, topcoats, and dress and sport coats, except uniform, on Census Annual Form MA-23A. The total value of shipments reported on Annual Form MA-23A for 1963 was \$94,409 thousand.

⁷For 1963 and 1958, a significant number of firms classified in industry 2311, Men's and boys' suits and coats, provided no detailed information on their types of activity (manufacturer, jobber, or contractor), dollar value of their shipments of men's and boys' suits and coats, or receipts for work done on men's and boys' suits and coats from materials owned by others. The figure given is an estimate based on their 1963 payroll, against which industry averages were applied.

⁸Contract receipts are not included in the total shown for products of this industry. For 1963, contract receipts include all receipts for work on these products done for others on their materials regardless of the industry classification of the establishment. For 1958, contract receipts include all receipts for contract work done for others on their materials by establishments classified in this industry.

⁹Cuttings as reported for 1963 and 1958 by product code on Census Annual Form MA-23A.

¹⁰Data for men's suits were collected by price line beginning in 1959. The fabric and weight classification were revised from those used previously, beginning in 1962. Therefore, there are no comparable 1958 data by price line, fabric, and weight classification.

¹¹For 1958, data for men's and boys' uniform suits, overcoats, and topcoats were not collected on Census Annual Form MA-23A.

¹²Excludes data for stormcoats which are withheld to avoid disclosing figures for individual companies.

¹³Current survey data for 1958 were revised based on the 1959 Annual Apparel Survey.

¹⁴For 1963, cuttings of men's and boys' uniform shirts are included on the census of manufactures, but are reported separately on Form MA-23A. Therefore these figures are not completely comparable.

¹⁵For 1958, men's and boys' uniform shirts were included with men's and boys' dress and business shirts.

¹⁶Quantity for this item was estimated based on the unit price relationship for all other items in this product class.

¹⁷For 1958, these data were distributed throughout the other products in this industry based on their percentage of the total 1958 value of these product classes.

¹⁸For 1958, includes 43 thousand dozen men's and boys' woven union suits. Separate data for this product were not collected for 1963.

¹⁹For 1958, men's, youths', and boys' woven all polyester neckties were included in product code 2323029.

²⁰For 1958, production of 112 thousand dozen woven mufflers and scarfs were valued at \$1,502 thousand. Production of 365 thousand dozen knit neckties, mufflers, and scarfs were valued at \$3,054 thousand. Data for these products were not collected separately for 1963, and are included in product code 2323049.

²¹For 1958, men's dress shorts were included with men's dress and sport trousers.

²²Wool blends containing 50 percent or less wool and cotton blends containing 50 percent or less cotton were not collected separately in 1958 and were included in other fabrics.

²³Boys' nylon sweaters are included with boys' sweaters made from other yarns.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
231--	Men's and boys' suits and coats...1963..	121	111		Men's and boys' furnishings ¹ —Con.		
	1958..	108	104				
2311-	Men's and boys' suits and coats.....1963..	121	111	2322-	Men's and boys' underwear.....1963..	120	103
	1958..	108	104		1958..	102	108
23111	Men's suits.....1963..	109	110				
23112	Men's overcoats, and topcoats.....1963..	88	107	23221	Men's and boys' underwear (made from		
	1958..	97	104		woven or purchased knit fabrics)..1963..	120	103
23113	Men's tailored dress and sport				1958..	102	108
	coats.....1963..	164	121				
23114	Boys' suits, coats, and tailored			2323-	Men's and boys' neckwear.....1963..	100	105
	jackets.....1963..	154	101		1958..	82	108
	1958..	114	102	2327-	Separate trousers.....1963..	197	90
232--	Men's and boys' furnishings ¹.....1963..	136	105		1958..	118	98
	1958..	107	103	23271	Men's, youths', and boys separate		
2321-	Men's dress shirts and nightwear.....1963..	127	105		dress and sport trousers.....1963..	201	90
	1958..	103	103		1958..	121	98
23212	Men's, youths', and boys' knit			2328-	Work clothing.....1963..	115	113
	outerwear sport shirts.....1963..	149	135		1958..	104	104
	1958..	115	102	23281	Men's, youths', and boys' work		
23214	Men's, youths', and boys' woven dress				shirts.....1963..	73	132
	and sport shirts.....1963..	121	104		1958..	79	110
	1958..	100	104	23282	Men's, youths', and boys' work clothing		
23215	Men's and boys' nightwear made from				(excluding shirts) and washable service		
	woven or purchased knit fabrics.....1963..	127	98		apparel.....1963..	123	110
	1958..	101	99		1958..	108	102

¹Adjusted to include men's and boys' clothing, n.e.c., such as men's and boys' outerwear coats and jackets (nontailored) made in cut-and-sew shops and other products of industry 2329.

**TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments:
1947, 1954, 1958 to 1963**

(In thousands of dollars)

Code	Product class	1963 ¹	1962 ²	1961 ²	1960 ²	1959 ²	1958	1954	1947
2311-	Men's and boys' suits and coats.....	1,195,415	1,127,053	1,069,695	1,104,487	1,040,627	1,000,924	927,149	1,151,438
23111	Men's suits.....	727,140	691,172	665,180	699,573	662,558	629,636	601,888	(NA)
23112	Men's overcoats and topcoats.....	121,753	121,896	118,301	130,037	129,910	129,012	127,651	(NA)
23113	Men's tailored dress and sport coats and jackets.....	214,561	213,501	191,890	185,546	167,062	147,348	108,152	(NA)
23114	Boys' suits, coats, and tailored jackets...	102,624	100,484	94,324	89,331	81,097	76,868	65,727	(NA)
23110	Men's and boys' suits and coats, n.s.k....	29,337	-	-	-	-	18,060	23,731	(NA)
2321-	Men's dress shirts and nightwear, total.....	987,547	955,653	862,320	886,592	852,534	776,888	(NA)	(NA)
23212	Men's, youths', and boys' knit outerwear sport shirts (made from purchased knit fabric).....	383,240	71,402	58,353	61,123	59,306	48,663	(NA)	(NA)
23214	Men's, youths', and boys' woven dress and sport shirts.....	797,530	802,867	729,177	739,280	706,694	656,477	634,001	526,945
23215	Men's and boys' nightwear (made of woven or purchased knit fabric).....	388,641	78,384	74,790	76,139	76,484	71,748	(NA)	79,163
23210	Men's dress shirts and nightwear, n.s.k....	18,136	(NA)	(NA)	(NA)	(NA)	(X)	7,574	14,425
23221	Men's and boys' underwear (made from woven or purchased knit fabrics).....	3136,662	131,217	120,052	112,789	109,870	94,522	(NA)	193,711
23230	Men's, youths', and boys' neckwear.....	105,575	116,116	101,308	99,604	99,233	89,714	101,280	116,670
2327-	Separate trousers.....	692,689	627,481	557,270	547,633	500,338	436,259	369,082	326,254
23271	Men's, youths', and boys' separate dress and sport trousers.....	676,357	627,481	557,270	547,633	500,338	436,259	359,613	316,165
23270	Separate trousers, n.s.k.....	16,332	(NA)	(NA)	(NA)	(NA)	(NA)	9,469	10,089
2328-	Work clothing.....	635,238	574,255	539,576	522,296	523,911	526,141	(4)	(4)
23281	Men's, youths', and boys' work shirts.....	87,284	81,333	79,402	78,417	83,070	78,304	(4)	(4)
23282	Men's, youths', and boys' work clothing (excluding shirts) and washable service apparel.....	540,347	492,922	460,174	443,879	440,841	447,837	(4)	(4)
23280	Work clothing, n.s.k.....	7,607	-	-	-	-	-	(4)	(4)
2329-	Men's and boys' clothing, n.e.c.....	403,588	363,240	327,913	333,469	322,152	318,308	(5)	(5)
23291	Men's, youths', and boys' heavy outerwear, coats and jackets.....	258,695	240,438	219,107	214,391	214,694	212,670	(5)	(5)
23292	Men's, youths', and boys' outerwear, n.e.c.	3135,800	103,506	90,299	99,385	94,966	90,080	(5)	(5)
23290	Men's and boys' clothes, n.e.c., n.s.k....	9,093	19,296	18,507	(19,693)	(12,492)	15,558	(5)	(5)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹See text regarding comparability of 1963 data with earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³For purposes of comparability with prior years' annual survey of manufactures data, the value of shipments of the knitting mills (Group 225) has been excluded. (See tables 5B and 6A.)

⁴A revision in the definition of the industry was introduced in the 1957 Standard Industrial Classification so that the industry data are not comparable with information collected for prior years. The definition for industry 2328 was revised to include men's and boys' work clothing and washable service apparel as well as work shirts. Under the previous classification system, the old SIC industry 2328, covered only work shirts, while men's and boys' work clothing (except work shirts) and washable service apparel were included in the old SIC industry 2329 Men's and Boys' Clothing, N.E.C.

⁵A revision in the definition of the Men's and Boys' Clothing, N.E.C., Industry was introduced in the 1957 Standard Industrial Classification. This revision excludes the output of men's and boys' work clothing and washable service apparel, which are now included in industry 2328, Work Clothing. As a result, data for industry 2329, Men's and Boys' Clothing, N.E.C., are not comparable with statistics for years prior to 1958.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
MEN'S SUITS (23111)			BOY'S SUITS, COATS, AND TAILORED JACKETS (23114)			MEN'S, YOUTHS', AND BOYS' WOVEN DRESS AND SPORT SHIRTS (23214)—Continued		
United States, total....	² 727,140	² 629,636	United States, total....	² 102,624	² 76,868	East South Central.....	190,875	96,614
New England.....	21,625	23,791	New England.....	16,598	9,839	Tennessee.....	112,442	46,301
Middle Atlantic.....	381,123	325,357	Middle Atlantic.....	66,246	51,111	Alabama.....	47,062	27,474
New York.....	232,584	200,670	New York.....	45,877	37,500	West South Central.....	17,206	14,083
New Jersey.....	18,540	13,324	New Jersey.....	3,147	1,238	Texas.....	2,436	(³)
Pennsylvania.....	129,999	111,363	Pennsylvania.....	17,222	12,373	West.....	45,717	39,036
East North Central.....	110,488	95,923	East North Central.....	2,721	1,043	California.....	31,630	(³)
Ohio.....	51,681	41,510	West North Central.....	5,893	7,562	Hawaii.....	2,424	(Z)
Illinois.....	56,954	52,672	Missouri.....	5,000	3,791			
West North Central.....	8,415	7,272	South.....	9,534	(³)	MEN'S AND BOYS' NIGHTWEAR (23215)		
South Atlantic.....	131,367	110,864	Georgia.....	1,614	2,343	United States, total....	² 95,172	² 78,798
Maryland.....	95,067	84,186	Texas.....	2,912	(³)	Northeast.....	49,181	(³)
East South Central.....	41,850	34,651	West.....	1,632	(Z)	New York.....	38,871	41,318
Kentucky.....	18,626	20,638				Pennsylvania.....	10,057	(³)
West South Central.....	12,002	17,675	MEN'S, YOUTHS', AND BOYS' KNIT OUTERWEAR SPORT SHIRTS⁴ (23212)			North Central.....	6,813	(³)
Mountain.....	1,058	1,047	United States, total....	² 206,871	² 128,865	South and West.....	39,178	(³)
Pacific.....	19,212	13,056	New England.....	3,644	5,239	North Carolina.....	1,929	1,822
MEN'S OVERCOATS AND TOPCOATS (23112)			Middle Atlantic.....	76,399	55,354	Georgia.....	4,328	(³)
United States, total....	² 121,753	² 129,012	New York.....	31,421	24,398	Tennessee.....	11,217	(³)
New England.....	18,757	21,775	New Jersey.....	7,329	1,467	Alabama.....	5,657	(³)
Middle Atlantic.....	61,567	64,323	Pennsylvania.....	37,649	29,489	MEN'S AND BOYS' UNDERWEAR² (23221)		
New York.....	41,576	44,523	East North Central.....	14,453	9,412	United States, total....	² 350,114	² 260,974
New Jersey.....	4,908	2,597	West North Central.....	5,978	(³)	New England.....	1,765	2,981
Pennsylvania.....	15,083	17,203	South Atlantic.....	72,723	37,217	Middle Atlantic.....	94,197	72,991
East North Central.....	18,290	22,080	Virginia.....	42,728	20,755	New York.....	19,302	16,506
Ohio.....	7,418	12,816	North Carolina.....	17,084	7,788	New Jersey.....	1,538	2,696
Illinois.....	6,517	7,743	Georgia.....	4,981	4,186	Pennsylvania.....	73,357	53,789
West North Central.....	11,241	11,699	East South Central.....	30,068	15,198	North Central.....	46,360	(³)
Missouri.....	6,224	(³)	Pacific.....	3,606	(³)	Illinois.....	3,937	(³)
South.....	9,839	(³)	California.....	3,606	(³)	South and West.....	207,792	(³)
Maryland.....	4,710	(³)	MEN'S, YOUTHS', AND BOYS' WOVEN DRESS AND SPORT SHIRTS (23214)			Virginia.....	4,189	(³)
Kentucky.....	1,769	(³)	United States, total....	² 794,440	² 656,472	North Carolina.....	64,164	39,086
West.....	2,059	(⁴)	New England.....	50,336	36,024	South Carolina.....	15,223	11,940
MEN'S TAILORED DRESS AND SPORT COATS AND JACKETS (23113)			Connecticut.....	10,718	(³)	Georgia.....	10,803	8,355
United States, total....	² 214,561	² 147,348	Middle Atlantic.....	286,090	303,857	Tennessee.....	23,616	19,896
New England.....	8,118	6,832	New York.....	191,681	200,026	Alabama.....	15,610	11,410
Middle Atlantic.....	112,197	71,226	New Jersey.....	18,394	20,207	Mississippi.....	8,109	(³)
New York.....	57,110	39,415	Pennsylvania.....	76,015	83,624	MEN'S, YOUTHS', BOYS' SEPARATE DRESS AND SPORT TROUSERS (23271)		
New Jersey.....	10,280	3,850	East North Central.....	33,113	32,164	United States, total....	² 676,357	² 436,259
Pennsylvania.....	44,807	27,961	Ohio.....	28,188	27,404	New England.....	11,891	14,840
East North Central.....	24,088	15,124	West North Central.....	19,679	17,400	Massachusetts.....	11,833	13,396
Ohio.....	13,634	8,285	Missouri.....	10,898	11,083	Middle Atlantic.....	181,222	140,385
Illinois.....	9,210	5,504	South Atlantic.....	151,424	117,294	New York.....	138,937	105,157
West North Central.....	5,533	4,991	Maryland.....	12,537	17,073	New Jersey.....	5,841	3,874
South Atlantic.....	33,141	22,552	North Carolina.....	26,101	19,791	Pennsylvania.....	36,444	31,354
Maryland.....	18,990	13,112	South Carolina.....	26,476	23,083	East North Central.....	68,194	53,787
Georgia.....	11,715	7,480	Georgia.....	79,448	47,436	Ohio.....	29,914	24,421
East South Central.....	17,910	11,804				Indiana.....	20,253	14,429
Tennessee.....	11,851	6,449				West North Central.....	19,295	25,414
West South Central.....	2,118	4,122				Missouri.....	15,987	23,070
West.....	11,456	(³)						
California.....	10,970	9,134						

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
MEN'S, YOUTHS', AND BOYS' SEPARATE DRESS AND SPORT TROUSERS (23271)—Continued			MEN'S, YOUTHS', AND BOYS' WORK CLOTHING (EXCEPT SHIRTS) AND WASHABLE SERVICE APPAREL (23282)—Continued			MEN'S, YOUTHS', AND BOYS' HEAVY OUTERWEAR COATS AND JACKETS (23291)—Continued		
South Atlantic.....	124,054	81,689	East North Central.....	53,571	53,428	East South Central.....	38,013	18,110
Maryland.....	28,619	18,649	Indiana.....	24,803	23,180	Kentucky.....	2,900	(2)
Virginia.....	15,002	11,550	Illinois.....	10,436	11,198	Tennessee.....	21,161	10,611
North Carolina.....	10,409	6,631	Michigan.....	1,865	4,720	Alabama.....	2,594	(3)
Georgia.....	62,684	40,535	West North Central.....	45,129	39,530	Mississippi.....	11,358	(3)
East South Central.....	133,390	63,021	Missouri.....	32,055	27,965	West South Central.....	10,738	9,687
Kentucky.....	4,773	5,054	South Atlantic.....	102,995	87,318	West.....	20,651	15,148
Tennessee.....	70,853	25,582	Maryland.....	4,641	4,736	Washington.....	10,731	(3)
Alabama.....	14,333	10,673	Virginia.....	27,773	25,802	California.....	6,585	6,434
Mississippi.....	43,431	21,712	North Carolina.....	20,655	19,083			
West South Central.....	102,565	28,331	Georgia.....	46,321	32,651	MEN'S AND BOYS' OUTERWEAR, N.E.C. ⁴ (23292)		
Louisiana.....	3,639	4,151	East South Central.....	139,655	115,649	United States, total...	² 333,601	² 208,755
Texas.....	94,312	21,378	Kentucky.....	34,379	20,712	New England.....	25,231	19,644
Mountain.....	3,708	1,451	Tennessee.....	66,666	59,177	New Hampshire.....	2,225	1,044
Pacific.....	32,038	27,341	Alabama.....	17,112	19,095	Massachusetts.....	18,840	15,887
California.....	22,842	21,269	Mississippi.....	21,498	16,665	Middle Atlantic.....	187,860	124,245
MEN'S, YOUTHS', AND BOYS' WORK SHIRTS (23281)			West South Central.....	81,969	67,080	New York.....	89,555	56,254
United States, total...	² 87,284	² 78,304	Louisiana.....	10,067	8,068	New Jersey.....	9,187	3,935
Northeast.....	9,196	(3)	Texas.....	61,911	49,437	Pennsylvania.....	89,118	64,056
New York.....	4,838	6,070	West.....	71,769	44,535	East North Central.....	40,815	21,372
Pennsylvania.....	2,146	4,180	MEN'S, YOUTHS', AND BOYS' HEAVY OUTERWEAR COATS AND JACKETS (23291)			Ohio.....	27,208	15,756
East North Central.....	13,214	6,934	United States, total...	² 258,695	² 212,670	Illinois.....	6,095	1,638
Indiana.....	4,850	2,900	New England.....	13,295	12,221	Michigan.....	2,896	2,132
West North Central.....	5,991	4,388	Middle Atlantic.....	102,961	104,398	Wisconsin.....	4,130	(3)
South Atlantic.....	15,871	11,601	New York.....	56,560	67,380	West North Central.....	13,170	6,675
North Carolina.....	5,125	5,625	New Jersey.....	26,323	24,486	Missouri.....	5,947	4,383
Georgia.....	9,247	4,397	Pennsylvania.....	20,078	12,532	South Atlantic.....	26,169	15,730
East South Central.....	28,160	33,012	East North Central.....	33,762	29,913	Maryland.....	2,498	(2)
Tennessee.....	19,305	20,510	Ohio.....	10,926	(NA)	North Carolina.....	8,670	4,635
West South Central.....	12,501	11,037	Illinois.....	7,906	6,236	Georgia.....	2,631	(2)
Texas.....	8,483	6,209	Wisconsin.....	7,561	6,271	Florida.....	1,850	1,850
Pacific.....	2,351	(2)	West North Central.....	26,088	16,500	East South Central.....	8,736	(3)
California.....	2,351	(2)	Minnesota.....	14,328	7,185	West South Central.....	6,040	2,403
MEN'S, YOUTHS', AND BOYS' WORK CLOTHING (EXCEPT SHIRTS) AND WASHABLE SERVICE APPAREL (23282)			South Atlantic.....	13,187	6,693	Texas.....	6,040	2,403
United States, total...	² 540,347	² 447,837	Maryland.....	1,520	(2)	West.....	25,580	(3)
New England.....	5,622	6,796	Georgia.....	9,471	4,245	Washington.....	5,140	1,923
Massachusetts.....	3,359	5,359				Oregon.....	4,844	1,102
Middle Atlantic.....	39,637	33,501				California.....	14,509	12,593
Pennsylvania.....	15,384	18,973						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not Available. (X) Not applicable. (Z) Less than \$1 million. n.e.c. Not elsewhere classified.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23111, Massachusetts, Indiana, Missouri, Virginia, Georgia, Tennessee, Alabama, Louisiana, Texas, and California; 23112, Maine, Massachusetts, Indiana, Wisconsin, Minnesota, Florida, Texas, and California; 23113, Massachusetts, Minnesota, Missouri, Virginia, Kentucky, and Louisiana; 23114, Massachusetts, Ohio, Maryland, Alabama, and California; 23212, New Hampshire, Massachusetts, Ohio, Indiana, Minnesota, Maryland, South Carolina, Kentucky, Tennessee, Alabama, and Mississippi; 23214, Maine, Massachusetts, Indiana, Illinois, Minnesota, Kansas, Virginia, Florida, Kentucky, Mississippi, Arkansas, Louisiana, Arizona, and Oregon; 23215, Indiana, Illinois, Minnesota, Virginia, Maryland, South Carolina, Florida, Mississippi, and California; 23221, Ohio, Wisconsin, Minnesota, Kentucky, Arkansas, Oklahoma, Arizona, and Utah; 23271, Illinois, Michigan, Iowa, Kansas, South Carolina, Florida, Arkansas, Oklahoma, Colorado, Washington, and Oregon; 23281, Ohio, Illinois, Missouri, Alabama, Mississippi, and Louisiana; 23282, New Hampshire, New York, New Jersey, Ohio, Wisconsin, Minnesota, Iowa, Kansas, Delaware, South Carolina, Arkansas, Oklahoma, Colorado, Arizona, Washington, and California; 23291, Massachusetts, Indiana, Michigan, Missouri, Arkansas, Texas, Utah, and Oregon; 23292, Maine, Connecticut, Minnesota, Iowa, Virginia, West Virginia, South Carolina, Tennessee, and Alabama.

²See text regarding comparability between 1963 and 1958.

³Shipments of \$1 million or more were reported but exact figures were withheld to avoid disclosure of individual company figures.

⁴For 1958 and 1963, includes production of knitting mills (SIC Group 225) which are primary to industries 2253 and 2254.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963		1958	
		Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 lin. yds.)	(\$1,000)	(1,000 lin. yds.)	(\$1,000)
		INDUSTRY 2311.—MEN'S AND BOYS' SUITS AND COATS			
	Materials, containers, and supplies, total.....	(X)	482,261	(X)	456,019
	Broad-woven fabrics, total.....	258,240	403,537	167,585	362,470
220124	Suiting and coating piece goods, excluding linings.....	127,888	333,568	(NA)	(NA)
220125	All other piece goods, including linings.....	130,352	69,969	(NA)	(NA)
225601	Knitted fabrics.....	1,854	2,902	(1)	(1)
970099	All other materials, containers, and supplies.....	(X)	43,107	(X)	70,878
976000	Materials, containers, and supplies, n.s.k.....	(X)	232,715	(X)	222,671
		INDUSTRY 2321.—MEN'S DRESS SHIRTS AND NIGHTWEAR			
	Materials, containers, and supplies, total.....	(X)	510,513	(X)	392,294
	Broad-woven fabrics, total.....	853,308	391,196	683,875	292,692
220124	Suiting and coating piece goods, excluding linings.....	23,800	21,416	(NA)	(NA)
220125	All other piece goods, including linings.....	829,508	369,780	(NA)	(NA)
225601	Knitted fabrics.....	75,084	47,006	(X)	(1)
970099	All other materials, containers, and supplies.....	(X)	48,702	(X)	179,570
976000	Materials, containers, and supplies, n.s.k.....	(X)	223,609	(X)	220,032
		INDUSTRY 2322.—MEN'S AND BOYS' UNDERWEAR			
	Materials, containers, and supplies, total.....	(X)	69,756	(X)	54,426
	Broad-woven fabrics, total.....	69,454	21,083	82,087	24,584
220124	Suiting and coating piece goods, excluding linings.....	513	677	82,087	24,584
220125	All other piece goods, including linings.....	68,941	20,406		
225601	Knitted fabrics.....	76,064	34,789	(X)	29,241
970099	All other materials, containers, and supplies.....	(X)	12,431		
976000	Materials, containers, and supplies, n.s.k.....	(X)	21,453	(X)	2601
		1963 ³			
		Quantity		Delivered cost	
		(1,000 lin. yds.)		(\$1,000)	
		INDUSTRY 2323.—MEN'S AND BOYS' NECKWEAR			
	Materials, containers, and supplies, total.....	(X)		51,969	
220126	Broad-woven fabrics, total.....	94,644		30,310	
220124	Suiting and coating piece goods, excluding linings.....	(X)		(X)	
220125	All other piece goods, including linings.....	(X)		(X)	
225601	Knitted fabrics.....	841		663	
970099	All other materials, containers, and supplies.....	(X)		4,746	
976000	Materials, containers, and supplies, n.s.k.....	(X)		216,250	
		1963		1958	
		Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 lin. yds.)	(\$1,000)	(1,000 lin. yds.)	(\$1,000)
		INDUSTRY 2327.—SEPARATE TROUSERS			
	Materials, containers, and supplies, total.....	(X)	325,870	(X)	186,985
	Broad-woven fabrics, total.....	321,472	265,925	162,151	144,946
220124	Suiting and coating piece goods, excluding linings.....	52,988	65,137	162,151	144,946
220125	All other piece goods, including linings.....	268,484	200,788		
225601	Knitted fabrics.....	1,032	922	(X)	31,166
970099	All other materials, containers, and supplies, consumed.....	(X)	34,471		
973000	Materials, containers, and supplies, n.s.k.....	(X)	224,552	(X)	210,873

See footnotes at end of table.

TABLE 7A Materials by Kind: 1963 and 1958—Continued

Code	Material	1963		1958		1963		1958	
		Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)
		INDUSTRY 2328.—WORK CLOTHING				INDUSTRY 2329.—MEN'S AND BOYS' CLOTHING, N.E.C.			
	Materials, containers, and supplies, total.....	(X)	397,077	(X)	350,505	(X)	178,433	(X)	165,119
	Broad-woven fabrics, total.....	577,406	325,438	609,984	304,925	137,108	121,996	150,390	111,418
220124	Suiting and coating piece goods, excluding linings.....	52,466	34,507	609,984	304,925	50,180	58,277	150,390	111,418
220125	All other piece goods, including linings..	524,940	290,931			86,928	63,719		
225601	Knitted fabrics.....	1,616	744	(X)	33,992	29,107	15,892	(X)	40,017
970099	All other materials, containers, and supplies	(X)	58,761			(X)	23,953		
976000	Materials, containers, and supplies, n.s.k..	(X)	² 12,134	(X)	² 11,588	(X)	² 16,592	(X)	² 13,684

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹ Separate data for knitted fabrics were not collected in 1958 but are included in code 970099, All other materials, containers, and supplies.

² Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested, and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

³ Data for 1958 are not available.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Men's and boys' suits and coats (SIC 2311)	Men's dress shirts and nightwear (SIC 2321)	Men's and boys' underwear (SIC 2322)	Men's and boys' neckwear (SIC 2323)	Separate trousers (SIC 2327)	Work clothing (SIC 2328)	Men's and boys' clothing, n.e.c. (SIC 2329)
Total cost of purchased fuels and electric energy.....\$1,000..	6,321	4,218	720	415	2,804	1,949	1,831
Total cost of purchased fuels.....do....	2,543	1,346	293	77	932	694	517
Bituminous coal, lignite, and anthracite:							
Quantity.....1,000 short tons..	25	19	(S)	-	(S)	13	(S)
Cost.....\$1,000..	253	138	(S)	-	(S)	72	(S)
Coke and breeze:							
Quantity.....1,000 short tons..	(S)	-	(S)	-	-	-	-
Cost.....\$1,000..	(S)	-	(S)	-	-	-	-
Fuel oil (distillate and residual):							
Quantity.....1,000 barrels of 42 gallons..	168	87	31	(S)	37	22	12
Cost.....\$1,000..	689	407	124	(S)	185	107	57
Gas (natural, manufactured, still, blast furnace, and coke oven):							
Quantity.....million cu.ft..	868	396	138	(S)	608	431	(S)
Cost.....\$1,000..	559	251	84	(S)	354	260	(S)
Other fuels.....do....	1,007	550	51	(S)	298	255	155
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	192	149	25	(S)	101	61	70
Cost.....\$1,000..	3,778	2,872	427	(S)	1,872	1,255	1,314
Generated less sold.....million kw.-hrs..	(S)	-	(S)	-	-	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	25	-	-	-	-	-	-
Prime movers, total.....do....	3	-	-	-	-	-	-
Driving generators.....do....	2	-	-	-	-	-	-
Not driving generators.....do....	1	-	-	-	-	-	-
Electric motors, total.....do....	22	-	-	-	-	-	-
Driven by purchased energy.....do....	22	-	-	-	-	-	-
Driven by energy generated at establishment.....do....	(Z)	-	-	-	-	-	-
Aggregate horsepower per 100 production workers.....	23	-	-	-	-	-	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2311-11	MEN'S AND BOYS' SUITS AND COATS—MANUFACTURERS										
	Entire subindustry.....	444	61,864	255,305	54,392	99,393	202,173	474,389	317,014	772,997	3,581
	Establishments with—										
	90% or more specialization	362	49,090	205,913	43,388	79,286	165,797	395,400	253,733	631,996	2,946
	75-89% specialization.....	31	6,503	26,322	5,699	10,442	20,333	38,878	28,461	66,973	312
23111-11	Men's suits—manufacturers (primary product class of estab.)..	165	47,444	202,591	41,873	77,018	162,213	382,843	241,428	605,572	2,578
	Establishments with—										
	90% or more specialization..	54	3,156	13,522	2,818	5,406	10,936	30,722	17,284	47,757	209
	75-89% specialization.....	42	22,379	98,254	20,233	36,354	80,055	191,469	113,788	289,009	1,524
23112-11	Men's overcoats and topcoats—manufacturers (primary product class of estab.).....	48	5,485	22,255	4,713	8,258	15,954	38,738	31,276	69,553	362
	Establishments with—										
	90% or more specialization..	26	3,099	11,882	2,727	4,599	9,097	21,613	14,579	35,772	225
	75-89% specialization.....	4	339	1,351	297	605	947	3,222	3,014	6,390	24
23113-11	Men's tailored dress and sport coats and jackets—manufacturers (primary product class of estab.).....	41	2,478	9,019	2,210	4,012	7,258	13,323	11,092	24,843	144
	Establishments with—										
	90% or more specialization..	20	827	3,060	739	1,337	2,483	4,752	3,258	7,972	61
	75-89% specialization.....	4	348	1,349	331	622	1,182	2,237	2,095	4,410	27
23114-11	Boys' suits, coats, and tailored jackets—manufacturers (primary product class of estab.).....	30	3,959	13,251	3,522	6,277	10,182	23,292	19,383	42,925	229
	Establishments with—										
	90% or more specialization..	14	1,079	3,889	1,004	1,810	3,182	5,466	4,810	10,498	62
2311-22	MEN'S AND BOYS' SUITS AND COATS—JOBBER'S										
	Entire subindustry.....	236	11,246	63,345	7,283	14,008	33,422	141,900	374,161	513,591	973
	Establishments with—										
	90% or more specialization	182	8,719	51,044	5,776	11,304	27,607	106,110	288,164	392,683	838
	75-89% specialization.....	26	1,736	8,377	1,076	1,917	3,862	23,278	54,353	77,434	83
23111-22	Men's suits—jobbers (primary product class of estab.).....	138	8,881	50,107	5,811	11,278	26,632	103,615	270,242	371,410	724
	Establishments with—										
	90% or more specialization..	54	654	4,530	355	742	2,130	12,208	31,350	43,234	123
	75-89% specialization.....	32	1,762	9,888	1,025	1,859	4,586	26,089	87,513	113,150	258
23112-22	Men's overcoats and topcoats—jobbers (primary product class of estab.).....	15	149	1,333	69	142	399	3,295	8,510	11,533	19
	Establishments with—										
	90% or more specialization..	8	105	1,000	49	99	284	2,296	5,410	7,493	10
23113-22	Men's tailored dress and sport coats and jackets—jobbers (primary product class of estab.).....	29	956	5,475	588	1,156	2,835	16,191	40,215	56,821	167
	Establishments with—										
	90% or more specialization..	11	285	1,792	135	270	704	5,180	14,452	19,563	(D)
	75-89% specialization.....	6	142	956	67	131	466	2,686	6,405	9,296	12
23114-22	Boy's suits, coats, and tailored jackets—jobbers (primary product class of estab.).....	38	827	4,156	464	832	1,960	13,247	38,140	51,017	46
	Establishments with—										
	90% or more specialization..	20	465	2,671	304	510	1,346	7,198	23,791	31,158	37

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2321-11	MEN'S DRESS SHIRTS AND NIGHTWEAR—MANUFACTURERS										
	Entire subindustry.....	392	55,131	161,223	50,959	92,896	139,176	354,882	402,301	744,325	4,656
	Establishments with—										
	90% or more specialization	325	39,817	113,792	36,927	66,642	99,427	243,399	228,972	462,764	3,243
	75-89% specialization.....	12	2,788	9,058	2,471	4,899	7,904	19,753	23,396	41,235	228
23212-11	Men's, youths', and boys' knit outerwear sport shirts—manufacturers (primary product class of estab.).....	42	4,922	13,812	4,604	8,336	11,684	24,508	30,272	54,328	273
	Establishments with—										
	90% or more specialization..	31	2,347	6,099	2,214	4,150	5,296	12,124	12,100	24,002	173
23214-11	Men's, youths', and boys' woven dress and sport shirts—manufacturers (primary product class of estab.).....	207	40,461	121,443	36,927	67,295	103,141	284,343	330,185	603,703	3,693
	Establishments with—										
	90% or more specialization..	164	29,633	86,916	27,565	49,465	75,991	189,016	170,761	351,782	2,699
	75-89% specialization.....	12	3,490	10,860	2,967	5,876	9,485	27,515	29,362	55,101	222
23215-11	Men's and boys' nightwear—manufacturers (primary product class of estab.).....	23	4,121	10,862	3,938	7,213	9,691	20,916	24,638	44,062	194
	Establishments with—										
	90% or more specialization..	17	2,879	7,499	2,779	5,093	6,939	14,805	18,563	31,890	151
2321-22	MEN'S DRESS SHIRTS AND NIGHTWEAR—JOBBER										
	Entire subindustry.....	134	2,731	20,479	282	635	1,098	66,105	291,171	352,199	476
	Establishments with—										
	90% or more specialization	123	3,347	16,680	2,033	3,990	5,967	47,543	204,306	250,375	295
	75-89% specialization.....	11	1,542	6,044	1,236	2,540	2,979	25,865	59,688	84,190	402
23214-22	Men's, youths', and boys' woven dress and sport shirts—jobbers (primary product class of estab.).....	120	5,503	25,425	3,466	6,795	9,455	67,611	259,198	323,450	667
	Establishments with—										
	90% or more specialization..	97	2,821	13,205	1,888	3,682	5,417	35,997	150,787	184,601	263
	75-89% specialization.....	10	1,649	6,390	1,235	2,538	2,976	22,637	65,208	88,265	353
23215-22	Men's and boys' nightwear—jobbers (primary product class of estab.).....	11	162	1,786	-	-	-	11,488	27,765	37,967	77
2322-11 and 22 ¹	MEN'S AND BOYS' UNDERWEAR—MANUFACTURERS AND JOBBER										
23221-11 and 22 ¹	Men's and boys' underwear—manufacturers and jobbers (primary product class of estab.).....	61	10,175	27,720	9,530	17,588	23,918	56,532	74,016	127,468	1,021
	Establishments with—										
	90% or more specialization..	45	7,117	19,230	6,658	12,231	16,301	40,724	50,706	89,733	794
2327-11	SEPARATE TROUSERS—MANUFACTURERS										
	Entire subindustry.....	294	33,662	101,296	30,760	57,496	82,537	191,898	219,205	404,888	3,773
	Establishments with—										
	90% or more specialization	244	20,980	62,888	19,139	35,033	51,107	111,639	128,098	236,136	2,504
	75-89% specialization.....	9	1,134	3,109	982	1,838	2,290	4,867	3,456	8,062	54
23271-11	Men's, youths', and boys' separate dress and sport trousers—manufacturers (primary product class of estab.).....	185	28,231	86,869	25,672	47,979	69,726	157,620	184,655	336,018	3,387
	Establishments with—										
	90% or more specialization..	141	16,898	51,396	15,407	28,487	41,589	91,313	108,214	196,548	2,075
	75-89% specialization.....	12	2,329	7,270	2,043	3,795	5,413	12,174	14,245	25,993	314

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2327-22	SEPARATE TROUSERS—JOBBERs										
	Entire subindustry.....	144	3,446	18,142	2,055	4,056	7,009	52,889	208,727	258,733	345
	Establishments with—										
	90% or more specialization	121	2,191	12,092	1,257	2,516	4,456	39,923	155,606	193,354	261
	75-89% specialization.....	5	113	576	47	80	142	1,852	10,035	11,808	2
23271-22	Men's, youths, and boys' separate dress and sport trousers—jobbers (primary product class of estab.).....	133	3,269	17,317	1,966	3,800	6,500	49,423	197,828	243,367	334
2328-11	WORK CLOTHING—MANUFACTURERS										
	Entire subindustry.....	266	37,720	109,318	34,816	63,640	90,923	196,414	278,630	474,228	3,721
	Establishments with—										
	90% or more specialization	198	22,717	67,133	20,921	38,478	55,413	112,368	170,215	284,473	2,733
	75-89% specialization.....	19	4,142	11,819	3,891	6,889	10,151	22,108	33,207	54,818	363
23281-11	Men's, youths', and boys' work shirts—manufacturers (primary product class of estab.).....	17	2,545	7,056	2,451	4,714	6,366	11,456	15,886	26,812	161
	Establishments with—										
	90% or more specialization..	10	1,513	4,272	1,451	2,762	3,738	6,778	9,916	16,430	66
23282-11	Men's, youths', and boys' work clothing (excluding shirts) and washable service apparel—manufacturers (primary product class of estab.).....	209	33,667	98,019	30,932	56,262	80,603	178,313	253,764	431,617	3,503
	Establishments with—										
	90% or more specialization..	120	14,481	41,619	13,540	24,882	35,578	65,924	112,411	181,700	2,148
	75-89% specialization.....	26	5,036	16,168	4,497	7,885	12,423	29,224	40,277	68,388	354
2328-22	WORK CLOTHING—JOBBERs										
	Entire subindustry.....	36	4,688	17,591	3,454	6,587	10,101	65,066	213,431	271,781	1,293
	Establishments with—										
	90% or more specialization	19	1,798	7,354	1,161	2,166	3,457	25,632	69,818	95,551	1,109
	75-89% specialization.....	4	286	932	251	491	776	5,615	14,841	19,254	35
2329-11	MEN'S AND BOYS' CLOTHING, N.E.C.—MANUFACTURERS										
	Entire subindustry.....	317	21,412	70,016	19,154	34,119	54,978	113,454	145,949	256,485	1,645
	Establishments with—										
	90% or more specialization	225	11,611	38,048	10,281	18,217	29,514	59,774	68,968	127,552	998
	75-89% specialization.....	21	2,656	8,427	2,315	4,039	6,614	12,738	16,542	29,361	148
23291-11	Men's, youths', and boys' heavy outerwear coats and jackets—manufacturers (primary product class of estab.).....	125	12,789	41,097	11,390	19,937	31,202	64,004	89,572	152,385	807
	Establishments with—										
	90% or more specialization..	82	6,275	20,132	5,510	9,797	15,237	32,049	38,846	70,368	451
	75-89% specialization.....	16	2,108	6,874	1,797	3,013	4,928	11,113	13,672	24,666	126
23292-11	Men's, youths', and boys' outerwear, n.e.c.—manufacturers (primary product class of estab.).....	116	7,441	25,304	6,666	12,129	20,471	43,313	49,735	91,468	769
	Establishments with—										
	90% or more specialization..	67	3,510	11,947	3,130	5,605	9,770	18,689	17,992	36,306	360
	75-89% specialization.....	10	1,105	3,414	1,013	1,781	2,862	4,081	6,463	10,494	94
2329-22	MEN'S AND BOYS' CLOTHING, N.E.C.—JOBBERs										
	Entire subindustry.....	66	1,327	7,198	836	1,649	3,126	18,264	67,907	86,240	246
	Establishments with—										
	90% or more specialization	48	509	3,786	176	378	962	10,951	48,700	59,570	121
	75-89% specialization.....	4	267	1,225	214	453	705	1,988	4,131	6,043	76

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2329-22	MEN'S AND BOYS' CLOTHING, N.E.C.—JOBBERs—Continued										
23291-22	Men's, youths', and boys' heavy outerwear coats and jackets—jobbers (primary product class of estab.).....	44	1,187	6,391	762	1,478	2,793	15,469	59,973	75,715	230
	Establishments with—90% or more specialization..	31	421	3,092	141	275	773	8,743	41,410	50,260	113
23292-22	Men's, youths', and boys' outerwear, n.e.c.—jobbers (primary product class of estab.).....	14	128	724	69	160	295	2,422	6,592	8,821	10

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Data for manufacturers and jobbers are combined to prevent disclosure of information for individual companies.

WOMEN'S AND MISSES' OUTERWEAR

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2331—Blouses, Waists, and Shirts

2335—Dresses

2337—Suits, Skirts, and Coats, Except Fur Coats and Raincoats

2339—Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the census of business.

Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, do maintain the cutting operation within their own establishments; only the final actual processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2 to 4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multiplant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others"; the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are described in the trade, where contractors are usually thought of as independently owned establishments.

2331—BLOUSES, WAISTS, AND SHIRTS

This industry comprises establishments primarily engaged in manufacturing womens', misses', and juniors' blouses, waists, and shirts from purchased woven or knit fabrics. Establishments making knit outerwear shirts from yarns knit in the same establishment are classified in industry 2253, Knit Outerwear Mills. For a detailed list of products of industry 2331, refer to table 6A, product codes 2331244 to 2331710.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in tables 6 or in the industry's value of shipments or value added by manufacture data shown in tables 1 to 4.

Value of shipments and other receipts of the Blouse Industry in 1963 totaled \$610 million. This amount included shipments of women's blouses (primary products) valued at \$386 million, shipments of other products (secondary products) valued at \$65 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$160 million.

This industry's shipments of women's blouses and knit outerwear shirts (made from purchased knit fabric) in 1963 represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of women's suits, coats, and skirts (\$18 million); women's dresses (\$12 million); women's outerwear, n.e.c. (\$11 million); men's dress shirts and nightwear (\$11 million); and children's blouses and dresses (\$7 million).

Women's, misses', and juniors' knit outerwear shirts made in knitting mills are classified as primary products of industry 2253, Knit Outerwear Mills, while the production of women's, misses', and juniors' knit shirts cut and sewed from purchased knit fabric is included in industry 2331. In order to show the total value of women's, misses', and juniors' knit outerwear shirts made by all industries (regardless of the method of production), combined values for the 2253--- and 23312-- products are given in tables 5 and 6A. Using the combined figure of \$563 million of women's, misses', and juniors' blouses and knit outerwear shirts as the base, industry 2331 production of women's, misses', and juniors' blouses and knit outerwear shirts in 1963 accounted for 69 percent of the total dollar value of these products. Other industries shipping women's blouses of woven fabric (primary products) consisted mainly of industry 2321, Men's Dress Shirts and Nightwear, \$33 million; industry 2335, Dresses, \$26 million; industry 2337, Women's Suits, Coats, and Skirts, \$43 million; and industry 2339, Women's Outerwear, N.E.C., \$32 million.

The lower coverage ratio in 1963 compared with the 1958 figure primarily results from product diversification by apparel producers traditionally involved in producing only one type of garment, such as the producers in industry 2321, Men's Dress Shirts and Nightwear, who are now producing both men's and women's garments.

The production index for the primary products of the industry increased to 142 in 1963 from the 1958 level of 112. The unit value index for 1963 was 108 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

2335—DRESSES

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' dresses, including ensemble dresses, whether sold by the piece or by the dozen. For a detailed list of products of industry 2335, refer to table 6A, product codes 2335110 to 2335210.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in tables 6 or in the industry's value of shipments or value added data shown in tables 1 to 4.

Value of shipments and other receipts of the Dress Industry in 1963 totaled \$2,411 million. This amount included shipments of women's, misses', and juniors' dresses (primary products) valued at \$1,886 million, shipments of other products (secondary products) valued at \$69 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$456 million.

This industry's shipments of women's, misses', and juniors' dresses in 1963 represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was 97 percent. Secondary products shipped by this industry in 1963 consisted mainly of women's, misses', and juniors' blouses, waists, and shirts (\$26 million); women's, misses', and juniors' suits (\$16 million); and women's, misses', and juniors' skirts (\$8 million).

Shipments of women's, misses', and juniors' dresses by this industry in 1963 represented 96 percent of all shipments of these products (\$1,962 million) by all industries. In 1958 the coverage ratio was 98 percent. Other industries shipping women's, misses', and juniors' dresses consisted mainly of industry 2331, Blouses, \$12 million; industry 2337, Women's Suits, Coats, and Skirts, \$40 million; and industry 2339, Women's Outerwear, N.E.C.

The production index for the primary products of the industry increased to 121 in 1963 from the 1958 level of 108. The unit value index for 1963 was 99 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

2337—SUITS, SKIRTS, AND COATS, EXCEPT FUR COATS AND RAINCOATS

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' suits, skirts, and coats, except fur coats and raincoats. Establishments primarily engaged in manufacturing fur garments are classified in industry 2371, raincoats in industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in industry 2253. For a detailed list of products of industry 2337, refer to table 6A, product codes 2337111 to 2337420.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally

available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments and value added by manufacture shown in tables 1 to 4.

Value of shipments and other receipts of the Women's Suits, Skirts, and Coats Industry in 1963 totaled \$1,523 million. This amount included shipments of women's, misses', and juniors' suits, skirts, and coats (primary products) valued at \$1,154 million, shipments of other products (secondary products) valued at \$154 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$215 million.

This industry's shipments of suits, skirts, and coats in 1963 represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of women's, misses', and juniors' outerwear, n.e.c. (\$50 million), and women's, misses', and juniors' blouses (\$43 million).

Shipments of suits, skirts, and coats, except fur coats and raincoats, by this industry in 1963 represented 92 percent of all shipments of these products (\$1,256 million) by all industries. In 1958 the coverage ratio was 93 percent. Other industries shipping women's, misses', and juniors' suits, coats, and skirts consisted mainly of industry 2339, Women's Outerwear, N.E.C., \$24 million; and industry 2331, Blouses, \$18 million.

The production index for the primary products of the industry increased to 117 in 1963 from the 1958 level of 99. The unit value index for 1963 was 95 compared to 96 in 1958. Both indexes were computed on a basis of 1954 = 100.

2339—WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. For a detailed list of products of industry 2339, refer to table 6A, product codes 2339211 to 2339349.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in 1958. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4.

Value of shipments and other receipts of the Women's Outerwear, N.E.C., Industry in 1963 totaled \$786 million. This amount included shipments of women's, misses', and juniors' outerwear, n.e.c. (primary products) valued at \$517 million, shipments of other products (secondary products) valued at \$129 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$140 million.

This industry's shipments of women's outerwear, n.e.c., in 1963 represented 80 percent of its total product shipments. The industry specialization ratio in 1958 was 81 percent. Secondary products shipped by this industry in 1963 consisted mainly of women's, misses', and juniors' blouses, waists, and skirts (\$32 million), and women's, misses', and juniors' skirts and jackets (\$24 million).

Women's, misses', and juniors' knit sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of industry 2253, Knit Outerwear Mills, while women's, misses', and juniors' knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in industry 2339. In order to show the total dollar value of women's, misses', and juniors' outerwear, n.e.c., made by all industries (regardless of the method of production), combined values for the 2253--- and 2339--- products are shown in tables 5 and 6A. Using the combined figure of \$933 million of women's, misses', and juniors' outerwear, n.e.c. (knit and woven), made by all industries as the base, industry 2339 production of women's, misses', and juniors' outerwear, n.e.c., in 1963 accounted for 55 percent of the total dollar value of these products. Other industries shipping women's, misses', and juniors' knit outerwear, n.e.c., consisted mainly of industry 2337, Women's Suits, Coats, and Skirts, \$51 million; and industry 2328, Work Clothing, \$27 million.

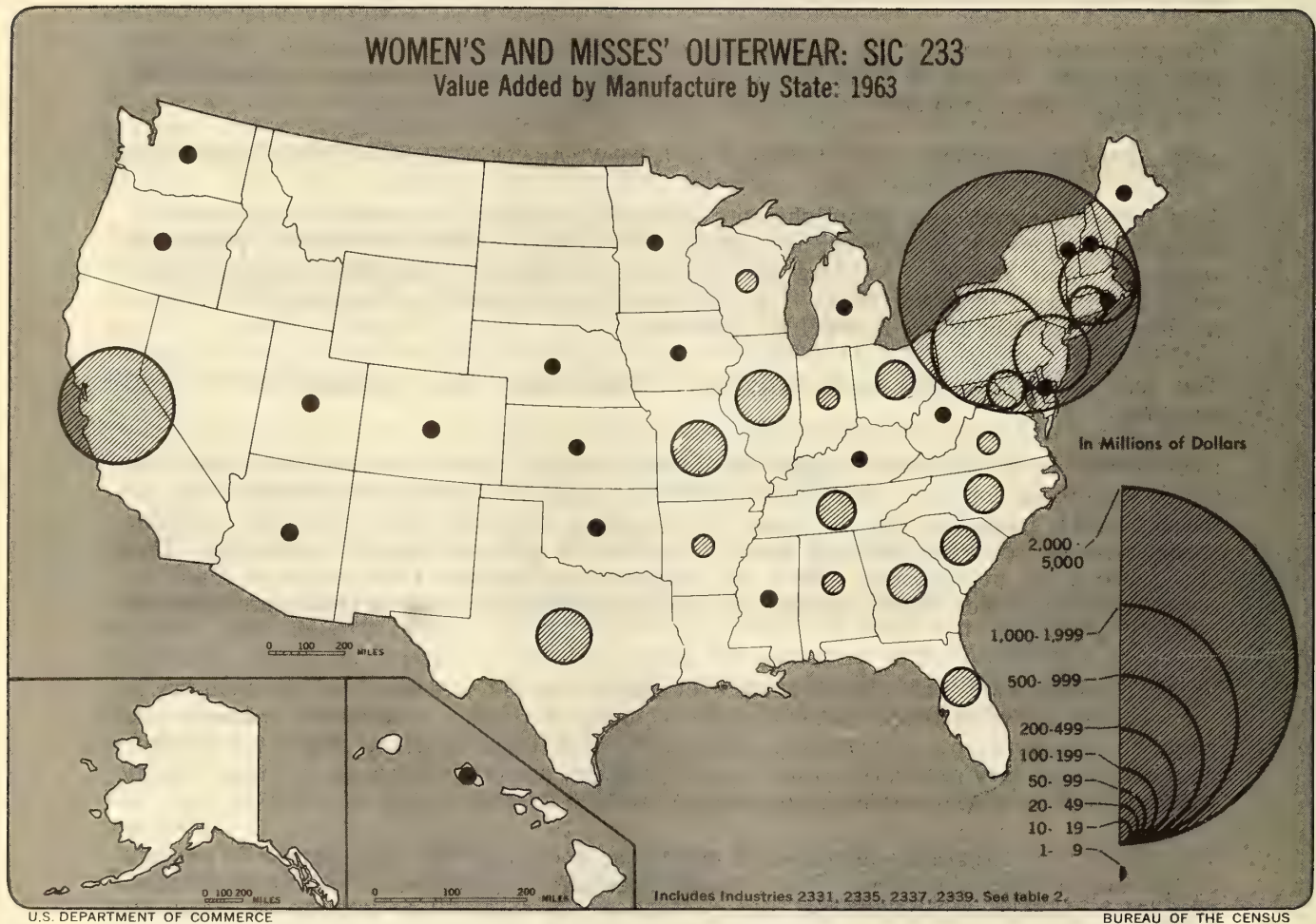


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹	Cost of materials	Value of shipments ¹	Capital expend- itures, new	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
INDUSTRY 2331.—BLOUSES														
1963.....	1,130	1,175	718	57,595	177,929	52,099	92,742	145,617	300,525	312,739	610,185	4,418	86	69
1962 ²	(NA)	(NA)	(NA)	(48,304)	(154,267)	(42,505)	(75,514)	(125,685)	(293,246)	(297,462)	(586,823)	(4,375)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(44,713)	(127,850)	(39,597)	(67,111)	(102,683)	(255,634)	(283,619)	(533,621)	(1,794)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958 (New SIC) ³	1,246	1,260	735	47,484	125,581	41,867	72,572	98,251	200,164	253,185	454,103	2,277	89	78
1958 (Old SIC) ³	(NA)	1,236	722	46,317	121,341	41,089	71,204	95,897	189,265	227,532	417,769	2,237	(NA)	(NA)
1957 ²	(NA)	(NA)	(NA)	45,471	108,204	41,561	70,982	88,613	182,626	246,126	422,977	(S)	92	83
1956 ²	(NA)	(NA)	(NA)	44,655	104,827	40,911	69,824	86,350	183,779	227,845	405,666	(S)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	44,930	103,729	41,172	70,462	85,674	184,034	225,126	399,575	(S)	(NA)	(NA)
1954 ⁴	1,233	1,245	700	42,980	99,818	39,567	67,901	82,201	165,913	211,332	377,353	2,445	93	85
1953 ²	(NA)	(NA)	(NA)	43,008	110,168	39,515	69,785	86,092	186,795	203,151	389,946	(S)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	36,795	85,034	33,435	63,092	69,947	157,692	192,570	350,262	(S)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	35,532	84,481	31,534	60,928	67,426	139,716	188,749	328,465	(S)	(NA)	(NA)
1947 ⁴	1,356	1,362	(NA)	32,883	67,667	30,066	(NA)	54,332	123,928	152,647	276,575	2,150	93	85
1939 ⁴	(NA)	302	(NA)	10,950	10,164	9,673	(NA)	7,392	16,853	24,878	41,731	(NA)	(NA)	(NA)
1937 ⁴	(NA)	192	(NA)	6,983	6,146	6,404	(NA)	5,011	12,300	16,920	29,220	(NA)	(NA)	(NA)
1935 ⁴	(NA)	224	(NA)	6,971	6,294	6,372	(NA)	5,140	11,241	17,578	28,819	(NA)	(NA)	(NA)
INDUSTRY 2335.—DRESSES														
1963.....	4,577	4,752	3,013	200,003	686,818	177,149	306,261	543,656	1,180,883	1,233,301	2,410,972	12,699	96	96
1962 ²	(NA)	(NA)	(NA)	185,084	623,751	162,109	281,387	472,711	1,101,685	1,191,324	2,278,930	7,677	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	192,814	610,115	169,982	295,139	471,243	1,050,318	1,131,974	2,169,766	5,860	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	195,405	613,263	171,343	295,020	475,277	1,042,338	1,166,342	2,194,424	5,375	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	197,493	621,592	173,308	318,522	482,431	1,027,827	1,165,436	2,201,414	(NA)	(NA)	(NA)
1958.....	4,502	4,653	2,899	184,717	587,976	160,972	279,895	451,817	970,963	1,072,733	2,043,422	9,436	97	98
1957 ²	(NA)	(NA)	(NA)	201,401	606,649	180,181	310,713	466,122	991,806	1,193,144	2,181,639	(S)	(NA)	(NA)
1956 ²	(NA)	(NA)	(NA)	203,868	604,547	183,407	320,472	470,267	980,073	1,161,260	2,130,892	(S)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	201,396	561,720	181,715	313,963	442,191	916,141	1,090,558	1,988,789	(S)	(NA)	(NA)
1954 ⁴	(NA)	5,006	(NA)	197,785	545,853	178,969	309,406	434,956	869,858	1,039,900	1,911,837	7,435	(NA)	(NA)
1953 ²	(NA)	(NA)	(NA)	199,828	571,274	179,839	308,942	444,650	900,724	1,025,722	1,926,446	(S)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	184,281	520,033	163,292	283,386	403,127	820,405	1,086,860	1,907,265	(S)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	176,160	474,655	154,379	264,443	361,992	763,329	974,674	1,738,003	(S)	(NA)	(NA)
1947 ⁴	(NA)	5,122	(NA)	182,369	462,301	162,486	(NA)	364,271	764,462	943,353	1,707,815	(NA)	(NA)	(NA)
1939 ⁴	(NA)	3,658	(NA)	162,069	175,099	142,532	(NA)	132,407	266,856	353,103	619,959	(NA)	(NA)	(NA)
1937 ⁴	(NA)	2,904	(NA)	134,568	140,687	124,380	(NA)	116,301	241,649	317,061	558,710	(NA)	(NA)	(NA)
INDUSTRY 2337.—WOMEN'S SUITS, COATS AND SKIRTS														
1963.....	2,481	2,516	1,380	83,332	361,001	75,472	133,604	271,450	637,869	886,963	1,522,725	12,334	88	92
1962 ²	(NA)	(NA)	(NA)	79,020	331,557	68,682	122,113	245,989	555,957	762,560	1,322,312	(6,462)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	78,536	308,109	68,406	120,559	229,600	538,683	702,145	1,240,614	(4,248)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	81,777	302,642	70,308	121,088	222,328	513,880	707,171	1,222,285	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	83,059	306,439	71,246	123,805	229,449	515,331	726,471	1,241,653	(S)	(NA)	(NA)
1958.....	2,653	2,683	1,350	84,145	309,671	70,651	123,278	229,374	514,901	717,506	1,233,227	6,984	93	93
1957 ²	(NA)	(NA)	(NA)	100,754	359,270	87,225	154,063	276,428	615,687	835,578	1,439,518	(S)	(NA)	(NA)
1956 ²	(NA)	(NA)	(NA)	100,602	349,172	87,056	153,018	267,890	580,343	813,641	1,394,510	(S)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	98,021	332,527	85,874	150,172	257,714	555,448	769,253	1,312,496	4,529	(NA)	(NA)
1954 ⁴	3,178	3,204	1,476	96,022	326,933	84,410	147,479	252,312	531,574	739,834	1,272,030	3,621	94	93
1947 ⁴	(6)	2,972	(6)	82,721	282,907	72,921	(NA)	228,268	477,360	615,447	1,092,807	(NA)	(6)	(6)
1939 ⁴	(NA)	1,966	(NA)	52,468	72,628	45,453	(NA)	56,417	117,358	196,640	313,998	(NA)	(NA)	(NA)
1937 ⁴	(NA)	1,767	(NA)	44,707	63,681	39,613	(NA)	51,712	117,506	203,714	321,220	(NA)	(NA)	(NA)
1935 ⁴	(NA)	1,703	(NA)	37,816	53,538	33,237	(NA)	43,085	93,167	162,268	255,435	(NA)	(NA)	(NA)
INDUSTRY 2339.—WOMEN'S OUTERWEAR, N.E.C.														
1963.....	1,252	1,297	709	59,536	200,246	51,407	93,972	151,362	340,462	443,180	785,958	7,015	80	55
1962 ²	(NA)	(NA)	(NA)	53,903	174,774	46,037	83,887	125,319	303,150	385,995	681,953	6,399	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	49,890	155,459	42,950	77,950	111,633	268,009	342,866	607,017	(4,916)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	51,463	155,920	44,696	81,709	113,248	266,865	338,244	603,747	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	47,905	145,430	41,394	76,506	105,387	261,936	337,190	597,198	(S)	(NA)	(NA)
1958 ⁷	1,119	1,167	562	44,146	132,013	37,696	68,999	96,918	229,368	282,662	509,569	3,577	81	52

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: For 1954-1963 figures represent adjusted value added, which is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net changes in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For 1954-1962, however, value of production rather than value of shipments was collected for Industries 2331, 2335, 2337, and 2339. In computing adjusted value added based on value of production for these years for the industries specified, the net change of only work-in-process is included. For earlier years, figures represent unadjusted value added. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1958 and prior years, except 1929, the figures represent value of production rather than shipments.

Footnotes continued on next page.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Footnotes for Table 1--23B--Continued

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry.

⁴Data for Alaska and Hawaii are not included.

⁵Comparable data for earlier years are not available.

⁶Not available due to significant revisions in the 1947 classification of plants and products in this industry.

⁷A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification. Accordingly, the data for 1958-1963 are not comparable with those for earlier years.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2331.—BLOUSES ³													
Total.....	1,175	718	57,595	177,929	52,099	92,742	145,617	300,525	312,739	610,185	4,418	47,484	200,164
New England.....	65	39	2,324	6,744	2,110	3,666	5,671	9,707	5,220	15,060	90	2,742	9,805
Massachusetts.....	49	25	1,468	4,439	1,311	2,258	3,647	6,800	4,575	11,474	60	(4)	(4)
Connecticut.....	10	8	566	1,628	528	948	1,413	2,124	572	2,714	18	782	2,825
Middle Atlantic.....	769	469	31,197	100,502	28,181	48,769	80,793	181,043	225,913	404,344	2,170	31,067	139,134
New York.....	456	208	11,360	44,496	9,554	16,844	30,163	92,976	165,074	255,973	854	14,561	83,227
New Jersey.....	50	36	2,210	6,258	2,075	3,492	5,831	9,912	7,951	18,152	96	2,258	8,651
Pennsylvania.....	263	225	17,627	49,748	16,552	28,433	44,799	78,155	52,888	130,219	1,220	14,248	47,256
East North Central..	23	14	1,330	5,240	1,120	2,047	3,438	9,346	9,206	18,075	73	1,604	7,823
Illinois.....	12	8	551	1,832	499	886	1,518	2,491	1,863	4,318	24	772	3,630
West North Central..	14	10	1,373	4,547	1,168	2,146	3,584	7,024	5,015	11,787	78	812	3,049
Missouri.....	9	7	1,098	3,588	943	1,664	2,767	5,264	2,681	7,784	54	(4)	(4)
South Atlantic.....	73	64	9,696	27,010	8,838	16,612	23,334	38,852	16,667	55,098	1,010	5,077	16,152
North Carolina.....	7	6	793	2,083	769	1,579	1,980	2,802	1,687	4,474	46	603	2,196
South Carolina.....	21	21	4,265	11,624	3,775	7,404	10,095	15,478	3,934	19,442	581	2,210	6,289
Georgia.....	9	9	1,518	3,965	1,394	2,370	3,398	5,991	3,407	9,019	177	880	2,394
Florida.....	11	6	501	1,386	461	821	1,245	2,461	942	3,407	36	150	706
East South Central..	28	25	4,767	12,311	4,498	8,418	11,074	16,119	8,293	25,896	418	1,053	2,414
Kentucky.....	9	9	781	2,023	749	1,349	1,841	2,677	347	3,027	35	(4)	(4)
Tennessee.....	9	8	2,855	7,511	2,689	5,176	6,642	9,319	6,915	17,689	214	(4)	(4)
Alabama.....	6	5	708	1,710	652	1,141	1,603	2,800	927	3,725	143	291	507
Mississippi.....	4	3	423	1,067	408	752	988	1,323	104	1,455	26	(4)	(4)
West South Central..	16	14	2,161	6,111	1,839	3,603	4,701	9,221	8,509	17,135	263	1,379	4,311
Mountain.....	4	3	425	1,071	406	695	949	1,487	90	1,589	(D)	3,750	17,478
Pacific.....	183	80	4,322	14,393	3,939	6,786	12,073	27,726	33,826	61,201	(D)	3,472	16,235
California.....	176	79	4,267	14,201	3,888	6,701	11,926	27,410	33,603	60,664	(D)		
Subindustry 2331-11.—Blouses—MANUFACTURERS													
Total.....	171	92	10,188	31,674	9,101	16,924	25,957	53,818	57,602	110,865	1,033	8,823	44,176
New England.....	12	6	252	944	214	355	678	1,611	2,223	4,007	10	418	1,720
Massachusetts.....	12	6	252	944	214	355	678	1,611	2,223	4,007	10	(4)	(4)
Middle Atlantic.....	83	36	3,001	9,813	2,653	4,435	8,337	18,648	19,973	38,131	258	3,955	21,682
New York.....	63	22	1,806	6,033	1,603	2,748	4,909	11,467	12,689	24,157	175	1,997	10,615
East North Central..	14	11	716	2,473	636	1,161	2,050	3,887	3,150	6,904	28	(4)	(4)
West North Central..	7	7	762	2,686	620	1,175	1,956	4,602	3,759	8,103	55	(4)	(4)
South Atlantic.....	9	7	1,291	3,874	1,225	2,417	3,169	7,125	7,477	14,202	178	(4)	(4)
East South Central..	5	4	1,978	5,135	1,915	3,862	4,651	6,128	7,428	14,971	143	(4)	(4)
West South Central..	9	8	1,622	4,631	1,341	2,674	3,487	6,999	8,231	14,623	247	(4)	(4)
West.....	32	13	566	2,118	497	845	1,629	4,818	5,361	9,924	114	(4)	(4)
Subindustry 2331-22.—Blouses—JOBBERS													
Total.....	157	51	4,051	25,693	2,427	4,891	10,407	78,199	222,798	297,691	378	4,045	54,026
New England.....	5	-	27	205	12	19	56	626	1,085	1,615	(D)	105	1,316
Middle Atlantic.....	126	38	2,912	19,510	1,637	3,435	7,185	60,292	185,349	243,043	292	3,510	47,147
New York.....	114	33	2,176	15,973	1,161	2,400	5,193	45,777	139,272	182,677	263	2,808	42,079
North Central, South and West.....	26	13	1,112	5,978	778	1,437	3,166	17,281	36,364	53,033	(D)	430	5,563
Subindustry 2331-33.—Blouses—CONTRACTORS													
Total.....	692	518	40,412	111,669	38,114	66,608	102,239	148,095	13,630	162,176	2,631	34,616	101,962
New England.....	40	30	1,902	5,091	1,770	3,090	4,578	6,326	561	6,932	62	2,219	6,767
Massachusetts.....	26	17	1,077	2,888	996	1,726	2,626	3,679	236	3,928	35	(4)	(4)
Middle Atlantic.....	452	353	23,187	64,837	22,147	37,838	60,268	87,451	7,273	94,991	1,358	23,602	70,305
New York.....	190	118	5,565	17,009	5,288	9,061	15,752	22,974	1,464	24,545	191	9,756	30,533
New Jersey.....	38	33	2,058	5,391	2,004	3,269	5,205	7,664	643	8,342	80	1,994	5,866
Pennsylvania.....	224	202	15,564	42,437	14,855	25,508	39,311	56,813	5,166	62,104	1,087	11,852	33,906
North Central, South and West.....	200	135	15,323	41,741	14,197	25,680	37,393	54,318	5,796	60,253	1,211	8,795	24,890

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2335.—DRESSES ⁵												
Total.....	4,752	3,013	200,003	686,818	177,149	306,261	543,656	1,180,883	1,233,301	2,410,972	12,699	184,717	970,963
New England.....	277	212	17,300	54,742	15,832	26,601	45,475	89,820	72,812	162,280	878	17,529	74,745
Vermont.....	5	5	741	2,555	668	1,280	1,993	2,910	2,107	5,279	45	612	2,570
Massachusetts....	178	129	11,459	37,319	10,355	17,234	30,183	66,671	64,407	130,358	679	11,904	52,853
Rhode Island.....	15	13	1,010	2,679	947	1,513	2,442	3,368	336	3,708	37	789	2,282
Connecticut.....	68	55	3,408	10,466	3,197	5,443	9,203	14,606	5,741	20,441	99	3,545	15,184
Middle Atlantic....	3,337	2,132	118,701	426,012	104,706	176,845	334,107	762,616	899,305	1,659,317	7,172	113,044	646,502
New York.....	2,472	1,437	72,288	292,556	61,877	106,774	219,119	554,989	780,804	1,334,389	4,676	74,970	503,797
New Jersey.....	330	239	12,548	37,497	11,582	18,816	33,115	58,362	33,991	92,631	983	12,287	49,741
Pennsylvania.....	535	456	33,865	95,959	31,247	51,255	81,873	149,265	84,510	232,297	1,513	25,787	92,964
East North Central.	154	112	12,885	41,060	11,021	19,316	30,669	65,037	57,162	122,354	545	13,988	64,882
Indiana.....	11	11	1,583	4,808	1,401	2,357	3,836	6,929	6,674	13,632	105	960	2,960
Illinois.....	108	77	8,346	26,432	7,025	12,159	19,560	41,664	38,994	80,613	297	9,416	40,180
Michigan.....	7	3	562	1,897	494	844	1,296	2,793	1,670	4,492	11	(4)	(4)
West North Central.	80	59	6,843	24,694	5,961	10,545	19,073	43,283	26,136	69,293	321	7,012	37,847
Minnesota.....	11	5	473	1,622	430	686	1,325	2,607	1,453	4,002	8	656	3,234
Missouri.....	63	48	5,434	20,282	4,633	8,320	15,157	36,728	22,885	59,637	294	5,454	30,986
South Atlantic....	220	165	19,755	56,015	17,969	33,438	47,733	77,550	47,069	124,328	1,840	14,213	52,603
Delaware.....	5	5	331	906	303	460	781	1,231	1,060	2,265	39	(4)	(4)
Virginia.....	10	9	1,937	5,649	1,727	3,601	4,996	2,971	8,571	11,572	143	(4)	(4)
South Carolina...	35	32	6,887	18,972	6,388	12,005	16,669	26,159	10,710	36,719	802	5,439	16,425
Georgia.....	22	19	1,335	3,671	1,171	2,106	2,981	6,390	3,963	9,913	89	700	2,394
Florida.....	91	49	2,881	8,840	2,485	4,533	6,817	16,109	13,357	29,594	214	1,807	9,770
East South Central.	27	20	3,486	9,687	3,140	5,691	8,209	13,567	7,111	20,688	152	2,774	11,910
Kentucky.....	5	4	509	1,544	444	789	1,317	2,411	1,379	3,804	17	425	1,812
Tennessee.....	16	12	2,577	7,089	2,349	4,265	6,057	9,233	4,391	13,610	89	1,941	8,315
West South Central.	122	88	8,404	27,959	7,534	14,567	22,221	42,148	39,608	81,937	781	6,024	23,211
Texas.....	110	79	6,591	22,472	5,895	11,547	17,513	35,906	34,133	69,984	691	4,592	18,784
Mountain.....	18	8	485	1,376	456	780	1,235	2,749	1,915	4,606	35	(4)	(4)
Arizona.....	10	5	181	528	159	289	411	770	321	1,071	25	333	1,373
Pacific.....	517	217	12,144	45,273	10,530	18,478	34,934	84,113	82,183	166,169	975	(4)	(4)
California.....	495	208	11,432	42,650	9,899	17,455	32,929	79,845	79,014	158,753	895	9,409	55,874
	Subindustry 2335-11.—Dresses—MANUFACTURERS												
Total.....	970	515	46,446	177,028	39,517	71,727	133,844	305,086	295,405	601,158	4,225	55,015	320,924
New England.....	43	24	2,243	8,528	1,946	3,530	6,672	14,047	12,972	27,321	152	2,636	15,407
Middle Atlantic....	479	223	14,355	59,179	12,019	20,821	45,141	110,067	112,765	223,317	1,492	22,159	143,791
New York.....	396	178	9,852	44,624	8,124	14,779	33,506	85,443	89,067	174,903	1,147	15,909	113,861
New Jersey.....	29	10	1,042	3,556	801	1,324	2,770	5,192	7,299	12,723	115	1,153	5,757
Pennsylvania.....	54	35	3,461	10,999	3,094	4,718	8,865	19,432	16,399	35,691	230	5,097	24,173
East North Central.	76	53	7,486	26,493	6,261	11,255	18,650	42,231	46,354	88,650	284	7,988	44,645
Illinois.....	52	37	4,915	17,422	4,011	7,102	12,143	28,648	34,013	62,615	175	4,969	25,672
West North Central.	45	34	4,801	19,002	4,107	7,374	14,211	34,804	22,098	56,822	204	4,674	26,653
Missouri.....	34	26	3,836	15,926	3,207	5,916	11,571	29,771	18,931	48,772	185	3,903	22,606
South Atlantic....	69	45	6,151	20,553	5,330	10,298	16,395	31,002	35,780	66,341	1,080	6,089	28,316
Florida.....	41	23	1,443	5,029	1,196	2,175	3,586	9,234	7,080	16,373	91	1,561	8,977
East South Central.	8	6	1,202	3,769	1,049	2,055	2,934	5,663	5,004	10,767	25	1,372	7,913
West South Central.	64	49	5,354	19,458	4,666	9,167	14,627	30,113	31,977	62,326	563	4,268	17,696
Texas.....	56	44	4,456	16,687	3,893	7,673	12,413	27,502	27,320	54,825	533	3,643	15,502
West.....	186	81	4,854	20,046	4,139	7,227	15,214	37,159	28,455	65,614	425	5,829	36,503
California.....	153	65	3,701	16,151	3,090	5,498	12,065	30,297	23,446	53,822	312	5,278	33,766
	Subindustry 2335-22.—Dresses—JOBBERS												
Total.....	681	253	16,738	117,191	9,261	17,557	52,686	340,206	822,247	1,156,772	2,104	19,732	268,730
New England.....	19	10	882	5,905	518	1,028	2,188	22,511	52,000	73,701	148	996	13,186
Middle Atlantic....	555	217	14,111	101,203	7,625	14,397	45,651	290,194	710,210	996,112	1,763	16,031	247,760
New York.....	532	203	12,522	90,712	6,769	12,755	41,016	250,024	638,832	886,116	1,211	14,339	223,325

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2335-22.—Dresses—JOBBERs—Continued													
North Central.....	9	5	413	1,731	273	514	780	4,657	7,363	11,913	20	1,495	11,742
South.....	13	3	151	858	98	238	423	2,305	8,221	10,444	35	395	3,601
Pacific.....	85	18	1,181	7,494	747	1,380	3,644	20,539	44,453	64,602	138	(4)	(4)
California.....	85	18	1,181	7,494	747	1,380	3,644	20,539	44,453	64,602	138	(4)	(4)
Subindustry 2335-33.—Dresses—CONTRACTORS													
Total.....	2,434	1,940	119,463	346,278	113,911	190,829	320,360	436,944	27,294	464,674	3,664	109,970	363,309
New England.....	175	157	13,052	37,340	12,424	20,383	34,232	46,985	2,488	49,542	409	13,897	46,152
Massachusetts.....	98	88	8,119	23,063	7,721	12,421	21,204	29,480	913	30,406	308	8,969	29,838
Connecticut.....	51	45	2,973	8,991	2,833	4,859	8,129	10,983	1,348	12,382	59	3,204	11,494
Middle Atlantic....	1,839	1,471	78,572	234,668	75,352	124,064	218,764	295,675	16,757	312,741	2,107	74,854	254,951
New York.....	1,178	888	41,209	134,078	39,748	66,150	126,292	169,835	8,085	178,200	969	44,722	166,611
New Jersey.....	245	200	9,662	27,769	9,317	14,839	26,040	34,710	1,727	36,476	292	10,276	31,432
Pennsylvania.....	416	383	27,701	72,821	26,287	43,075	66,432	91,130	6,945	98,065	846	19,856	56,908
East North Central.	57	48	4,158	10,469	3,751	6,215	9,045	13,952	1,348	15,354	91	5,220	15,061
Indiana.....	5	5	542	1,667	523	808	1,564	1,559	229	1,813	(D)	(4)	(4)
Illinois.....	42	34	2,950	7,075	2,620	4,298	6,000	9,813	888	10,691	57	(4)	(4)
West North Central.	26	21	1,800	4,813	1,698	2,892	4,388	6,540	647	7,196	97	1,623	4,628
South Atlantic.....	109	97	12,425	32,293	11,667	21,362	28,910	39,220	2,370	41,632	572	(4)	(4)
South Carolina....	27	26	5,028	13,385	4,743	8,836	12,049	16,063	799	16,809	154	3,907	9,651
Georgia.....	12	11	714	1,706	677	1,255	1,605	2,382	101	2,499	19	122	374
Florida.....	23	14	843	2,125	801	1,453	1,970	2,757	217	2,982	30	(4)	(4)
East South Central.	15	13	2,040	5,283	1,888	3,266	4,774	6,501	846	7,237	88	(4)	(4)
Tennessee.....	10	9	1,596	3,999	1,474	2,534	3,611	4,512	755	5,158	70	1,067	3,079
West South Central.	36	32	2,638	7,088	2,540	4,760	6,644	8,935	1,056	9,989	142	(4)	(4)
West.....	177	101	4,778	14,324	4,591	7,887	13,603	19,136	1,782	20,983	158	3,489	12,319
INDUSTRY 2337.—WOMEN'S SUITS, COATS, AND SKIRTS ⁶													
Total.....	2,516	1,380	88,332	361,001	75,472	133,604	271,450	637,869	886,963	1,522,725	12,334	84,145	514,901
New England.....	198	121	8,765	33,650	7,598	13,471	25,510	58,440	88,546	147,267	1,151	8,028	46,942
Massachusetts....	168	100	6,701	26,075	5,788	10,224	19,440	45,328	69,613	115,346	1,043	6,440	38,696
Middle Atlantic....	1,835	996	58,122	241,818	49,593	88,229	185,597	426,480	601,487	1,025,207	7,456	54,528	339,270
New York.....	1,471	726	39,357	174,924	32,421	57,948	128,364	329,155	549,909	875,900	5,529	39,161	278,135
New Jersey.....	288	218	14,195	52,750	12,985	23,108	45,219	77,679	43,362	121,350	1,466	11,622	46,834
Pennsylvania.....	76	52	4,570	14,144	4,187	7,173	12,014	19,646	8,216	27,957	461	3,745	14,301
East North Central.	98	51	4,780	21,343	3,798	6,460	12,785	44,442	64,632	109,454	567	4,470	29,030
Illinois.....	59	29	1,978	9,023	1,747	2,783	6,511	15,951	17,181	33,490	419	2,554	18,518
Wisconsin.....	10	7	455	1,529	378	687	1,150	2,153	2,672	4,944	13	627	2,853
West North Central.	44	33	3,936	15,857	3,326	5,985	10,996	26,571	28,589	55,089	517	4,116	25,119
Missouri.....	28	22	2,718	11,791	2,266	4,077	7,812	17,903	23,128	41,158	384	3,079	18,126
South Atlantic.....	31	20	2,097	7,651	1,847	3,413	5,693	12,672	10,689	23,453	691	2,191	10,466
Maryland.....	15	10	1,018	4,431	818	1,447	2,683	8,290	9,325	17,685	280	1,267	7,507
Georgia.....	5	5	581	1,786	561	1,132	1,654	2,582	823	3,424	(D)	267	1,189
Florida.....	5	4	430	1,227	412	717	1,179	1,559	418	1,981	(D)	(4)	(4)
East South Central.	8	6	1,069	3,409	987	1,797	2,819	4,237	5,439	9,311	288	1,078	3,287
West South Central.	20	16	841	2,795	709	1,368	2,062	4,247	4,948	9,158	231	1,209	5,448
Mountain.....	6	4	228	597	212	349	531	1,036	584	1,625	4	322	1,311
Pacific.....	276	133	8,494	33,881	7,402	12,532	25,457	59,744	82,049	142,161	1,429	8,203	54,028
Washington.....	13	7	417	1,307	367	567	935	1,878	2,113	3,971	43	(4)	(4)
California.....	250	120	7,811	31,648	6,798	11,556	23,783	56,496	78,954	135,827	1,364	7,814	52,345
Subindustry 2337-11.—Women's Suits, Coats, and Skirts—MANUFACTURERS													
Total.....	573	307	23,878	108,274	20,109	36,100	79,238	189,909	214,642	405,133	4,530	30,088	208,371
New England.....	38	25	2,823	11,665	2,351	4,233	8,353	20,762	31,064	52,168	480	2,106	14,907
Middle Atlantic....	315	151	10,862	54,594	8,962	16,329	40,347	100,399	113,137	213,183	2,186	13,750	108,589
New York.....	269	124	7,982	42,115	6,483	11,623	30,569	77,236	89,306	166,234	1,630	11,733	97,040

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2337-11.—Women's Suits, Coats, and Skirts—MANUFACTURERS—Continued													
East North Central.	45	26	1,991	8,851	1,705	2,866	6,097	15,299	14,395	30,061	384	3,238	21,670
Illinois.....	29	16	1,268	6,404	1,110	1,800	4,383	11,078	10,825	22,276	334	2,250	16,627
West North Central.	29	23	2,524	10,070	2,153	3,894	7,033	16,147	14,394	30,398	208	3,475	20,472
Missouri.....	14	12	1,324	6,067	1,110	2,016	3,906	7,574	8,934	16,563	76	2,461	13,987
South.....	31	21	1,838	6,952	1,561	2,993	4,685	9,602	14,363	23,621	647	2,334	10,410
Mountain.....	6	4	228	597	212	349	531	1,036	584	1,625	4	322	1,311
Pacific.....	109	57	3,612	15,545	3,165	5,436	12,192	26,664	26,705	54,077	621	4,863	31,012
California.....	93	48	3,121	13,889	2,735	4,756	10,999	24,245	24,103	49,067	565	4,585	29,757
Subindustry 2337-22.—Women's Suits, Coats, and Skirts—JOBBERS													
Total.....	455	138	11,656	74,912	6,557	12,360	33,093	194,331	596,370	786,096	1,489	9,048	138,754
New England.....	38	18	1,095	6,522	767	1,432	3,514	16,682	53,412	69,974	253	1,143	16,135
Middle Atlantic....	360	103	7,494	50,086	3,953	7,629	22,302	129,492	427,898	553,456	803	6,479	100,315
New York.....	347	96	7,086	47,820	3,653	7,031	21,373	124,253	411,917	532,142	771	6,306	97,427
East North Central.	8	3	1,097	6,954	506	928	1,823	21,752	48,767	70,333	42	316	5,943
West North Central.	6	3	526	2,774	347	704	1,373	6,693	13,053	19,852	75		
Missouri.....	6	3	526	2,774	347	704	1,373	6,693	13,053	19,852	75			(4)	(4)
South and West.....	43	11	1,444	8,576	984	1,667	4,081	19,712	53,240	72,481	316	1,110	16,361
Subindustry 2337-33.—Women's Suits, Coats, and Skirts—CONTRACTORS													
Total.....	1,092	773	44,716	153,666	42,273	73,546	141,077	199,937	11,616	212,676	2,408	45,009	167,776
New England.....	97	70	4,476	14,375	4,178	7,276	12,800	18,563	1,245	19,849	227	4,779	15,900
Massachusetts....	81	56	3,720	11,820	3,469	6,029	10,491	15,695	1,090	16,825	214	3,933	12,932
Middle Atlantic....	854	611	33,262	117,798	31,415	54,915	108,531	153,432	8,490	162,780	1,325	34,299	130,366
New York.....	588	395	18,932	68,951	17,953	31,561	64,530	91,993	5,361	97,909	580	21,122	83,668
New Jersey.....	217	180	10,943	38,872	10,322	17,830	35,111	48,490	2,379	51,097	595	10,438	38,587
Pennsylvania.....	49	36	3,387	9,975	3,140	5,524	8,890	12,949	750	13,774	150	2,739	8,111
East South Central.	34	20	1,519	4,998	1,447	2,425	4,470	6,295	317	6,791	66	(4)	(4)
Illinois.....	17	10	516	1,728	490	722	1,590	2,394	94	2,505	14	(4)	(4)
Wisconsin.....	5	4	266	923	252	451	811	981	41	1,183	6	352	1,335
West South Central.	6	5	804	2,777	760	1,271	2,409	3,193	519	3,674	191	(4)	(4)
South.....	15	12	1,553	4,669	1,493	2,720	4,374	5,943	329	6,289	362	1,643	4,408
Maryland.....	5	4	305	855	294	491	813	1,059	35	1,096	4	(4)	(4)
Pacific.....	86	55	3,102	9,049	2,980	4,939	8,493	12,511	716	13,293	237	2,731	11,038
California.....	80	51	2,927	8,560	2,811	4,651	8,030	11,827	672	12,565	229	(4)	(4)
INDUSTRY 2339.—WOMEN'S OUTERWEAR, N.E.C.													
Total.....	1,297	709	59,536	200,246	51,407	93,972	151,362	340,462	443,180	785,958	7,015	44,146	229,368
New England.....	80	47	2,805	10,347	2,489	4,449	8,175	17,889	16,919	34,505	230	3,045	15,180
Massachusetts....	57	31	1,920	7,006	1,725	3,014	5,519	11,092	9,321	20,314	174	(4)	(4)
Middle Atlantic....	679	331	23,274	80,038	19,990	35,373	59,362	144,715	223,409	368,748	2,335	17,820	93,061
New York.....	493	214	13,972	52,737	11,784	21,108	37,857	100,453	188,243	288,515	1,505	11,752	69,096
New Jersey.....	71	43	2,209	6,794	1,885	3,246	5,044	11,006	8,580	19,430	197	1,892	7,830
Pennsylvania.....	115	74	7,093	20,507	6,321	11,019	16,461	33,256	26,586	60,803	633	4,176	16,135
East North Central.	61	36	3,233	11,192	2,550	5,069	7,710	19,048	27,845	46,720	434	2,838	18,918
Ohio.....	9	7	375	1,084	333	587	930	1,994	1,916	3,929	37	(4)	(4)
Illinois.....	30	15	895	2,795	819	1,463	2,168	5,373	4,421	9,755	160	913	4,005
Michigan.....	5	3	211	666	179	322	462	783	1,772	2,606	(D)	164	730
West North Central.	41	25	2,450	7,763	2,277	4,063	6,624	14,929	24,246	39,194	127	2,540	14,362
Missouri.....	25	18	1,888	5,838	1,782	3,102	5,176	11,119	20,683	31,935	86	(4)	(4)
South Atlantic....	145	107	11,256	32,542	9,950	18,267	25,754	51,693	51,541	102,303	1,933	6,292	23,756
Maryland.....	17	14	1,069	3,691	906	1,710	2,525	6,568	7,982	14,447	589	1,424	7,283
Virginia.....	13	10	1,610	4,417	1,528	2,874	3,877	6,386	4,459	10,893	262	(4)	(4)
North Carolina...	26	20	2,785	8,595	2,498	4,408	6,838	12,663	19,645	30,675	360	1,506	5,743
Georgia.....	29	26	2,370	6,368	2,657	3,904	5,050	10,219	10,026	20,161	195	931	2,918
Florida.....	46	26	1,829	5,368	1,653	3,130	4,472	8,825	7,461	16,438	339	545	2,130

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2339.—WOMEN'S OUTERWEAR, N.E.C.—Continued													
East South Central.	29	25	3,322	8,762	3,031	5,770	7,726	12,956	11,761	25,329	384	1,274	4,102
Alabama.....	13	11	1,279	3,352	1,139	2,215	2,926	5,450	4,323	9,562	222	345	1,311
West South Central.	35	24	2,579	7,488	2,250	4,427	6,148	11,545	10,069	21,720	208	1,737	6,947
Arkansas.....	8	7	714	1,910	676	1,205	1,631	2,936	1,555	4,491	44	(4)	(4)
Texas.....	21	15	1,646	5,052	1,390	2,886	4,097	8,038	8,428	16,570	150	1,433	6,072
Mountain.....	11	4	513	1,803	450	858	1,400	2,446	2,317	4,767	71	484	2,116
Pacific.....	216	110	10,104	40,311	8,420	15,696	28,463	65,241	75,073	142,672	1,293	8,116	50,926
California.....	187	91	8,091	32,900	6,775	12,724	23,522	51,362	60,019	112,688	1,170	6,512	43,572
Subindustry 2339-11.—Women's Outerwear, N.E.C.—MANUFACTURERS													
Total.....	704	308	29,557	102,664	25,000	45,956	75,633	172,929	199,711	376,867	4,399	23,234	127,280
New England.....	30	10	836	3,408	714	1,341	2,490	5,556	4,881	10,421	119	1,215	5,920
Middle Atlantic....	338	133	10,174	34,267	8,693	15,252	25,694	59,798	68,394	129,787	1,164	7,275	39,288
New York.....	263	99	7,039	24,258	6,051	10,637	18,272	44,365	52,136	97,168	890	4,987	29,469
New Jersey.....	31	15	904	2,909	723	1,249	1,911	5,444	5,551	10,794	133	364	2,003
Pennsylvania.....	44	19	2,231	7,100	1,919	3,366	5,511	9,989	10,707	21,825	141	1,924	7,816
East North Central.	45	22	1,476	4,800	1,276	2,332	3,666	8,642	8,304	16,987	380	1,567	7,599
Illinois.....	22	9	494	1,703	441	855	1,328	3,386	2,979	6,295	140	534	2,582
Michigan.....	5	3	211	666	179	322	462	783	1,772	2,606	(D)	(4)	(4)
West North Central.	20	10	702	2,518	608	1,162	1,917	4,950	4,611	9,426	50	1,511	9,237
South Atlantic.....	73	44	5,615	17,155	4,733	8,762	12,907	29,320	34,028	63,326	1,159	3,866	16,305
Maryland.....	9	8	781	2,700	662	1,282	1,841	4,323	5,291	9,625	563	743	4,674
Florida.....	37	19	1,451	4,355	1,300	2,444	3,566	7,462	7,073	14,693	178	(4)	(4)
East South Central.	16	13	1,757	4,690	1,628	3,034	4,181	7,737	10,123	18,677	255	452	1,788
West South Central.	24	13	1,652	5,061	1,391	2,872	4,023	7,977	9,437	17,521	165	1,485	6,188
Texas.....	16	10	1,387	4,298	1,143	2,434	3,402	7,050	8,371	15,517	128	(4)	(4)
West.....	158	63	7,345	30,765	5,957	11,201	20,755	48,949	59,932	110,722	1,107	5,863	40,955
California.....	123	44	5,429	24,200	4,276	8,184	15,746	38,471	51,698	91,476	938	4,304	33,394
Subindustry 2339-22.—Women's Outerwear, N.E.C.—JOBBERS													
Total.....	153	52	5,881	28,842	3,611	7,226	13,618	77,424	235,744	311,224	687	3,455	46,260
New England.....	9	6	313	1,814	205	369	1,118	5,605	11,621	16,946	18	199	3,730
Middle Atlantic....	108	30	2,642	14,722	1,388	2,587	5,722	43,459	151,420	193,770	475	1,956	25,688
New York.....	95	26	2,097	12,448	1,074	1,946	4,761	34,795	134,365	168,286	268	1,736	22,840
East North Central.	6	5	1,246	5,043	789	1,878	2,825	8,459	19,420	27,667	39	759	11,243
West North Central.	7	3	624	2,126	569	1,060	1,678	6,527	19,443	26,109	25		
South.....	7	4	375	1,965	244	477	778	5,338	17,222	21,600	83	177	1,436
Pacific.....	16	4	681	3,172	416	855	1,497	8,036	16,618	25,132	47	364	4,163
Subindustry 2339-33.—Women's Outerwear, N.E.C.—CONTRACTORS													
Total.....	440	349	24,098	68,740	22,796	40,790	62,111	90,109	7,725	97,867	1,929	16,974	54,058
New England.....	41	31	1,656	5,125	1,570	2,739	4,567	6,728	417	7,138	93	1,631	5,530
Massachusetts....	26	19	1,047	3,214	994	1,678	2,930	4,060	235	4,289	52	(4)	(4)
Middle Atlantic....	233	168	10,458	31,049	9,909	17,534	27,946	41,458	3,595	45,191	696	8,589	28,085
New York.....	135	89	4,836	16,031	4,659	8,525	14,824	21,293	1,742	23,061	347	5,029	16,787
East North Central.	10	9	511	1,349	485	859	1,219	1,947	121	2,066	15	1,541	5,201
West North Central.	14	12	1,124	3,119	1,100	1,841	3,029	3,452	192	3,659	52		
South.....	89	82	7,758	19,921	7,235	13,319	17,739	25,822	2,561	28,228	863	3,323	9,088
North Carolina...	14	13	1,538	4,012	1,473	2,492	3,601	5,297	348	5,628	122	(4)	(4)
Georgia.....	21	19	1,406	3,386	1,298	2,381	2,949	4,715	380	5,092	97	708	1,892
Florida.....	9	7	378	1,013	357	686	906	1,363	388	1,745	161	(4)	(4)
Alabama.....	7	7	728	1,875	652	1,331	1,722	2,030	191	2,084	50	(4)	(4)
Texas.....	5	5	259	754	247	452	695	988	57	1,053	22	(4)	(4)

Footnotes on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-23B

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2331, Blouses: New England—Maine, 2 (100-249); Vermont, 1 (20-99); Rhode Island, 3 (110); East North Central—Ohio, 4 (561); Indiana, 1 (20-99); Michigan, 3 (20-99); Wisconsin, 3 (20-99); West North Central—Nebraska, 2 (100-249); Kansas, 3 (100-249); South Atlantic—Maryland, 10 (679); Virginia, 13 (1,000-2,499); West Virginia, 2 (250-499); West South Central—Arkansas, 2 (1,000-2,499); Texas, 14 (1,000-2,499); Mountain—New Mexico, 1 (1-19); Arizona, 2 (100-249); Utah, 1 (100-249); Pacific—Washington, 3 (20-99); Oregon, 2 (1-19); Hawaii, 2 (1-19).

SIC 2331-11, Blouses-Manufacturers: Middle Atlantic—New Jersey, 4 (20-99); Pennsylvania, 16 (1,000-2,499); East North Central—Ohio, 1 (1-19); Indiana, 1 (20-99); Illinois, 8 (500-999); Michigan, 3 (20-99); Wisconsin, 1 (20-99); West North Central—Missouri, 4 (500-999); Nebraska, 1 (100-249); Kansas, 2 (100-249); South Atlantic—Maryland, 1 (250-499); North Carolina, 2 (250-499); South Carolina, 1 (100-249); Georgia, 3 (500-999); Florida, 2 (20-99); East South Central—Kentucky, 1 (20-99); Tennessee, 3 (1,000-2,499); Alabama, 1 (100-249); West South Central—Arkansas, 1 (500-999); Texas, 8 (500-999); Mountain—New Mexico, 1 (1-19); Pacific—Washington, 1 (20-99); Oregon, 2 (1-19); California, 26 (500-999); Hawaii, 2 (1-19).

SIC 2331-22, Blouses-Jobbers: New England—Massachusetts, 4 (20-99); Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 4 (20-99); Pennsylvania, 8 (500-999); East North Central—Ohio, 1 (250-499); West North Central—Nebraska, 1 (1-19); South Atlantic—Maryland, 1 (20-99); Pacific—California, 23 (500-999).

SIC 2331-33, Blouses-Contractors: New England—Maine, 2 (100-249); Vermont, 1 (20-99); Rhode Island, 3 (100-249); Connecticut, 8 (500-999); East North Central—Ohio, 2 (20-99); Illinois, 2 (100-249); Wisconsin, 1 (1-19); West North Central—Missouri, 3 (500-999); Kansas, 1 (1-19); South Atlantic—Maryland, 8 (250-499); Virginia, 9 (1,000-2,499); West Virginia, 2 (250-499); North Carolina, 5 (500-999); South Carolina, 17 (2,500-4,999); Georgia, 6 (500-999); Florida, 4 (250-499); East South Central—Kentucky, 8 (500-999); Tennessee, 6 (1,000-2,499); Alabama, 5 (500-999); Mississippi, 3 (250-499); West South Central—Arkansas, 1 (250-499); Texas, 4 (100-249); Mountain—Arizona, 2 (100-249); Utah, 1 (100-249); Pacific—California, 110 (2,500-4,999).

SIC 2335, Dresses: New England—Maine, 5 (452); New Hampshire, 6 (230); East North Central—Ohio, 20 (1,532); Wisconsin, 8 (862); West North Central—Iowa, 1 (250-499); Kansas, 5 (500-999); South Atlantic—Maryland, 16 (1,997); West Virginia, 7 (1,000-2,499); North Carolina, 34 (2,500-4,999); East South Central—Alabama, 5 (250-499); Mississippi, 1 (20-99); West South Central—Arkansas, 6 (1,000-2,499); Louisiana, 1 (1-19); Oklahoma, 5 (339); Mountain—Colorado, 3 (20-99); New Mexico, 2 (1-19); Utah, 2 (250-499); Nevada, 1 (1-19); Pacific—Washington, 5 (20-99); Hawaii, 17 (645).

SIC 2335-11, Dresses-Manufacturers: New England—Vermont, 1 (250-499); Massachusetts, 38 (1,000-2,499); Connecticut, 4 (20-99); East North Central—Ohio, 11 (1,000-2,499); Indiana, 3 (500-999); Michigan, 5 (250-499); Wisconsin, 5 (250-499); West North Central—Minnesota, 8 (250-499); Iowa, 1 (250-499); Kansas, 2 (100-249); South Atlantic—Delaware, 2 (100-249); Maryland, 7 (250-499); Virginia, 1 (500-999); West Virginia, 1 (500-999); North Carolina, 7 (500-999); South Carolina, 6 (1,000-2,499); Georgia, 4 (250-499); East South Central—Kentucky, 3 (100-249); Tennessee, 4 (500-999); Alabama, 1 (20-99); West South Central—Arkansas, 2 (500-999); Louisiana, 1 (1-19); Oklahoma, 5 (250-499); Mountain—Colorado, 2 (20-99); New Mexico, 2 (1-19); Arizona, 8 (100-249); Utah, 2 (250-499); Pacific—Washington, 3 (20-99); Hawaii, 16 (500-999).

SIC 2335-22, Dresses-Jobbers: New England—Massachusetts, 18 (500-999); Connecticut, 1 (20-99); Middle Atlantic—New Jersey, 7 (250-499); Pennsylvania, 16 (1,000-2,499); East North Central—Ohio, 1 (1-19); Indiana, 1 (100-249); Illinois, 2 (20-99); West North Central—Minnesota, 1 (1-19); Missouri, 4 (100-249); South Atlantic—North Carolina, 1 (1-19); Florida, 6 (20-99); West South Central—Texas, 6 (20-99); Pacific—California, 85 (1,000-2,499).

SIC 2335-33, Dresses-Contractors: New England—Maine, 4 (250-499); New Hampshire, 6 (100-249); Vermont, 3 (250-499); Rhode Island, 13 (500-999); East North Central—Ohio, 8 (250-499); Michigan, 1 (100-249); Wisconsin, 1 (100-249); West North Central—Minnesota, 1 (1-19); Missouri, 22 (1,000-2,499); Kansas, 3 (250-499); South Atlantic—Delaware, 3 (100-249); Maryland, 8 (1,000-2,499); Virginia, 7 (500-999); West Virginia, 6 (1,000-2,499); North Carolina, 23 (1,000-2,499); East South Central—Kentucky, 2 (250-499); Alabama, 2 (20-99); Mississippi, 1 (20-99); West South Central—Arkansas, 4 (500-999); Texas, 32 (1,000-2,499); Mountain—Colorado, 1 (1-19); Arizona, 1 (20-99); Pacific—Washington, 1 (1-19); California, 174 (2,500-4,999).

SIC 2337, Women's suits, coats, and skirts: New England—New Hampshire, 1 (1-19); Rhode Island, 2 (20-99); Connecticut, 27 (2,000); East North Central—Ohio, 19 (1,947); Indiana, 3 (100-249); Michigan, 7 (100-249); West North Central—Minnesota, 11 (583); Nebraska, 1 (250-499); Kansas, 4 (100-249); South Atlantic—Delaware, 2 (1-19); Virginia, 1 (1-19); North Carolina, 2 (20-99); South Carolina, 1 (1-19); East South Central—Kentucky, 2 (250-499); Tennessee, 3 (555); Alabama, 3 (100-249); West South Central—Arkansas, 1 (1-19); Oklahoma, 1 (20-99); Texas, 18 (500-999); Mountain—Colorado, 1 (20-99); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 3 (175); Pacific—Oregon, 10 (100-249); Hawaii, 3 (20-99).

SIC 2337-11, Women's suits, coats, and skirts-Manufacturers: New England—Massachusetts, 31 (1,000-2,499); Connecticut, 7 (1,000-2,499); Middle Atlantic—New Jersey, 24 (1,000-2,499); Pennsylvania, 22 (1,000-2,499); East North Central—Ohio, 5 (250-499); Indiana, 3 (100-249); Michigan, 4 (100-249); Wisconsin, 4 (100-249); West North Central—Minnesota, 10 (500-999); Nebraska, 1 (250-499); Kansas, 4 (100-249); South Atlantic—Delaware, 2 (1-19); Maryland, 5 (250-499); Virginia, 1 (1-19); North Carolina, 1 (20-99); South Carolina, 1 (1-19); Georgia, 3 (100-249); Florida, 2 (20-99); East South Central—Tennessee, 2 (500-999); Alabama, 1 (100-249); West South Central—Arkansas, 1 (1-19); Oklahoma, 1 (20-99); Texas, 11 (500-999); Mountain—Colorado, 1 (20-99); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 3 (100-249); Pacific—Washington, 10 (250-499); Oregon, 5 (20-99); Hawaii, 1 (20-99).

SIC 2337-22, Women's suits, coats, and skirts-Jobbers: New England—New Hampshire, 1 (1-19); Massachusetts, 33 (500-999); Rhode Island, 1 (20-99); Connecticut, 3 (20-99); Middle Atlantic—New Jersey, 12 (250-499); Pennsylvania, 1 (20-99); East North Central—Ohio, 2 (1,000-2,499); Illinois, 5 (20-99); Wisconsin, 1 (20-99); South Atlantic—Maryland, 1 (100-249); Pacific—Washington, 1 (1-19); Oregon, 2 (1-19); California, 39 (1,000-2,499).

SIC 2337-33, Women's suits, coats, and skirts-Contractors: New England—Rhode Island, 1 (1-19); Connecticut, 15 (500-999); East North Central—Ohio, 10 (500-999); Michigan, 2 (20-99); West North Central—Minnesota, 1 (1-19); Missouri, 5 (500-999); South Atlantic—North Carolina, 1 (1-19); Georgia, 2 (250-499); Florida, 3 (250-499); East South Central—Kentucky, 2 (250-499); Alabama, 2 (20-99); Pacific—Washington, 2 (20-99); Oregon, 3 (100-249); Hawaii, 1 (1-19).

SIC 2339, Women's outerwear, n.e.c.: New England—Maine, 1 (20-99); New Hampshire, 3 (100-249); Vermont, 1 (1-19); Rhode Island, 1 (1-19); Connecticut, 17 (670); East North Central—Indiana, 5 (330); Wisconsin, 12 (1,422); West North Central—Minnesota, 6 (255); Iowa, 5 (250-499); Nebraska, 2 (1-19); Kansas, 3 (20-99); South Atlantic—District of Columbia, 1 (1-19); West Virginia, 1 (20-99); South Carolina, 12 (1,000-2,499); East South Central—Kentucky, 4 (250-499); Tennessee, 9 (1,286); Mississippi, 3 (250-499); West South Central—Louisiana, 1 (1-19); Oklahoma, 5 (100-249); Mountain—Idaho, 1 (1-19); Colorado, 4 (174); Arizona, 5 (20-99); Utah, 1 (100-249); Pacific—Washington, 6 (593); Oregon, 5 (538); Hawaii, 18 (882).

SIC 2339-11, Women's outerwear, n.e.c.—Manufacturers: New England—Massachusetts, 25 (500-999); Rhode Island, 1 (1-19); Connecticut, 4 (20-99); East North Central—Ohio, 7 (100-249); Indiana, 4 (250-499); Wisconsin, 7 (100-249); West North Central—Minnesota, 5 (250-499); Iowa, 4 (100-249); Missouri, 7 (100-249); Nebraska, 1 (1-19); Kansas, 3 (20-99); South Atlantic—District of Columbia, 1 (1-19); Virginia, 5 (500-999); North Carolina, 10 (500-999); South Carolina, 4 (500-999); Georgia, 7 (500-999); East South Central—Kentucky, 2 (20-99); Tennessee, 7 (500-999); Alabama, 5 (500-999); Mississippi, 2 (100-249); West South Central—Arkansas, 4 (100-249); Louisiana, 1 (1-19); Oklahoma, 3 (1-19); Mountain—Idaho, 1 (1-19); Colorado, 4 (100-249); Arizona, 3 (20-99); Utah, 1 (100-249); Pacific—Washington, 5 (500-999); Oregon, 3 (1-19); Hawaii, 18 (500-999).

SIC 2339-22, Women's outerwear, n.e.c.—Jobbers: New England—Massachusetts, 6 (100-249); Connecticut, 3 (100-249); Middle Atlantic—New Jersey, 3 (20-99); Pennsylvania, 10 (250-499); East North Central—Ohio, 1 (20-99); Indiana, 1 (1-20); Illinois, 2 (20-99); Wisconsin, 2 (1,000-2,499); West North Central—Missouri, 6 (500-999); Nebraska, 1 (1-19); South Atlantic—Maryland, 3 (20-99); North Carolina, 2 (250-499); Georgia, 1 (20-99); East South Central—Alabama, 1 (1-19); Pacific—Oregon, 1 (250-499); California, 15 (100-249).

SIC 2339-33, Women's outerwear, n.e.c.—Contractors: New England—Maine 1 (20-99); New Hampshire, 3 (100-249); Vermont, 1 (1-19); Connecticut, 10 (250-499); Middle Atlantic—New Jersey, 37 (1,000-2,499); Pennsylvania, 61 (2,499-4,999); East North Central—Ohio, 1 (20-99); Illinois, 6 (250-499); Wisconsin, 3 (100-249); West North Central—Minnesota, 1 (1-19); Iowa, 1 (1-19); Missouri, 12 (1,000-2,499); South Atlantic—Maryland, 5 (100-249); Virginia, 8 (500-999); West Virginia, 1 (20-99); South Carolina, 8 (500-999); East South Central—Kentucky, 2 (100-249); Tennessee, 2 (250-499); Mississippi, 1 (250-499); West South Central—Arkansas, 4 (250-499); Oklahoma, 2 (100-249); Mountain—Arizona, 2 (20-99); Pacific—Washington, 1 (20-99); Oregon, 1 (20-99); California, 49 (1,000-2,499).

²See text regarding comparability of 1963 and prior years.

³Includes 155 establishments with 2,944 employees classified in industry 2331, Blouses, which for 1963 provided no information on their detailed type of activity (manufacturer, jobber, or contractor). Figures for these companies are included in the total shown for the industry.

⁴This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

⁵Includes 667 establishments with 17,356 employees classified in industry 2335, Dresses, which for 1963 provided no information on their detailed type of activity (manufacturer, jobber, or contractor). Figures for these companies are included in the total shown for the industry.

⁶Includes 396 establishments with 8,082 employees classified in industry 2337, Suits, Skirts, and Coats, which for 1963 provided no information on their detailed type of activity (manufacturer, jobber, or contractors). Figures for these companies are included in the total shown for the industry.

TABLE 3. Detailed Statistics: 1963

Item	Blouses (SIC 2331)				Dresses (SIC 2335)			
	Total ¹	Manufac- turers (SIC 2331-11)	Jobbers (SIC 2331-22)	Contractors (SIC 2331-33)	Total ²	Manufac- turers (SIC 2335-11)	Jobbers (SIC 2335-22)	Contractors (SIC 2335-33)
Primary product specialization ratio ³.....	.86	(NA)	(NA)	(NA)	.96	(NA)	(NA)	(NA)
Coverage ratio ⁴.....	.69	(NA)	(NA)	(NA)	.96	(NA)	(NA)	(NA)
Establishments, total.....number..	1,175	171	157	692	4,752	970	681	2,434
With 1 to 19 employees.....do....	457	79	106	174	1,739	455	428	494
With 20 to 99 employees.....do....	582	64	48	413	2,629	404	225	1,714
With 100 employees or more.....do....	136	28	3	105	384	111	28	226
Proprietors and working partners.....do....	621	(NA)	(NA)	(NA)	2,287	(NA)	(NA)	(NA)
All employees (average for the year).....do....	57,595	10,188	4,051	40,412	200,003	46,446	16,738	119,463
Payroll (all employees), total for year.....\$1,000..	177,929	31,674	25,693	111,669	686,818	177,028	117,191	346,278
Production workers:								
Average for the year.....number..	52,099	9,101	2,427	38,114	177,149	39,517	9,261	113,911
March.....do....	52,045	9,158	2,427	38,053	177,748	40,039	9,187	114,499
May.....do....	51,173	8,733	2,419	37,735	179,874	40,511	9,359	115,531
August.....do....	52,465	9,265	2,434	38,239	175,279	38,330	9,377	113,165
November.....do....	52,713	9,248	2,428	38,429	175,695	39,188	9,121	112,449
Man-hours.....1,000..	92,742	16,924	4,891	66,608	306,261	71,727	17,557	190,829
January-March.....do....	22,765	4,212	1,249	16,239	74,129	15,960	4,335	47,499
April-June.....do....	23,280	4,126	1,263	16,881	79,287	19,073	4,386	49,275
July-September.....do....	23,425	4,288	1,244	16,783	75,685	17,564	4,429	47,161
October-December.....do....	23,272	4,298	1,135	16,705	77,160	19,130	4,407	46,894
Wages.....\$1,000..	145,617	25,957	10,407	102,239	543,656	133,844	52,686	320,360
Cost of materials, etc., total.....do....	312,739	57,602	222,798	13,630	1,233,301	295,405	822,247	27,294
Materials, parts, containers, and supplies consumed.....do....	204,799	51,666	129,935	6,922	801,419	251,494	456,821	15,444
Cost of resales.....do....	1,924	1,054	762	68	5,667	1,085	4,297	285
Fuels consumed.....do....	489	101	35	337	2,758	615	107	1,209
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	85	12	7	51	404	116	45	145
Cost.....\$1,000..	1,608	251	150	972	7,410	1,925	969	2,900
Generated less sold.....million kw.-hrs..	(D)	(D)	-	(D)	2	1	(D)	(D)
Contract work.....\$1,000..	103,919	4,530	91,916	5,331	416,047	40,286	360,053	7,456
Value of shipments (including resales), total.....do....	610,185	110,865	297,691	162,176	2,410,972	601,158	1,156,772	464,674
Value of resales.....do....	2,757	1,574	1,040	68	9,448	4,538	4,580	330
Value added by manufacture, adjusted.....do....	300,525	53,818	78,199	148,095	1,180,883	305,086	340,206	436,944
Manufacturers' inventories:								
Beginning of year, total.....do....	44,640	17,459	20,307	3,205	158,720	62,320	70,154	6,718
Finished products.....do....	20,170	8,528	9,190	829	58,489	21,456	27,682	1,470
Work-in-process.....do....	10,419	3,650	4,693	1,289	31,765	10,939	15,064	2,429
Materials, supplies, fuel, etc.....do....	14,051	5,281	6,424	1,087	68,466	29,925	27,408	2,819
End of year, total.....do....	49,944	18,759	25,364	2,534	162,563	59,353	80,223	5,695
Finished products.....do....	23,441	9,437	12,112	487	60,915	20,781	32,105	1,109
Work-in-process.....do....	10,225	3,285	5,077	1,178	32,549	10,947	16,322	2,352
Materials, supplies, fuel, etc.....do....	16,278	6,037	8,175	869	69,099	27,625	31,796	2,234
Expenditures for plant and equipment, total.....do....	4,622	1,070	388	2,786	13,237	4,351	2,217	3,941
New, total.....do....	4,418	1,033	378	2,631	12,699	4,225	2,104	3,664
New structures and additions to plant.....do....	870	234	27	591	2,436	1,267	302	387
New machinery and equipment.....do....	3,548	799	351	2,040	10,263	2,958	1,802	3,277
Used plant and equipment.....do....	204	37	10	155	538	126	113	277
Selected operating ratios:								
Payroll/Total employment.....	3,089	3,109	6,342	2,763	3,434	3,811	7,001	2,899
Production workers/Total employment.....	.91	.89	.60	.94	.89	.85	.55	.95
Man-hours/Production workers.....	1,780	1,860	2,015	1,748	1,729	1,815	1,896	1,675
Production worker wages/Man-hours.....	1.57	1.53	2.13	1.53	1.78	1.87	3.00	1.68
Cost of materials and payrolls/Total value of shipments....	.80	.80	.83	.77	.80	.79	.81	.80
Cost of materials/Total value of shipments.....	.51	.52	.75	.08	.51	.49	.71	.06
Adjusted value added/Total employment.....	5,218	5,282	19,307	3,665	5,904	6,569	20,325	3,658
Salaries and wages/Adjusted value added.....	.59	.59	.33	.75	.58	.58	.34	.79

See footnotes at end of table

TABLE 3. Detailed Statistics: 1963—Continued

Item	Women's suits, coats, and skirts (SIC 2337)				Women's outerwear, n.e.c., (SIC 2339)			
	Total ⁵	Manufac- turers (SIC 2337-11)	Jobbers (SIC 2337-22)	Contractors (SIC 2337-33)	Total	Manufac- turers (SIC 2339-11)	Jobbers (SIC 2339-22)	Contractors (SIC 2339-33)
Primary product specialization ratio ³.....	.88	(NA)	(NA)	(NA)	.80	(NA)	(NA)	(NA)
Coverage ratio ⁴.....	.92	(NA)	(NA)	(NA)	.55	(NA)	(NA)	(NA)
Establishments, total.....number..	2,516	573	455	1,092	1,297	704	153	440
With 1 to 19 employees.....do....	1,136	266	317	319	588	396	101	91
With 20 to 99 employees.....do....	1,241	256	120	703	569	239	39	291
With 100 employees or more.....do....	139	51	18	70	140	69	13	58
Proprietors and working partners.....do....	1,088	(NA)	(NA)	(NA)	563	(NA)	(NA)	(NA)
All employees (average for the year).....do....	88,332	23,878	11,656	44,716	59,536	29,557	5,881	24,098
Payroll (all employees), total for year.....\$1,000..	361,001	108,274	74,912	153,666	200,246	102,664	28,842	68,740
Production workers:								
Average for the year.....number..	75,472	20,109	6,557	42,273	51,407	25,000	3,611	22,796
March.....do....	77,885	19,880	6,357	45,322	52,573	25,884	3,802	22,887
May.....do....	64,439	17,502	6,192	35,195	52,720	25,690	3,652	23,378
August.....do....	83,757	22,291	7,004	47,186	47,852	22,446	3,385	22,021
November.....do....	75,807	20,763	6,675	41,389	52,483	25,980	3,605	22,898
Man-hours.....1,000..	133,604	36,100	12,360	73,546	93,972	45,956	7,226	40,790
January-March.....do....	33,659	8,819	2,985	19,056	23,874	11,901	1,874	10,099
April-June.....do....	28,589	7,362	2,896	15,855	24,241	11,928	1,847	10,466
July-September.....do....	36,453	9,559	3,302	20,379	21,893	10,230	1,696	9,967
October-December.....do....	34,903	10,360	3,177	18,256	23,964	11,897	1,809	10,258
Wages.....\$1,000..	271,450	79,238	33,093	141,077	151,362	75,633	13,618	62,111
Cost of materials, etc., total.....do....	886,963	214,642	596,370	11,616	443,180	199,711	235,744	7,725
Materials, parts, containers, and supplies consumed.....do....	634,463	189,595	378,471	8,407	310,209	166,161	137,968	6,080
Cost of resales.....do....	9,332	1,350	7,841	135	27,852	9,946	17,683	223
Fuels consumed.....do....	1,036	259	129	506	634	311	74	249
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	216	51	52	80	102	55	13	34
Cost.....\$1,000..	4,410	983	1,398	1,481	1,897	947	251	699
Generated less sold.....million kw.-hrs..	(D)	-	(D)	(D)	(D)	(D)	-	(D)
Contract work.....\$1,000..	237,721	22,455	208,531	1,086	102,588	22,346	79,768	474
Value of shipments (including resales), total.....do....	1,522,725	405,133	786,096	212,676	785,958	376,867	311,224	97,867
Value of resales.....do....	13,017	1,852	10,975	185	34,204	13,198	20,716	290
Value added by manufacture, adjusted.....do....	637,869	189,909	194,331	199,937	340,462	172,929	77,424	90,109
Manufacturers' inventories:								
Beginning of year, total.....do....	126,762	45,763	62,988	4,636	105,772	66,386	36,024	3,362
Finished products.....do....	47,393	17,737	23,041	1,526	50,621	30,246	19,794	581
Work-in-process.....do....	27,731	6,327	17,644	1,764	18,395	10,681	6,558	1,156
Materials, supplies, fuel, etc.....do....	51,638	21,699	22,303	1,346	36,756	25,459	9,672	1,625
End of year, total.....do....	126,778	42,812	70,104	3,020	106,032	63,678	39,633	2,721
Finished products.....do....	48,534	17,368	25,791	758	49,055	26,977	21,683	395
Work-in-process.....do....	28,727	6,145	19,499	1,409	17,619	9,723	6,613	1,283
Materials, supplies, fuel, etc.....do....	49,517	19,299	24,814	853	39,358	26,978	11,337	1,043
Expenditures for plant and equipment, total.....do....	12,865	4,681	1,596	2,569	7,646	4,715	762	2,169
New, total.....do....	12,334	4,530	1,489	2,408	7,015	4,399	687	1,929
New structures and additions to plant.....do....	5,286	2,032	484	654	1,597	1,037	68	492
New machinery and equipment.....do....	7,048	2,498	1,005	1,754	5,418	3,362	619	1,437
Used plant and equipment.....do....	531	151	107	161	631	316	75	240
Selected operating ratios:								
Payroll/Total employment.....	4,087	4,534	6,427	3,436	3,363	3,473	4,904	2,853
Production workers/Total employment.....	.85	.84	.56	.95	.86	.85	.61	.95
Man-hours/Production workers.....	1,770	1,795	1,885	1,740	1,828	1,838	2,001	1,789
Production worker wages/Man-hours.....	2.03	2.19	2.68	1.92	1.61	1.65	1.88	1.52
Cost of materials and payrolls/Total value of shipments....	.82	.80	.85	.78	.82	.80	.85	.78
Cost of materials/Total value of shipments.....	.58	.53	.76	.05	.56	.53	.76	.08
Adjusted value added/Total employment.....	7,221	7,953	16,672	4,471	5,719	5,851	13,165	3,739
Salaries and wages/Adjusted value added.....	.57	.57	.30	.77	.59	.59	.37	.76

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹See footnote 3, table 2.

²See footnote 5, table 2.

³The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

⁴The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

⁵See footnote 6, table 2.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2331.—BLOUSES ¹										
Establishments.....number..	1,175	133	105	219	390	192	110	21	3	2	—
All employees:											
Total.....do....	57,595	284	726	3,121	12,477	13,366	16,099	7,366	4,156	(D)	—
Payroll.....\$1,000..	177,929	1,210	3,290	12,263	40,277	40,395	46,377	22,651	11,466	(D)	—
Value added, adjusted.....do....	300,525	3,015	9,713	28,091	71,949	68,901	65,294	39,129	14,433	(D)	—
Value of shipments.....do....	610,185	7,928	33,990	90,353	166,310	120,891	86,617	75,984	28,112	(D)	—
Capital expenditures, new...do....	4,418	15	85	214	809	863	1,181	591	660	(D)	—
	Subindustry 2331-11.—Blouses ¹ —MANUFACTURES										
Establishments.....number..	171	38	20	21	43	21	21	4	2	1	—
All employees:											
Total.....do....	10,188	71	137	295	1,307	1,514	3,119	3,745	(D)	(D)	—
Payroll.....\$1,000..	31,674	297	538	1,243	4,500	4,855	9,822	10,419	(D)	(D)	—
Value added, adjusted.....do....	53,818	641	1,811	2,536	7,549	8,107	17,017	16,157	(D)	(D)	—
Value of shipments.....do....	110,865	1,237	3,175	5,462	14,651	16,964	34,819	34,557	(D)	(D)	—
Capital expenditures, new...do....	1,033	7	24	21	92	161	339	389	(D)	(D)	—
	Subindustry 2331-22.—Blouses ¹ —JOBBERS										
Establishments.....number..	157	24	33	49	38	10	—	3	—	—	—
All employees:											
Total.....do....	4,051	49	227	644	1,186	730	—	1,215	—	—	—
Payroll.....\$1,000..	25,693	323	1,698	4,898	8,939	4,511	—	5,324	—	—	—
Value added, adjusted.....do....	78,199	1,224	5,833	15,501	21,878	19,398	—	14,365	—	—	—
Value of shipments.....do....	297,691	4,932	27,838	69,222	96,508	56,633	—	42,558	—	—	—
Capital expenditures, new...do....	378	—	19	60	131	130	—	38	—	—	—
	Subindustry 2331-33.—Blouses ¹ —CONTRACTORS										
Establishments.....number..	692	32	35	107	260	153	89	14	1	1	—
All employees:											
Total.....do....	40,412	78	243	1,568	8,412	10,569	12,980	6,562	(D)	(D)	—
Payroll.....\$1,000..	111,669	330	711	4,192	22,156	29,351	36,555	18,374	(D)	(D)	—
Value added, adjusted.....do....	148,095	582	1,326	5,778	31,394	37,698	48,277	23,040	(D)	(D)	—
Value of shipments.....do....	162,176	678	1,559	7,241	33,608	40,311	51,798	26,981	(D)	(D)	—
Capital expenditures, new...do....	2,631	3	26	56	378	502	842	824	(D)	(D)	—
	INDUSTRY 2335.—DRESSES ²										
Establishments.....number..	4,752	581	405	753	1,774	855	323	48	13	—	—
All employees:											
Total.....do....	200,003	1,137	2,839	10,851	56,919	57,713	47,003	15,620	7,921	—	—
Payroll.....\$1,000..	686,818	6,066	12,865	47,153	202,241	188,644	147,673	55,976	26,200	—	—
Value added, adjusted.....do....	1,180,883	20,906	31,637	97,866	358,581	301,329	240,032	98,081	32,451	—	—
Value of shipments.....do....	2,410,972	54,787	93,615	277,681	741,719	541,586	433,303	203,208	65,073	—	—
Capital expenditures, new...do....	12,699	226	321	841	3,190	3,347	2,676	1,516	582	—	—
	Subindustry 2335-11.—Dresses ² —MANUFACTURES										
Establishments.....number..	970	210	100	145	252	152	80	23	8	—	—
All employees:											
Total.....do....	46,446	431	679	2,098	7,948	10,375	11,993	7,710	5,212	—	—
Payroll.....\$1,000..	177,028	1,787	2,735	8,194	32,009	43,027	42,632	27,410	19,234	—	—
Value added, adjusted.....do....	305,086	5,973	6,652	16,384	59,309	74,238	73,347	45,424	23,759	—	—
Value of shipments.....do....	601,158	10,884	13,044	31,265	115,493	144,173	138,440	92,814	55,045	—	—
Capital expenditures, new...do....	4,225	115	120	192	804	996	688	825	485	—	—

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2335-22.—Dresses ² —JOBBERs											
Establishments.....number..	681	122	118	188	183	42	23	5	-	-	-
All employees:											
Total.....do....	16,738	274	851	2,639	5,404	2,832	3,207	1,531	-	-	-
Payroll.....\$1,000..	117,191	2,128	5,791	21,047	41,517	19,586	17,259	9,863	-	-	-
Value added, adjusted.....do....	340,206	12,285	17,796	54,002	117,636	56,403	50,423	31,661	-	-	-
Value of shipments.....do....	1,156,772	39,350	69,921	209,387	405,648	189,904	155,865	86,697	-	-	-
Capital expenditures, new...do....	2,104	46	79	273	457	366	380	503	-	-	-
Subindustry 2335-33.—Dresses ² —CONTRACTORS											
Establishments.....number..	2,434	78	105	311	1,138	576	201	20	5	-	-
All employees:											
Total.....do....	119,463	150	755	4,589	37,206	38,715	28,960	6,379	2,709	-	-
Payroll.....\$1,000..	346,278	708	2,915	13,908	112,092	110,698	80,288	18,703	6,966	-	-
Value added, adjusted.....do....	436,944	781	4,091	18,747	145,732	137,481	100,424	20,996	8,692	-	-
Value of shipments.....do....	464,674	1,101	4,679	20,389	152,654	144,551	107,575	23,697	10,028	-	-
Capital expenditures, new...do....	3,664	25	39	128	925	1,085	1,177	188	97	-	-
INDUSTRY 2337.—WOMEN'S SUITS, COATS, AND SKIRTS ³											
Establishments.....number..	2,516	320	293	523	861	380	120	13	6	-	-
All employees:											
Total.....do....	88,332	607	2,022	7,435	27,447	25,621	16,521	4,510	4,169	-	-
Payroll.....\$1,000..	361,001	3,415	10,228	34,739	112,948	97,324	66,984	14,909	20,454	-	-
Value added, adjusted.....do....	637,869	9,719	23,063	73,490	197,751	157,435	112,662	23,042	40,707	-	-
Value of shipments.....do....	1,522,725	37,113	80,776	210,096	455,139	322,346	258,535	49,965	108,755	-	-
Capital expenditures, new...do....	12,334	574	528	1,234	3,506	2,890	2,624	533	445	-	-
Subindustry 2337-11.—Women's Suits, Coats, and Skirts ³ —MANUFACTURES											
Establishments.....number..	573	92	80	94	157	99	43	5	3	-	-
All employees:											
Total.....do....	23,878	161	563	1,350	5,047	6,862	6,037	1,797	2,061	-	-
Payroll.....\$1,000..	108,274	917	2,531	5,792	25,273	30,748	27,113	7,378	8,522	-	-
Value added, adjusted.....do....	189,908	2,529	5,897	12,635	42,643	53,645	46,229	11,961	14,369	-	-
Value of shipments.....do....	405,133	6,008	12,876	26,571	89,096	108,951	101,268	28,669	31,694	-	-
Capital expenditures, new...do....	4,529	452	209	290	808	859	1,485	349	77	-	-
Subindustry 2337-22.—Women's Suits, Coats, and Skirts ³ —JOBBERs											
Establishments.....number..	455	98	89	130	93	27	14	2	2	-	-
All employees:											
Total.....do....	11,656	201	598	1,760	2,815	1,757	2,100	2,425	(D)	-	-
Payroll.....\$1,000..	74,912	1,497	4,512	13,103	21,320	11,024	11,448	12,008	(D)	-	-
Value added, adjusted.....do....	194,331	5,251	11,382	35,405	53,123	28,459	31,872	28,839	(D)	-	-
Value of shipments.....do....	786,096	27,389	55,976	146,116	228,735	117,497	121,384	88,999	(D)	-	-
Capital expenditures, new...do....	1,489	27	72	201	295	232	402	260	(D)	-	-
Subindustry 2337-33.—Women's Suits, Coats, and Skirts ³ —CONTRACTORS											
Establishments.....number..	1,092	49	58	212	487	216	63	6	1	-	-
All employees:											
Total.....do....	44,716	113	403	3,063	15,628	14,730	8,384	2,396	(D)	-	-
Payroll.....\$1,000..	153,666	514	1,680	12,040	54,294	49,260	28,423	7,455	(D)	-	-
Value added, adjusted.....do....	199,937	1,006	2,570	16,796	75,434	60,990	34,561	8,580	(D)	-	-
Value of shipments.....do....	212,676	1,374	2,912	18,066	80,190	64,893	35,883	9,358	(D)	-	-
Capital expenditures, new...do....	2,408	22	21	118	559	659	737	292	(D)	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2339.—WOMEN'S OUTERWEAR, N.E.C.											
Establishments.....number..	1,297	215	166	207	340	229	113	19	7	1	
All employees:											
Total.....do....	59,536	396	1,177	2,886	10,768	15,445	16,856	6,103	<u>5,905</u>	(D)	
Payroll.....\$1,000..	200,246	1,476	4,902	9,821	36,248	49,088	53,601	22,205	<u>22,905</u>	(D)	
Value added, adjusted.....do....	340,462	4,345	11,942	21,633	63,580	75,885	88,577	42,781	<u>31,719</u>	(D)	
Value of shipments.....do....	785,958	11,723	39,537	68,576	132,663	141,588	202,243	102,222	<u>87,406</u>	(D)	
Capital expenditures, new...do....	7,015	89	224	420	1,120	1,690	1,683	1,166	<u>623</u>	(D)	
Subindustry 2339-11.—Women's Outerwear, N.E.C.—MANUFACTURES											
Establishments.....number..	704	170	106	120	145	94	52	10	6	1	
All employees:											
Total.....do....	29,557	311	742	1,670	4,487	6,308	7,634	<u>8,405</u>	(D)	(D)	
Payroll.....\$1,000..	102,664	1,013	2,321	4,872	14,962	20,979	26,346	<u>32,171</u>	(D)	(D)	
Value added, adjusted.....do....	172,929	1,803	4,376	8,577	25,041	36,472	46,654	<u>50,006</u>	(D)	(D)	
Value of shipments.....do....	376,867	3,726	9,658	17,176	53,244	79,004	95,749	<u>118,310</u>	(D)	(D)	
Capital expenditures, new...do....	4,399	61	140	214	582	994	905	<u>1,503</u>	(D)	(D)	
Subindustry 2339-22.—Women's Outerwear, N.E.C.—JOBBERS											
Establishments.....number..	153	34	35	32	28	11	7	5	1	-	
All employees:											
Total.....do....	5,881	64	248	422	819	700	1,118	<u>2,510</u>	(D)	-	
Payroll.....\$1,000..	28,842	358	1,913	2,781	5,199	3,199	5,353	<u>10,039</u>	(D)	-	
Value added, adjusted.....do....	77,424	2,359	6,664	10,009	16,741	7,334	13,209	<u>21,108</u>	(D)	-	
Value of shipments.....do....	311,224	7,781	28,852	48,046	55,411	28,179	75,089	<u>67,866</u>	(D)	-	
Capital expenditures, new...do....	687	22	59	136	113	62	52	<u>243</u>	(D)	-	
Subindustry 2339-33.—Women's Outerwear, N.E.C.—CONTRACTORS											
Establishments.....number..	440	11	25	55	167	124	54	4	-	-	
All employees:											
Total.....do....	24,098	21	187	794	5,462	8,437	8,104	1,093	-	-	
Payroll.....\$1,000..	68,740	105	668	2,168	16,087	24,910	21,902	2,900	-	-	
Value added, adjusted.....do....	90,109	183	902	3,047	21,798	32,079	28,714	3,386	-	-	
Value of shipments.....do....	97,867	216	1,027	3,354	24,008	34,405	31,405	3,452	-	-	
Capital expenditures, new...do....	1,929	6	25	70	425	634	726	43	-	-	

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹See footnote 3, table 2.²See footnote 5, table 2.³See footnote 6, table 2.⁴Includes capital expenditures for plants under construction but not in operation which constitutes approximately \$200-\$500 thousand of the total for the size class.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2331	Blouses.....1963 ¹	610,185	386,064	64,525	159,596	86	² 562,883	386,064	² 176,819	69
	1958..	454,103	303,576	36,423	114,104	89	² 389,265	303,576	² 85,689	78
2335	Dresses.....1963 ¹	2,410,972	1,885,862	69,315	455,795	96	1,961,858	1,885,862	75,996	96
	1958..	2,043,422	1,592,274	52,731	398,417	97	1,624,788	1,592,274	32,514	98
2337	Women's suits, coats, and skirts...1963 ¹	1,522,725	1,154,321	153,701	214,703	88	1,256,426	1,154,321	102,105	92
	1958..	1,233,227	964,862	75,860	192,505	93	1,033,995	964,862	69,133	93
2339	Women's outerwear, n.e.c.....1963 ¹	785,958	517,105	129,043	139,810	80	³ 933,311	517,105	³ 416,206	55
	1958..	509,569	346,301	79,399	83,869	81	³ 672,382	346,301	³ 326,081	52

Note: See Introduction for an explanation of terms used.

¹See text regarding comparability of 1963 data with earlier years.

²Includes values for women's, misses', and juniors' knit outerwear shirts made by knitting mills. See table 5B.

³Includes values for women's, misses', and juniors' sweaters and other knit outerwear, n.e.c., made by knitting mills. See table 5B.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Blouses (SIC 2331)	Men's dress shirts and nightwear (SIC 2321)	Dresses (SIC 2335)	Women's suits, coats, and skirts (SIC 2337)	Women's outerwear, n.e.c. (SIC 2339)	Children's dresses and blouses (SIC 2361)	Knitting mills (Group 225)	Other industries
	BLOUSE INDUSTRY									
	Total value of shipments.....	(X)	610,185	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Primary products.....	¹ 562,883	386,064	(D)	26,511	51,458	33,929	(D)	¹ 12,970	16,533
23312	Women's, misses', and juniors' knit outerwear sport shirts.....	¹ 71,417	44,257	(D)	685	8,589	2,067	(D)	¹ 12,970	2,085
23317	Women's, misses', and juniors' blouses, waists, and shirts.....	446,643	296,984	32,564	25,826	42,869	31,862	2,090	-	² 14,448
23310	Women's, misses', and juniors' blouses, waists, and skirts, n.s.k.....	44,823	44,823	-	-	-	-	-	-	-
	Secondary products.....	(X)	64,525	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2321-	Men's dress shirts and nightwear.....	(X)	11,360	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2335-	Women's dresses.....	(X)	12,171	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2337-	Women's suits, coats, and skirts.....	(X)	18,124	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2339-	Women's outerwear, n.e.c.....	(X)	11,329	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2361-	Children's blouses and dresses.....	(X)	7,129	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	³ 4,412	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	159,596	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	156,737	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts, including resales..	(X)	2,859	(X)	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Dresses (SIC 2335)	Blouses (SIC 2331)	Women's suits, coats, and skirts (SIC 2337)	Women's outerwear, n.e.c. (SIC 2339)	Other industries
DRESS INDUSTRY							
	Total value of shipments.....	(X)	2,410,972	(X)	(X)	(X)	(X)
	Primary products.....	1,961,858	1,885,862	12,171	40,294	15,371	8,160
23351	Women's, misses', and juniors' dresses sold at a unit price.....	1,378,191	1,323,285	6,642	37,629	7,513	3,122
23352	Women's, misses', and juniors' dresses sold at a dozen price.....	349,751	328,661	5,529	2,665	7,858	5,038
23350	Women's, misses', and juniors' dresses, n.s.k....	233,916	233,916	-	-	-	-
	Secondary products.....	(X)	69,315	(X)	(X)	(X)	(X)
23317	Women's, misses', and juniors' blouses, waists, and shirts.....	(X)	25,826	(X)	(X)	(X)	(X)
23372	Women's, misses', and juniors' suits.....	(X)	15,633	(X)	(X)	(X)	(X)
23374	Women's, misses', and juniors' skirts and jackets	(X)	8,258	(X)	(X)	(X)	(X)
23392	Women's, misses', and juniors' washable service apparel.....	(X)	2,173	(X)	(X)	(X)	(X)
23393	Women's, misses', and juniors' outerwear, n.e.c..	(X)	8,243	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	49,182	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	455,795	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	446,063	(X)	(X)	(X)	(X)
	Other miscellaneous receipts, including resales..	(X)	9,732	(X)	(X)	(X)	(X)
WOMEN'S SUITS, COATS, AND SKIRTS INDUSTRY							
	Total value of shipments.....	(X)	1,522,725	(X)	(X)	(X)	(X)
	Primary products.....	1,256,426	1,154,321	18,124	25,828	26,338	31,815
23371	Women's, misses', and juniors' coats (except fur)	542,911	533,189	(D)	1,937	(D)	⁵ 6,646
23372	Women's, misses', and juniors' suits.....	211,504	192,439	(D)	15,633	(D)	2,057
23374	Women's, misses', and juniors' skirts and jackets	374,432	301,162	17,757	8,258	24,191	⁶ 23,064
23370	Women's, misses', and juniors' suits, coats, and skirts, n.s.k.....	127,579	127,531	(X)	(X)	(X)	48
	Secondary products.....	(X)	153,701	(X)	(X)	(X)	(X)
23312	Women's, misses', and juniors' knit outerwear sport shirts.....	(X)	8,589	(X)	(X)	(X)	(X)
23317	Women's, misses', and juniors' blouses, waists, and shirts.....	(X)	42,869	(X)	(X)	(X)	(X)
23351	Women's, misses', and juniors' dresses sold at a unit price.....	(X)	37,629	(X)	(X)	(X)	(X)
23352	Women's, misses', and juniors' dresses sold at a dozen price.....	(X)	2,665	(X)	(X)	(X)	(X)
23393	Other women's, misses', and juniors' outerwear, n.e.c.....	(X)	49,633	(X)	(X)	(X)	(X)
23630	Coats, suits, snow suits, and coat-and-legging sets.....	(X)	3,615	(X)	(X)	(X)	(X)
23690	Outerwear, n.e.c. made from woven or purchased knit fabrics.....	(X)	2,957	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	5,744	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	214,703	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	199,927	(X)	(X)	(X)	(X)
	Resales.....	(X)	13,017	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	1,759	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Women's outerwear n.e.c. (SIC 2339)	Work clothing (SIC 2328)	Blouses (SIC 2331)	Dresses (SIC 2335)	Women's suits, coats, and skirts (SIC 2337)	Children's outerwear, n.e.c. (SIC 2369)	Knitting mills (Group 225)	Other industries
WOMEN'S OUTERWEAR, N.E.C. INDUSTRY										
	Total value of shipments.....	(X)	785,958	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Primary products.....	7933,311	517,105	26,977	11,329	10,416	50,505	4,777	7270,678	41,524
23392	Women's, misses', and juniors' washable service apparel.....	98,903	84,308	8,462	(D)	2,173	(D)	(X)	(X)	83,392
23393	Other women's, misses', and juniors' outerwear, n.e.c.....	7758,541	358,830	18,515	11,075	8,243	49,633	3,952	7270,678	937,615
23390	Women's, misses', and juniors' outerwear, n.s.k..	75,867	73,967	(X)	(D)	(X)	(D)	825	(X)	517
	Secondary products.....	(X)	129,043	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23214	Men's, youths', and boys' woven dress and sport shirts.....	(X)	3,650	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23271	Men's, youths', and boys' separate and dress sport trousers.....	(X)	4,649	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2328-	Work clothing.....	(X)	10,949	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2329-	Men's, youths', and boys' outerwear, n.e.c.....	(X)	9,083	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23312	Women's, misses', and juniors' knit outerwear sport shirts.....	(X)	2,067	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23317	Women's, misses', and juniors' blouses, waists, and shirts.....	(X)	31,862	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23351	Women's, misses', and juniors' dresses sold at a unit price.....	(X)	7,513	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23352	Women's, misses', and juniors' dresses sold at a dozen price.....	(X)	7,858	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23374	Women's, misses', and juniors' skirts and jackets	(X)	24,191	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23690	Outerwear, n.e.c., made from woven or purchased knit fabrics.....	(X)	11,893	(X)	(X)	(X)	(X)	(X)	(X)	(X)
23990	Fabricated textile products, n.e.c.....	(X)	2,272	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	13,056	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	139,810	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	105,024	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts, including resales..	(X)	34,786	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Women's, misses', and juniors' knit outerwear shirts made by knitting mills (SIC Group 225) are coded as 2253--- products, while women's, misses', and juniors' knit outerwear shirts made by all other industries are coded as 23312-- products. The 2253--- products have been included in order to show the total value of women's, misses', and juniors' knit shirts made by all industries.

²The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2341, Women's and Children's Underwear; and 2327, Separate Trousers.

³Includes the following product class which totals \$2 million or more but is withheld to avoid disclosing individual company figures: 23840, Robes and dressing gowns, men's, boys', and women's, except children's, including brunch coats and housecoats.

⁴Includes the following product class which totals \$2 million or more but is withheld to avoid disclosing individual company figures: 23690, Outerwear, n.e.c.

⁵The following industry had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2363, Children's Coats and Suits.

⁶The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2253, Knit Outerwear Mills; and 2369, Children's Outerwear, N.E.C.

⁷Women's, misses', and juniors' knit sweaters and other knit outerwear, n.e.c., made by knitting mills (SIC Group 225) are coded 2253--- products, while these products made by all other industries are coded as 2339 products. The 2253--- products have been included in order to show the total volume of women's, misses', and juniors' sweaters and other knit outerwear made by all industries.

⁸The following industry had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2392, Housefurnishings N.E.C.

⁹The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2253, Knit Outerwear Mills; 2321, Men's Dress Shirts and Nightwear; 2327, Separate Trousers; and 2329, Men's and Boys' Clothing, N.E.C.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2253- -- } 2331- -- }	WOMEN'S BLOUSES, TOTAL.....		(X)	562,883	(X)	389,265
	Women's, misses', and juniors' knit outerwear sport shirts:					
	As reported in the census of manufactures.....	1,000 dozen...	2,971	71,417	2,302	41,981
22532 32	Made in knitting mills.....	do.....	586	12,970	(NA)	7,858
23312 44	Made in cut-and-sew shops.....	do.....	2,385	58,447	(NA)	34,123
	As reported on Census Annual Form MA-23A.....	do.....	2,723	53,262	(2)	(NA)
23312 11	Chiefly cotton.....	do.....	2,427	(NA)	1,980	(NA)
23312 19	Other fabrics.....	do.....	296	(NA)	322	(NA)
	Women's, misses', and juniors' blouses, waists, and shirts (except knit):					
23317 10	As reported in the census of manufactures.....	do.....	17,712	446,643	14,163	347,284
	As reported on Census Annual Form MA-23A.....	do.....	16,644	423,520	(2)	330,924
	Cotton.....	do.....	11,970	(NA)	10,099	(NA)
	Rayon.....	do.....	875	(NA)	827	(NA)
	Nylon.....	do.....	506	(NA)	828	(NA)
	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	1,541	(NA)	923	(NA)
	Wool.....	do.....	192	(NA)	469	(NA)
	Other fabrics, including silk, linen, etc.....	do.....	1,560	(NA)	1,017	(NA)
	Priced under \$23.00 per dozen.....	do.....	9,069	(NA)	8,168	(NA)
23317 11	Cotton.....	do.....	7,640	(NA)	6,787	(NA)
23317 12	Rayon and acetate.....	do.....	344	(NA)	478	(NA)
23317 13	Nylon.....	do.....	173	(NA)	223	(NA)
23317 14	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	419	(NA)	231	(NA)
23317 15	Wool.....	do.....	55	(NA)	199	(NA)
23317 19	Other fabrics, including silk, linen, etc.....	do.....	438	(NA)	250	(NA)
	Priced from \$23.00 to \$38.99 per dozen.....	do.....	5,042	(NA)	3,973	(NA)
23317 21	Cotton.....	do.....	3,214	(NA)	2,556	(NA)
23317 22	Rayon and acetate.....	do.....	310	(NA)	199	(NA)
23317 23	Nylon.....	do.....	217	(NA)	275	(NA)
23317 24	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	659	(NA)	416	(NA)
23317 25	Wool.....	do.....	49	(NA)	122	(NA)
23317 29	Other fabrics, including silk, linen, etc.....	do.....	593	(NA)	405	(NA)
	Priced from \$39.00 and over per dozen.....	do.....	2,533	(NA)	2,022	(NA)
23317 31	Cotton.....	do.....	1,116	(NA)	756	(NA)
23317 32	Rayon and acetate.....	do.....	221	(NA)	150	(NA)
23317 33	Nylon.....	do.....	116	(NA)	330	(NA)
23317 34	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	463	(NA)	276	(NA)
23317 35	Wool.....	do.....	88	(NA)	148	(NA)
23317 39	Other fabrics, including silk, linen, etc.....	do.....	529	(NA)	362	(NA)
23310 00	Women's, misses', and juniors' blouses, waists, and shirts, n.s.k. (including commission receipts for making blouses, waists, and shirts).....		(X)	344,823	(X)	(X)
23319 11	Receipts for contract work on blouses, waists, and shirts, done for others on their materials.....		(X)	4153,878	(X)	4110,050
2335- --	WOMEN'S, MISSES', AND JUNIORS' DRESSES, TOTAL.....		(X)	1,961,858	(X)	1,624,788
23351 --	Women's, misses', and juniors' dresses sold at a unit-price, total:					
	As reported in the census of manufactures.....	1,000 units...	165,625	1,378,191	145,485	1,307,246
	As reported on Census Annual Form MA-23A.....	do.....	156,869	1,283,577	(2)	(2)
	Priced under \$6.00 per unit, total.....	do.....	63,875	(X)	61,279	(X)
23351 11	Cotton.....	do.....	26,260	(X)	26,097	(X)
23351 12	Rayon and acetate.....	do.....	32,119	(X)	32,659	(X)
23351 13	Nylon.....	do.....	562	(X)	1,144	(X)
23351 14	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	1,688	(X)	492	(X)
23351 15	Wool.....	do.....	2,699	(X)	388	(X)
23351 19	Other fabrics, including silk, linen, etc.....	do.....	547	(X)	499	(X)
	Priced from \$6.00 to \$9.99 per unit, total.....	do.....	53,862	(X)	45,257	(X)
23351 21	Cotton.....	do.....	21,600	(X)	17,674	(X)
23351 22	Rayon and acetate.....	do.....	19,013	(X)	20,275	(X)
23351 23	Nylon.....	do.....	1,542	(X)	1,389	(X)
23351 24	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	2,886	(X)	1,000	(X)
23351 25	Wool.....	do.....	5,400	(X)	2,871	(X)
23351 29	Other fabrics, including silk, linen, etc.....	do.....	3,421	(X)	2,048	(X)
	Priced from \$10.00 to \$15.99 per unit, total.....	do.....	23,891	(X)	25,859	(X)
23351 31	Cotton.....	do.....	6,131	(X)	7,707	(X)
23351 32	Rayon and acetate.....	do.....	8,806	(X)	9,080	(X)
23351 33	Nylon.....	do.....	785	(X)	1,358	(X)
23351 34	Man-made fibers, other than rayon, acetate, and nylon.....	do.....	2,397	(X)	1,480	(X)
23351 35	Wool.....	do.....	3,425	(X)	3,454	(X)
23351 39	Other fabrics, including silk, linen, etc.....	do.....	2,347	(X)	2,780	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2335- --	WOMEN'S, MISSES', AND JUNIORS' DRESSES—Continued					
23351 --	Women's, misses', and juniors' dresses sold at a unit-price—Con. As reported on Census Annual Form MA-23A—Continued					
	Priced from \$16.00 and over per unit, total.....	1,000 units..	15,241	(X)	13,090	(X)
23351 41	Cotton.....	..do.....	1,752	(X)	2,234	(X)
23351 42	Rayon and acetate.....	..do.....	4,737	(X)	4,117	(X)
23351 43	Nylon.....	..do.....	453	(X)	658	(X)
23351 44	Man-made fibers, other than rayon, acetate, and nylon.....	..do.....	359	(X)	238	(X)
23351 45	Wool.....	..do.....	2,533	(X)	1,946	(X)
23351 49	Other fabrics, including silk, linen, etc.....	..do.....	5,407	(X)	3,897	(X)
23352 --	Women's, misses', and juniors' dresses sold at a dozen-price, total:					
	As reported in the census of manufactures.....	1,000 dozen..	8,718	349,751	8,149	317,542
	As reported on Census Annual Form MA-23A.....	..do.....	8,013	322,080	(²)	(²)
	Priced under \$26.00 per dozen, total.....	..do.....	2,501	(X)	(⁵)	(X)
23352 12	Cotton.....	..do.....	2,171	(X)	(⁵)	(X)
23352 18	Other fabrics.....	..do.....	330	(X)	(⁵)	(X)
	Priced from \$26.00 to \$34.99 per dozen, total.....	..do.....	2,189	(X)	(⁵)	(X)
23352 22	Cotton.....	..do.....	1,571	(X)	(⁵)	(X)
23352 28	Other fabrics.....	..do.....	618	(X)	(⁵)	(X)
	Priced from \$35.00 to \$50.99 per dozen, total.....	..do.....	1,825	(X)	(⁵)	(X)
23352 32	Cotton.....	..do.....	1,529	(X)	(⁵)	(X)
23352 38	Other fabrics.....	..do.....	296	(X)	(⁵)	(X)
	Priced from \$51.00 and over per dozen, total.....	..do.....	1,498	(X)	(⁵)	(X)
23352 42	Cotton.....	..do.....	824	(X)	(⁵)	(X)
23352 48	Other fabrics.....	..do.....	674	(X)	(⁵)	(X)
23350 00	Women's, misses', and juniors' dresses (including commission receipts for making such dresses), n.s.k. ³		(X)	233,916	-	-
23359 15	Receipts for contract work on women's, misses', and juniors' dresses done for others on their material ⁴		(X)	423,254	(X)	392,223
2337- --	WOMEN'S SUITS, COATS, AND SKIRTS, TOTAL.....		(X)	1,256,426	(X)	1,033,995
23371 --	Women's coats, trimmed and untrimmed:					
	As reported in the census of manufactures, total.....	1,000 units..	23,441	542,911	23,411	490,079
	As reported on Census Annual Form MA-23A, total.....	..do.....	23,259	510,592	(²)	(²)
23371 11	Fur-trimmed fabric coats, including capes:					
	As reported in the census of manufactures.....	..do.....	4,206	168,141	1,663	90,019
	As reported on Census Annual Form MA-23A.....	..do.....	4,143	(NA)	(²)	(²)
	Priced under \$39.00 per unit.....	..do.....	2,284	(NA)	907	(NA)
23371 14	Wool.....	..do.....	1,873	(NA)	641	(NA)
23371 19	Other fabrics, except leather.....	..do.....	411	(NA)	266	(NA)
	Priced from \$39.00 to \$75.99 per unit.....	..do.....	1,426	(NA)	518	(NA)
23371 24	Wool.....	..do.....	1,333	(NA)	499	(NA)
23371 29	Other fabrics, except leather.....	..do.....	93	(NA)	19	(NA)
	Priced from \$76.00 or over per unit.....	..do.....	433	(NA)	238	(NA)
23371 34	Wool.....	..do.....	6433	(NA)	231	(NA)
23371 39	Other fabrics, except leather.....	..do.....		-	7	(NA)
	Untrimmed fabric coats, including uniform coats, capes, and reversible coats:					
	As reported in the census of manufactures.....	..do.....	19,235	368,787	21,748	400,060
23371 51	Untrimmed fabric coats, excluding uniform.....	..do.....	17,813	357,590	(NA)	378,702
23371 71	Uniform coats, topcoats, and overcoats.....	..do.....	1,422	11,197	(NA)	21,358
	As reported on Census Annual Form MA-23A.....	..do.....	19,116	(NA)	(²)	(²)
	Priced under \$16.00 per unit.....	..do.....	9,640	(NA)	10,415	(NA)
23371 44	Wool.....	..do.....	5,977	(NA)	6,185	(NA)
23371 45	Rayon and acetate.....	..do.....	1,334	(NA)	2,306	(NA)
23371 49	Other fabrics, except leather.....	..do.....	2,329	(NA)	1,924	(NA)
	Priced from \$16.00 to \$38.99 per unit.....	..do.....	7,553	(NA)	8,407	(NA)
23371 54	Wool.....	..do.....	6,439	(NA)	7,623	(NA)
23371 55	Rayon and acetate.....	..do.....	442	(NA)	300	(NA)
23371 59	Other fabrics, except leather.....	..do.....	672	(NA)	484	(NA)
	Priced from \$39.00 or over per unit.....	..do.....	1,923	(NA)	2,926	(NA)
23371 64	Wool.....	..do.....	1,776	(NA)	2,609	(NA)
23371 65	Rayon and acetate.....	..do.....	15	(NA)	84	(NA)
23371 69	Other fabrics, except leather.....	..do.....	132	(NA)	233	(NA)
23371 00	Coats, n.s.k.....	..do.....	7261	5,983	-	-

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	WOMEN'S SUITS, COATS, AND SKIRTS—Continued					
23372 --	Women's suits, excluding ski, snow, or slack:					
	As reported in the census of manufactures, total.....	1,000 units...	11,178	211,504	(NA)	186,067
	As reported on Census Annual Form MA-23A, total.....	..do.....	10,191	193,893	(²)	(²)
23372 11	Suits, excluding uniform:					
	As reported in the census of manufactures.....	..do.....	10,265	197,383	8,999	179,385
	As reported on Census Annual Form MA-23A.....	..do.....	10,191	193,893	(²)	(²)
	Priced under \$16.00 per unit.....	..do.....	6,683	(NA)	5,076	(NA)
23372 31	Wool.....	..do.....	2,704	(NA)	1,647	(NA)
23372 21	Rayon and acetate.....	..do.....	2,447	(NA)	2,681	(NA)
23372 81	Other fabrics.....	..do.....	1,532	(NA)	748	(NA)
	Priced from \$16.00 to \$38.99 per unit.....	..do.....	2,461	(NA)	2,597	(NA)
23372 32	Wool.....	..do.....	1,981	(NA)	2,233	(NA)
23372 22	Rayon and acetate.....	..do.....	243	(NA)	147	(NA)
23372 82	Other fabrics.....	..do.....	237	(NA)	217	(NA)
	Priced from \$39.00 or over per unit.....	..do.....	1,047	(NA)	1,326	(NA)
23372 33	Wool.....	..do.....	797	(NA)	1,147	(NA)
23372 23	Rayon and acetate.....	..do.....	31	(NA)	31	(NA)
23372 83	Other fabrics.....	..do.....	219	(NA)	148	(NA)
23372 16	Tailored uniform suits.....	..do.....	662	9,374	(NA)	6,682
23372 00	Suits, n.s.k.....	..do.....	7251	4,747	-	-
23374 --	Women's skirts and jackets:					
	As reported in the census of manufactures, total.....	.....	(X)	374,432	(X)	311,243
	As reported on Census Annual Form MA-23A, total.....	.....	(X)	375,715	(X)	(²)
23374 10	Separate skirts, including uniform:					
	As reported in the census of manufactures.....	1,000 dozen...	8,703	330,927	7,205	276,896
	As reported on Census Annual Form MA-23A.....	..do.....	8,347	(NA)	(²)	(²)
	Priced under \$39.00 per dozen.....	..do.....	4,691	(NA)	4,054	(NA)
23374 11	Cotton.....	..do.....	2,668	(NA)	2,132	(NA)
23374 21	Rayon and acetate.....	..do.....	630	(NA)	925	(NA)
23374 31	Wool.....	..do.....	1,209	(NA)	859	(NA)
23374 81	Other fabrics.....	..do.....	184	(NA)	138	(NA)
	Priced from \$39.00 to \$75.99 per dozen.....	..do.....	2,473	(NA)	2,289	(NA)
23374 12	Cotton.....	..do.....	804	(NA)	841	(NA)
23374 22	Rayon and acetate.....	..do.....	295	(NA)	297	(NA)
23374 32	Wool.....	..do.....	1,181	(NA)	1,042	(NA)
23374 82	Other fabrics.....	..do.....	193	(NA)	109	(NA)
	Priced from \$76.00 or over per dozen.....	..do.....	1,183	(NA)	862	(NA)
23374 13	Cotton.....	..do.....	226	(NA)	198	(NA)
23374 23	Rayon and acetate.....	..do.....	78	(NA)	53	(NA)
23374 33	Wool.....	..do.....	743	(NA)	544	(NA)
23374 83	Other fabrics.....	..do.....	136	(NA)	67	(NA)
23374 20	Jackets, including uniforms, excluding fur and leather:					
	As reported in the census of manufactures.....	..do.....	710	40,339	683	34,347
	As reported on Census Annual Form MA-23A.....	..do.....	603	(NA)	(²)	(²)
23374 91	Cotton.....	..do.....	326	(NA)	476	(NA)
23374 92	Wool.....	..do.....	142	(NA)	135	(NA)
23374 96	Other fabrics, including plastic.....	..do.....	135	(NA)	72	(NA)
23374 00	Skirts and jackets, n.s.k.....	.....	(X)	3,166	-	-
23370 00	Women's suits, coats, and skirts, including commission receipts for making such garments, n.s.k.....	.....	(X)	3127,579	(X)	46,606
23379 11	Receipts for contract work on women's suits, coats, and skirts, done for others on their material.....	.....	(X)	4188,287	(X)	4178,689
2253- --	WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, N.E.C.....		(X)	933,311	(X)	672,382
2339- --						
23392 11	Aprons, smocks, hooovers, and washable service apparel:					
	As reported in the census of manufactures ⁸	1,000 dozen...	4,713	98,903	4,689	91,674
	As reported on Census Annual Form MA-23A.....	..do.....	1,766	74,183	(²)	(²)
	Washable service apparel, total.....	..do.....	1,766	(NA)	1,674	(NA)
23392 11	Uniforms.....	..do.....	1,534	(NA)	1,288	(NA)
23392 21	Other washable service apparel.....	..do.....	232	(NA)	386	(NA)
23393 11	Scarfs, dickies, and other neckwear (except fur).....	.....	(X)	16,071	(X)	16,106
23393 22	Woven fabric bathing suits:					
	As reported in the census of manufactures.....	1,000 dozen...	711	48,601	1,056	57,549
	As reported on Census Annual Form MA-23A.....	..do.....	710	(X)	(²)	(²)
23393 51	Elastic.....	..do.....	405	(NA)	558	(NA)
23393 52	Other than elastic, except knit.....	..do.....	305	(NA)	498	(NA)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers ¹			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
	WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, N.E.C.—Continued					
	Sweaters, jackets, and jerseys:					
23393 42	As reported in the census of manufactures.....	1,000 dozen...	6,428	277,548	7,314	267,395
22531 32	Made in cut-and-sew shops.....	...do.....	798	43,646	(NA)	24,392
	Made in knitting mills.....	...do.....	5,630	233,902	(NA)	243,003
	As reported on Census Annual Form MA-23A.....	...do.....	5,975	257,253	(²)	(²)
	Pullover sweaters and jerseys, total.....	...do.....	2,606	(NA)	3,737	(NA)
22531 31	All wool.....	...do.....	648	(NA)	636	(NA)
22531 32	All nylon.....	...do.....	352	(NA)	408	(NA)
22531 34	All acrylic fibers.....	...do.....	1,150	(NA)	2,082	(NA)
22531 39	Other, including mixtures and blends.....	...do.....	456	(NA)	611	(NA)
	Coats and cardigan sweaters, total.....	...do.....	3,369	(NA)	3,577	(NA)
22531 41	All wool.....	...do.....	945	(NA)	495	(NA)
22531 42	All nylon.....	...do.....	186	(NA)	253	(NA)
22531 44	All acrylic fibers.....	...do.....	1,949	(NA)	2,307	(NA)
22531 49	Other, including mixtures and blends.....	...do.....	289	(NA)	522	(NA)
23393 29	All other woven fabric outerwear, including play garments, overalls, ski and snowsuits, and leggings.....	.....	(X)	³ 308,219	(X)	³ 189,675
	All other knit fabric outerwear, including knit swimwear.....	.....	(X)	³ 108,102	(X)	³ 27,076
23393 49	Made in cut-and-sew shops.....	.....	(X)	71,326	(X)	18,387
22533 19	Made in knitting mills.....	.....	(X)	36,776	(X)	8,689
23390 00	Other outerwear, n.s.k.....	.....	(X)	³ 75,867	(X)	22,907
23399 25	Receipts for contract work on women's, misses', and juniors' outerwear, n.e.c., done for others on their material.....	.....	(X)	⁴ 100,730	(X)	⁴ 61,190

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. not specified by kind.

¹Establishments in this industry were requested to report "value of shipments" in 1963 and "value of production" in 1958. This change does not significantly affect the comparability of the data for the two years (see text). The quantity data reported for Census Annual Form MA-23A represent cuttings.

²Current survey data for 1958 were revised based on the 1958 Census of Manufactures.

³For 1963, a significant number of firms provided no information on their detailed type of activity (manufacturer, jobber, or contractor), dollar value of their shipments, or receipts for work done on materials owned by others. The figure given is an estimate based on their 1963 payroll, against which industry averages were applied.

⁴Contract receipts are not included in the total shown for the respective 4-digit industries. For 1963, contract receipts include all receipts for work done for others on their materials, regardless of the industry classification of the establishment. For 1958, contract receipts include all receipts for contract work done for others on their materials by establishment classification.

⁵Comparable data for 1958 are not available. The price-line limits of the 1963 intervals vary from \$3.00 to \$5.00 from those used in 1958. The magnitude of change in comparability may be obtained from Current Industrial Reports Series M23A(62)-2, Annual Apparel Survey, page 7. 1958 data for the old price-lines are shown in the 1958 Census of Manufactures report.

⁶Combined to prevent disclosure of operations of individual companies.

⁷Quantity estimated, based on establishments reporting detailed data.

⁸For 1963 and 1958, quantity and value data for aprons, hooovers, and smocks are included in the census of manufactures, but excluded from Census Annual Form MA-23A.

⁹The Census Annual Form MA-23A is only partially comparable to the quantity data shown for the census of manufactures. The data collected on the Census Annual Form MA-23A are shown below:

Code	Product	Unit of measure	1963	1958
23393 11	Dungarees and other play garments, total.....	1,000 dozen.....	6,656	4,907
	Dungarees and jeans.....	...do.....	861	1,090
23393 21	Play shorts, pedal pushers, and Bermuda shorts, total.....	...do.....	4,508	3,031
23393 29	Chiefly cotton.....	...do.....	4,100	2,937
	Other fabrics.....	...do.....	408	94
23393 31	Other play garments, including playsuits, halters, etc., total.....	...do.....	1,287	786
23393 39	Chiefly cotton.....	...do.....	1,098	635
	Other fabrics.....	...do.....	189	151
23393 41	Knit fabric bathing suits.....	...do.....	585	(NA)
23393 61	Slacks, total.....	...do.....	4,728	1,808
23393 62	Cotton.....	...do.....	2,206	1,138
	Other fabrics.....	...do.....	2,522	670

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
233	Women's and misses' outerwear ¹.....1963..	139	103
	.....1958..	109	101
2331-	Women's blouses ².....1963..	142	108
	.....1958..	112	104
23317	Women's, misses', and juniors' blouses, waists, and shirts (except knit).....1963..	133	105
	.....1958..	106	104
2335-	Women's, misses', and juniors' dresses.....1963..	121	99
	.....1958..	108	105
23351	Women's, misses', and juniors' dresses sold at a unit-price.....1963..	120	98
	.....1958..	106	106
23352	Women's, misses', and juniors' dresses sold at a dozen-price.....1963..	112	103
	.....1958..	107	100
2337-	Women's suits, coats and skirts.....1963..	117	95
	.....1958..	99	96
23371	Women's coats, trimmed and untrimmed.....1963..	121	89
	.....1958..	106	91
23372	Women's suits, excluding ski, snow or slack.....1963..	88	97
	.....1958..	75	101
23374	Women's skirts and jackets.....1963..	134	104
	.....1958..	112	102

¹Adjusted to include women's, misses', and juniors' outerwear, n.e.c. (products of industry 2339).

²Adjusted to include women's, misses', and juniors' knit outerwear sport shirts made in cut-and-sew shops (product class 23312), also blouses, waists, and shirts not specified by kind.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963 ¹	1962 ²	1961 ²	1960 ²	1959 ²	1958	1954	1947
2331-	Blouses.....	3549,913	477,771	454,366	434,210	400,350	381,407	(NA)	(NA)
23312	Women's, misses', and juniors', knit outerwear sport shirts, made from purchased knit fabrics (see also code 22532).....	358,447	48,259	36,573	31,708	30,285	34,123	(NA)	(NA)
23317	Women's, misses', and juniors' blouses, waists, and shirts.....	446,643	429,512	417,793	402,502	370,065	347,284	315,658	237,840
23310	Women's, misses', and juniors' blouses, waists, and shirts, n.s.k.....	44,823	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2335-	Dresses ⁴	1,961,858	1,859,392	1,772,571	1,789,484	1,760,042	1,624,788	1,478,384	(NA)
23351	Women's, misses', and juniors' dresses sold at a unit price.....	1,378,191	1,560,188	1,486,961	1,443,376	1,441,512	1,307,246	1,167,255	(NA)
23352	Women's, misses', and juniors' dresses sold at a dozen price.....	349,751	294,204	280,610	341,108	313,530	317,542	296,789	(NA)
23350	Women's, misses', and juniors' dresses, n.s.k.....	233,916	(X)	(X)	(X)	(X)	-	14,340	(NA)
2337-	Women's suits, coats, and skirts.....	1,256,426	1,188,572	1,113,161	1,087,271	1,089,350	1,033,995	(NA)	(NA)
23371	Women's, misses', and juniors' coats (except fur).....	542,911	581,916	524,705	494,103	493,028	490,079	509,390	505,105
23372	Women's, misses', and juniors' suits.....	211,504	178,296	182,746	183,561	198,374	186,067	245,581	341,402
23374	Women's, misses', and juniors' skirts and jackets.....	374,432	369,551	365,545	368,564	351,420	311,243	272,770	(NA)
23370	Women's, misses', and juniors' suits, coats, and skirts, n.s.k.....	127,579	(S)	(S)	(S)	(S)	46,606	(NA)	(NA)
2339-	Women's, misses', and juniors' outerwear, n.e.c. ⁴	3662,633	582,645	511,211	486,517	483,592	423,690	(NA)	(NA)
23392	Women's, misses', and juniors' washable service apparel.....	98,903	120,056	110,159	108,374	114,114	91,674	56,602	(NA)
23393	Women's, misses', and juniors' outerwear, n.e.c.....	3487,863	459,589	398,052	375,143	366,472	329,016	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimates or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

³For purposes of comparability with prior years' annual survey of manufactures data, the value of shipments of the knitting mills (Group 225) has been excluded. (See tables 5B and 6A.)

⁴Data for Alaska and Hawaii have been included in the 4-digit estimates where output amounted to approximately \$1 million or more for the years 1959-1962. If an industry does not have an "all other" or "n.s.k." product class, the sum of 5-digit classes may not add to the 4-digit total, because of the addition to the 4-digit total of data for Alaska and Hawaii or for other technical reasons.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
WOMEN'S, MISSES', AND JUNIORS' BLOUSES, WAISTS, AND SHIRTS ² (23317)			WOMEN'S, MISSES', AND JUNIORS' DRESSES SOLD AT A DOZEN-PRICE ² (23352)			WOMEN'S, MISSES', AND JUNIORS' SUITS ² (23372)—Continued		
United States, total....	446,643	347,284	United States, total....	349,751	317,542	East North Central.....	10,879	14,305
New England.....	14,674	13,575	New England.....	34,834	14,852	Ohio.....	2,382	1,206
Massachusetts.....	12,393	10,659	Middle Atlantic.....	166,130	153,282	Illinois.....	5,690	10,511
Middle Atlantic.....	289,574	238,079	New York.....	103,130	97,327	West North Central.....	9,744	6,987
New York.....	213,455	198,922	New Jersey.....	3,804	5,192	South Atlantic.....	8,110	7,374
New Jersey.....	12,752	9,025	Pennsylvania.....	59,196	50,763	West South Central.....	4,743	4,231
Pennsylvania.....	63,367	30,132	East North Central.....	59,134	54,208	West.....	17,926	(³)
East North Central.....	24,658	16,253	Ohio.....	10,595	12,703	California.....	17,374	16,987
Illinois.....	3,277	4,536	Illinois.....	41,802	37,106	WOMEN'S, MISSES', AND JUNIORS' SKIRTS AND JACKETS ² (23374)		
Wisconsin.....	2,474	1,151	East North Central.....	20,996	28,244	United States, total....	374,432	311,243
West North Central.....	10,964	5,525	Missouri.....	16,748	26,115	New England.....	68,173	54,278
Missouri.....	7,733	3,814	South Atlantic.....	40,369	39,755	Massachusetts.....	64,373	53,797
South Atlantic.....	31,965	16,799	North Carolina.....	4,535	(³)	Middle Atlantic.....	204,332	180,016
Maryland.....	11,289	5,216	Florida.....	1,282	1,244	New York.....	179,835	166,147
Virginia.....	1,281	(Z)	East South Central.....	4,069	6,356	New Jersey.....	14,402	7,575
North Carolina.....	5,070	6,306	West South Central.....	9,704	8,769	Pennsylvania.....	10,095	6,294
South Carolina.....	1,958	(Z)	West.....	14,515	12,079	East North Central.....	28,293	19,734
Georgia.....	11,308	1,435	California.....	10,588	8,997	Indiana.....	2,311	3,537
East South Central.....	23,209	11,850	WOMEN'S, MISSES', AND JUNIORS' COATS, EXCEPT FUR ² (23371)			Illinois.....	1,460	(³)
Kentucky.....	1,149	(Z)	United States, total....	542,911	490,079	West North Central.....	12,095	14,652
West South Central.....	12,976	9,854	New England.....	33,077	19,524	Missouri.....	7,358	5,235
West.....	38,623	35,349	Massachusetts.....	16,468	13,894	South Atlantic.....	7,626	3,317
California.....	37,148	33,188	Middle Atlantic.....	402,137	364,696	North Carolina.....	3,165	(Z)
WOMEN'S, MISSES', AND JUNIORS' DRESSES SOLD AT A UNIT-PRICE ² (23351)			New York.....	368,302	340,214	Florida.....	2,298	(Z)
United States, total....	1,378,191	1,307,246	New Jersey.....	25,124	16,112	East South Central.....	3,165	(Z)
New England.....	65,069	73,308	Pennsylvania.....	8,711	8,370	West South Central.....	4,731	6,797
Massachusetts.....	55,329	60,565	East North Central.....	25,362	27,680	West.....	46,017	32,123
Middle Atlantic.....	1,015,088	1,007,556	Illinois.....	21,500	21,947	Washington.....	3,298	(³)
New York.....	924,840	919,930	West North Central.....	26,047	24,129	California.....	39,720	28,580
New Jersey.....	36,362	50,528	Missouri.....	19,545	21,217	WOMEN'S, MISSES', AND JUNIORS' WASHABLE SERVICE APPAREL ² (23392)		
Pennsylvania.....	53,886	37,098	South.....	11,725	(³)	United States, total....	98,903	91,674
East North Central.....	55,081	48,303	Maryland.....	6,875	9,075	New England.....	4,521	6,922
Indiana.....	3,887	(Z)	West.....	44,563	(Z)	Middle Atlantic.....	38,032	42,082
Illinois.....	24,335	26,959	Washington.....	2,740	(Z)	New York.....	33,981	36,811
West North Central.....	40,964	34,873	Oregon.....	1,699	1,132	East North Central.....	7,991	7,249
Missouri.....	36,887	28,689	California.....	39,708	35,120	Indiana.....	3,650	2,323
South Atlantic.....	24,122	(³)	WOMEN'S, MISSES', AND JUNIORS' SUITS ² (23372)			Illinois.....	1,636	2,704
North Carolina.....	2,005	1,783	United States, total....	211,504	186,067	Michigan.....	1,602	1,320
Georgia.....	4,555	3,302	New England.....	18,022	5,219	West North Central.....	16,875	12,657
Florida.....	14,171	14,452	Middle Atlantic.....	142,080	130,357	South Atlantic.....	18,214	13,091
East South Central.....	10,693	(³)	New York.....	130,755	124,299	Maryland.....	8,712	5,129
West South Central.....	52,420	(³)	New Jersey.....	8,299	3,462	Georgia.....	4,316	3,624
Oklahoma.....	1,955	(Z)	Pennsylvania.....	3,026	2,596	East South Central.....	6,114	(³)
Texas.....	50,465	23,981				West South Central.....	3,122	3,232
Mountain.....	1,649	(³)				West.....	4,034	(³)
Pacific.....	113,105	(³)				California.....	3,323	3,893
California.....	108,080	84,963						
Hawaii.....	4,297	(Z)						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Shipments of less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23317, Maine, Ohio, Indiana, Nebraska, Kansas, Tennessee, Mississippi, Arkansas, and Texas; 23351, Vermont, Connecticut, Ohio, Michigan, Wisconsin, Minnesota, Maryland, Tennessee, and Alabama; 23352, Massachusetts, Indiana, Iowa, Kansas, Delaware, Virginia, West Virginia, South Carolina, Georgia, Kentucky, Tennessee, Arkansas, Texas, and Utah; 23371, Rhode Island, Connecticut, Ohio, Wisconsin, Minnesota, Kansas, and Tennessee; 23372, Massachusetts, Connecticut, Wisconsin, Missouri, Nebraska, Maryland, and Texas; 23374, New Hampshire, Connecticut, Ohio, Wisconsin, Minnesota, Nebraska, Tennessee, Texas, and Oregon; 23392, Massachusetts, Pennsylvania, Minnesota, Missouri, Virginia, Florida, Tennessee, Alabama, and Texas.

²See text regarding comparability between 1963 and earlier years.

³Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963		1958	
		Quantity	Delivered cost	Quantity	Delivered cost
		(1,000 lin. yards)	(\$1,000)	(1,000 lin. yards)	(\$1,000)
		INDUSTRY 2331.—BLOUSES			
	Materials, supplies, and containers, total.....	(X)	204,799	(X)	164,820
	Broad-woven fabrics.....	204,342	124,272	172,238	101,592
220124	Suiting and coating piece goods, excluding linings.....	11,342	9,654	172,238	101,592
220125	All other piece goods, including linings.....	193,000	114,618		
225601	Knitted fabrics (cotton, wool, man-made fiber fabrics, etc.).....	35,616	30,083	(X)	45,983
970099	All other materials, containers and supplies.....	(X)	15,481		
976000	Materials, containers and supplies, n.s.k. ¹	(X)	34,963		
		INDUSTRY 2335.—DRESSES			
	Materials, supplies, and containers, total.....	(X)	801,419	(X)	689,474
	Broad-woven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	35,182	37,286	731,213	520,678
220125	All other piece goods, including linings.....	630,105	426,833		
225601	Knitted fabrics (cotton, wool, man-made fiber fabrics, etc.).....	106,686	103,166	(X)	107,987
970099	All other materials, containers and supplies.....	(X)	47,760		
976000	Materials, containers and supplies, n.s.k. ¹	(X)	186,374		
		INDUSTRY 2337.—WOMEN'S SUITS, COATS, AND SKIRTS			
	Materials, supplies, and containers, total.....	(X)	634,463	(X)	521,377
	Broad-woven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	87,013	223,302	252,314	380,480
220125	All other piece goods, including linings.....	293,266	187,199		
225601	Knitted fabrics.....	29,675	34,221	(X)	66,151
970099	All other materials, containers and supplies.....	(X)	62,661		
976000	Materials, supplies and containers, n.s.k. ¹	(X)	127,080		
		INDUSTRY 2339.—WOMEN'S OUTERWEAR, N.E.C.			
	Materials, supplies, and containers, total.....	(X)	310,209	(X)	201,304
	Broad-woven fabrics:				
220124	Suiting and coating piece goods, excluding linings.....	7,377	11,614	213,968	135,806
220125	All other piece goods, including linings.....	261,562	162,755		
225601	Knitted fabrics.....	52,614	45,946	(X)	41,025
970099	All other materials, containers and supplies.....	(X)	19,728		
976000	Materials, supplies and containers, n.s.k. ¹	(X)	70,166		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Blouses (SIC 2331)	Dresses (SIC 2335)	Women's suits, coats, and skirts (SIC 2337)	Women's outerwear, n.e.c. (SIC 2339)
Total cost of purchased fuels and electric energy.....\$1,000..	2,184	8,758	5,677	2,189
Total cost of purchased fuels.....do....	296	1,925	1,716	641
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	(S)	6	(S)	(S)
Cost.....\$1,000..	(S)	77	(S)	(S)
Coke and breeze:				
Quantity.....1,000 short tons..	-	-	-	-
Cost.....\$1,000..	-	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	(S)	58	62	(S)
Cost.....\$1,000..	(S)	325	305	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	(S)	197	314	306
Cost.....\$1,000..	(S)	141	215	219
Other fuels.....do....	(S)	1,382	1,175	258
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	86	324	193	78
Cost.....\$1,000..	1,888	6,833	3,961	1,548
Generated less sold.....million kw.-hrs..	-	(S)	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	-	-	-	-
Prime movers, total.....do....	-	-	-	-
Driving generators.....do....	-	-	-	-
Not driving generators.....do....	-	-	-	-
Electric motors, total.....do....	-	-	-	-
Driven by purchased energy.....do....	-	-	-	-
Driven by energy generated at establishment.....do....	-	-	-	-
Aggregate horsepower per 100 production workers.....	-	-	-	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2331-11	BLOUSES—MANUFACTURERS										
	Entire subindustry.....	171	10,188	31,674	9,109	16,924	25,957	53,818	57,602	110,865	1,033
	Establishments with--										
	90% or more specialization	134	4,545	15,395	4,043	7,250	12,584	29,651	31,968	58,178	572
	75-89% specialization.....	14	1,270	3,752	1,136	1,992	2,906	7,780	5,067	12,934	53
23312-11	Women's, misses', and juniors' knit outerwear sport shirts-manufacturers (primary product class of estab.).....	19	1,095	3,670	949	1,817	3,063	5,225	9,631	14,862	94
	Establishments with--										
	90% or more specialization..	14	566	1,883	509	866	1,605	2,529	5,805	8,387	80
23317-11	Women's, misses', and juniors' blouses, waists, and shirts-manufacturers (primary product class of estab.).....	126	8,908	27,489	7,986	14,803	22,417	47,369	47,244	94,020	928
	Establishments with--										
	90% or more specialization..	92	3,688	12,602	3,267	5,921	10,203	25,382	24,952	46,816	473
	75-89% specialization.....	11	848	2,334	793	1,326	2,025	4,379	3,615	8,103	26
2331-22	BLOUSES—JOBBERs										
	Entire subindustry.....	157	4,051	25,693	2,427	4,891	10,407	78,199	222,798	297,691	378
	Establishments with--										
	90% or more specialization	114	2,550	17,056	1,507	3,133	6,596	52,259	155,389	206,480	270
	75-89% specialization.....	7	160	1,285	63	132	265	3,417	13,622	16,353	16
23312-22	Women's, misses', and juniors' knit outerwear sport shirts-jobbers (primary product class of estab.).....	19	330	2,283	162	318	700	10,030	27,516	37,021	81
	Establishments with--										
	90% or more specialization..	13	232	1,577	131	259	576	6,528	16,087	22,328	67
23317-22	Women's, misses', and juniors' blouses, waists, and shirts-jobbers (primary product class of estab.).....	138	3,721	23,410	2,265	4,573	9,707	68,169	195,282	260,670	297
	Establishments with--										
	90% or more specialization..	96	2,226	14,910	1,354	2,828	5,897	41,307	127,893	167,856	197
	75-89% specialization.....	7	160	1,285	63	132	265	3,417	13,622	16,353	16
2335-11	DRESSES—MANUFACTURERS										
	Entire subindustry.....	970	46,446	177,028	39,517	71,727	133,844	305,086	295,405	601,158	4,225
	Establishments with--										
	90% or more specialization	869	40,925	154,833	34,943	63,282	118,119	266,930	261,888	529,293	3,576
	75-89% specialization.....	18	1,131	4,440	951	1,807	3,411	7,759	6,975	14,739	357
23351-11	Women's, misses', and juniors' dresses sold at a unit price-manufacturers (primary product class of estab.).....	551	26,505	113,187	22,342	40,600	83,407	191,208	178,844	370,280	2,028
	Establishments with--										
	90% or more specialization..	465	21,986	93,873	18,576	33,395	69,899	157,710	151,470	309,381	1,435
	75-89% specialization.....	17	1,153	4,551	967	1,998	3,490	7,950	6,943	14,905	335
23352-11	Women's, misses', and juniors' dresses sold at a dozen price-manufacturers (primary product class of estab.).....	152	15,212	51,289	13,218	23,991	40,384	83,369	94,672	178,109	1,464
	Establishments with--										
	90% or more specialization..	127	13,158	44,997	11,461	21,018	35,379	73,599	84,300	157,922	1,391
	75-89% specialization.....	4	579	1,708	529	841	1,467	2,412	2,231	4,589	(D)
2335-22	DRESSES—JOBBERs										
	Entire subindustry.....	681	16,738	117,191	9,261	17,557	52,686	340,206	822,247	1,156,772	2,104
	Establishments with--										
	90% or more specialization	644	14,699	104,560	8,185	15,462	46,986	300,359	745,987	1,042,518	1,881
	75-89% specialization.....	8	669	4,489	375	778	2,163	7,923	22,673	30,374	156

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2335-22	DRESSES—JOBBER—Continued										
23351-22	Women's, misses', and juniors' dresses sold at a unit price-jobbers (primary product class of estab.).....	586	14,383	102,088	8,040	15,380	47,220	286,102	693,618	975,437	1,869
	Establishments with—										
	90% or more specialization..	554	12,662	90,906	7,129	13,539	42,112	253,906	637,148	888,732	1,650
	75-89% specialization.....	7	671	4,518	377	780	2,177	7,992	22,963	30,734	(D)
23352-22	Women's, misses', and juniors' dresses sold at a dozen price-jobbers (primary product class of estab.).....	74	2,104	13,421	1,107	1,967	4,849	42,853	112,754	153,959	200
	Establishments with—										
	90% or more specialization..	67	1,815	12,246	936	1,713	4,267	40,571	99,681	138,702	187
2337-11	WOMEN'S SUITS, COATS, AND SKIRTS—MANUFACTURERS										
	Entire subindustry.....	573	23,878	108,274	20,109	36,100	79,238	189,909	214,642	405,133	4,530
	Establishments with—										
	90% or more specialization	480	18,036	82,260	15,274	26,850	60,484	143,499	165,595	310,259	3,287
	75-89% specialization.....	25	1,479	7,735	1,127	2,086	5,078	15,865	18,685	34,838	511
23371-11	Women's, misses', and juniors' coats, except fur-manufacturers (primary product class of estab.).....	262	12,490	60,066	10,567	18,596	43,135	102,242	124,893	227,788	2,294
	Establishments with—										
	90% or more specialization..	196	7,077	35,548	6,015	10,579	25,397	64,794	78,109	143,240	1,625
	75-89% specialization.....	20	1,662	8,885	1,321	2,286	5,434	12,594	15,028	27,833	363
23372-11	Women's, misses', and juniors' suits-manufacturers (primary product class of estab.).....	75	3,568	16,888	2,959	5,192	12,697	27,241	26,601	53,771	546
	Establishments with—										
	90% or more specialization..	42	2,052	8,506	1,762	3,049	6,600	13,347	15,331	28,805	439
	75-89% specialization.....	5	160	831	132	223	630	1,056	902	1,922	30
23374-11	Women's, misses', and juniors' skirts and jackets-manufacturers (primary product class of estab.).....	141	6,444	26,684	5,385	10,205	19,707	50,480	55,870	106,155	1,062
	Establishments with—										
	90% or more specialization..	84	2,511	9,881	2,141	3,818	7,486	17,911	23,478	41,499	452
	75-89% specialization.....	10	285	1,509	185	311	772	3,374	6,754	10,385	(D)
2337-22	WOMEN'S, MISSES', AND JUNIORS', SUITS, COATS AND SKIRTS—JOBBER										
	Entire subindustry.....	455	11,656	74,912	6,557	12,360	33,093	194,331	596,370	786,096	1,489
	Establishments with—										
	90% or more specialization	380	7,010	46,642	3,669	7,026	20,301	118,667	412,852	529,339	717
	75-89% specialization.....	21	579	3,405	365	594	1,530	9,076	23,120	32,420	69
23371-22	Women's, misses', and juniors' coats, except fur-jobbers (primary product class of estab.).....	222	4,315	28,824	2,081	4,034	12,439	74,074	261,726	334,450	398
	Establishments with—										
	90% or more specialization..	183	3,396	22,272	1,608	3,155	9,885	58,763	211,223	268,687	245
	75-89% specialization.....	18	404	2,976	207	381	1,278	7,087	22,439	29,461	49
23372-22	Women's, misses', and juniors' suits-jobbers (primary product class of estab.).....	64	1,592	11,389	957	1,797	5,321	27,817	75,483	102,402	216
	Establishments with—										
	90% or more specialization..	43	1,131	7,632	656	1,244	3,316	19,407	50,720	69,506	137
23374-22	Women's, misses', and juniors' skirts and jackets-jobbers (primary product class of estab.).....	147	5,657	34,199	3,487	6,481	15,180	90,503	253,492	341,720	867
	Establishments with—										
	90% or more specialization..	84	1,251	7,963	756	1,480	3,585	19,573	79,001	98,670	154
	75-89% specialization.....	14	275	1,658	175	213	642	4,624	11,890	16,632	23

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2339-11	WOMEN'S OUTERWEAR, N.E.C.—MANUFACTURERS										
	Entire subindustry.....	704	29,557	102,664	25,000	45,956	75,633	172,929	199,711	376,867	4,399
	Establishments with—										
	90% or more specialization	591	18,047	60,535	15,568	28,541	46,276	108,372	113,596	220,848	2,846
	75-89% specialization.....	27	1,302	4,486	1,134	1,998	3,347	9,020	9,150	18,698	108
23392-11	Women's, misses', and juniors' washable service apparel-manufacturers (primary product class of estab.).....	134	5,816	19,508	5,174	9,163	14,580	30,346	38,316	69,096	1,159
	Establishments with—										
	90% or more specialization..	109	3,632	12,339	3,248	5,914	9,452	19,242	22,232	41,659	824
	75-89% specialization.....	8	368	1,146	314	546	839	2,363	2,774	5,189	15
23393-11	Women's, misses', and juniors' outerwear, n.e.c.-manufacturers (primary product class of estab.).....	214	16,984	65,119	13,991	26,488	46,413	108,639	126,769	238,857	1,967
	Establishments with—										
	90% or more specialization..	136	7,836	30,224	6,649	12,513	22,138	55,738	56,315	110,487	752
	75-89% specialization.....	19	923	3,552	799	1,420	2,768	6,516	7,355	14,343	102
2339-22	WOMEN'S OUTERWEAR, N.E.C.—JOBBER										
	Entire subindustry.....	153	5,881	28,842	3,611	7,226	13,618	77,424	235,744	311,224	687
	Establishments with—										
	90% or more specialization	111	1,980	11,062	1,137	2,089	4,776	31,495	91,904	122,764	314
	75-89% specialization.....	15	1,302	6,204	938	1,798	2,943	12,969	35,290	46,897	78
23392-22	Women's, misses', and juniors' washable service apparel-jobbers (primary product class of estab.).....	24	748	3,281	542	1,097	1,645	8,971	29,001	37,857	60
23393-22	Other women's, misses', and juniors' outerwear, n.e.c.-jobbers (primary product class of estab.).....	111	4,976	24,806	3,009	6,029	11,716	65,962	201,086	265,236	605
	Establishments with—										
	90% or more specialization..	74	1,224	7,625	679	1,260	3,428	23,664	69,760	92,693	235

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

WOMEN'S AND CHILDREN'S UNDERWEAR; HEADWEAR; CHILDREN'S OUTERWEAR

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2341—Women's, Misses', Children's, and Infants' Underwear and Nightwear
- 2342—Corsets and Allied Garments
- 2351—Millinery
- 2352—Hats and Caps, Except Millinery
- 2361—Dresses, Blouses, Waists, and Shirts
- 2363—Children's Coats and Suits
- 2369—Girls', Children's, and Infants' Outwear, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This major group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the census of business.

Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, do maintain the cutting operation within their own establishments; only the final actual processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

Classification of Establishments

Since these different methods of operation lead to significant differences in the various relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2 to 4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer;" if the contract payments, exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly, for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multiplant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others;" the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are usually described in the trade, where contractors are usually thought of as independently owned establishments.

2341—WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERWEAR AND NIGHTWEAR

This industry comprises establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and

nightwear are classified in industry 2254. For a detailed list of products of industry 2341, refer to table 6A, product codes 2341201 to 2341331.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$3 million, or less than 1 percent.

Value of shipments and other receipts of the Women's and Children's Underwear Industry totaled \$976 million. This amount included shipments of women's, misses', juniors', children's, and infants' underwear and nightwear (primary products) valued at \$802 million, shipments of other products (secondary products) valued at \$56 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$118 million.

This industry's shipments of women's and children's underwear represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 96 percent. Secondary products shipped by this industry in 1963 consisted mainly of men's and boys' underwear (\$11 million), and corsets and allied garments (\$10 million).

Women's and children's knit underwear and nightwear made in knitting mills are classified as primary products of industry 2254, Knit Underwear Mills, while the production of women's and children's knit underwear cut and sewed from purchased knit fabric is included in industry 2341. In order to show the total value of women's and children's underwear made by all industries (regardless of the method of production), combined values for the 2254--- and 2341--- products are given in tables 5 and 6. Using the combined figure of \$948 million of women's and children's underwear and nightwear as the base, industry 2341 production of women's and children's underwear and nightwear in 1963 accounted for 85 percent of the total dollar value of these products. In 1958 the coverage ratio was 83 percent. Other industries making women's and children's underwear and nightwear consisted mainly of industry 2369, Children's Outerwear, N.E.C., \$11 million, and Group 225, Knitting Mills, \$115 million.

The production index for the primary products of the industry increased to 130 in 1963 from the 1958 level of 112. The unit value index for 1963 was 92 compared to 95 in 1958. Both indexes were computed on a basis of 1954 = 100.

2342—CORSETS AND ALLIED GARMENTS

This industry comprises establishments primarily engaged in manufacturing corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in industry 3842.

In the 1957 edition of the Standard Industrial Classification Manual the definition for industry 2342 was revised to exclude the output of garter belts and surgical corsets. Beginning with 1958, garter belts are considered primary to industry 2389, Apparel, N.E.C., while surgical corsets are included in industry 3842, Surgical Appliances and Supplies. To a minor extent, the data shown for 1957 and earlier years, which are based on the 1945 Standard Industrial Classification definition, are not comparable with the figures for 1958

to 1963. For a detailed list of products of industry 2342, refer to table 6A, product codes 2342110 to 2342281.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Corsets and Allied Garments Industry totaled \$594 million. This amount included shipments of corsets and allied garments (primary products) valued at \$514 million, shipments of other products (secondary products) valued at \$25 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$55 million.

This industry's shipments of corsets and allied garments represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 96 percent. Secondary products shipped by this industry in 1963 consisted mainly of women's and children's underwear (\$7 million), and apparel, n.e.c. (\$7 million).

Shipments of corsets and allied garments by this industry represented 97 percent of all shipments of these products (\$532 million) by all industries. In 1958 the coverage ratio was 98 percent. Other industries shipping corsets and allied garments consisted mainly of industry 2341, Women's and Children's Underwear, \$10 million; and industry 3842, Surgical Appliances and Supplies, \$4 million.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in an increase of \$.8 million, or less than 1 percent.

The production index for the primary products of the industry increased to 133 in 1963 from the 1958 level of 111. The unit value index for 1963 was 113 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

2351—MILLINERY

This industry comprises establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in industry 2396. For a detailed list of products of industry 2351, refer to table 6A, product codes 2351011 to 2351033.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories.

For 1958, the finished products inventories adjustment would result in an increase of \$.3 million, or less than 1 percent.

Value of shipments and other receipts of the Millinery Industry totaled \$163 million. This amount included shipments of millinery (women's, children's, and infants' trimmed hats made from hat bodies or other millinery materials) (primary products) valued at \$159 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$4 million.

This industry's shipments of millinery represented 100 percent of its total product shipments. The industry specialization ratio in 1958 was also 100 percent.

Shipments of millinery (women's, children's, and infants' trimmed hats made from hat bodies or other millinery materials) by this industry represented 100 percent of all shipments of these products (\$160 million) by all industries. In 1958 the coverage ratio was 99 percent.

The production index for the primary products of the industry decreased to 100 in 1963 from the 1958 level of 114. The unit value index for 1963 was 93 compared to 95 in 1958. Both indexes were computed on a basis of 1954 = 100.

2352—HATS AND CAPS, EXCEPT MILLINERY

This industry comprises establishments primarily engaged in manufacturing hats and caps, except millinery, and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in industry 2253. For a detailed list of products of industry 2352, refer to table 6A, product codes 2352111 to 2352241.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in a decrease of \$.4 million, or less than 1 percent.

Value of shipments and other receipts of the Hats and Caps Industry totaled over \$171 million. This amount included shipments of hats and caps, except millinery (primary products) valued at \$158 million, shipments of other products (secondary products) valued at \$4 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$10 million.

This industry's shipments of hats and caps, except millinery, represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was also 98 percent.

Shipments of hats and caps, except millinery, by this industry represented 98 percent of all shipments of these products (\$161 million) by all industries. In 1958 the coverage ratio was also 98 percent.

The production index for the primary products of the industry decreased to 79 in 1963 from the 1958 level of 86. The unit value index for 1963 was 122 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2361—DRESSES, BLOUSES, WAISTS, AND SHIRTS

This industry comprises establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. For a detailed list of products of industry 2361, refer to table 6A, product codes 2361012 to 2361211.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories. For 1958, the finished products inventories adjustment would result in an increase of \$.6 million, or less than 1 percent.

Value of shipments and other receipts of the Children's Dresses and Blouses Industry totaled \$443 million. This amount included shipments of girls' and children's dresses, blouses, waists, and shirts (primary products) valued at \$337 million, shipments of other products (secondary products) valued at \$37 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$69 million.

This industry's shipments of girls' and children's dresses, blouses, waists, and shirts represented 90 percent of its total product shipments. The industry specialization ratio in 1958 was 96 percent. Secondary products shipped by this industry in 1963 consisted mainly of children's outerwear, n.e.c. (\$19 million), and women's, misses', and juniors' blouses, waists, and shirts (except knit) (\$2 million).

Girls' and children's knit outerwear shirts made in knitting mills are classified as primary products of industry 2253, Knit Outerwear Mills, while the production of girls' and children's knit shirts cut and sewed from purchased knit fabric is included in industry 2361. In order to show the total value of girls' and children's knit outerwear shirts made by all industries (regardless of the method of production), combined values for the 2253--- and the 2361--- products, are given in tables 5, 6A, and 6D. Using the combined figure of \$410 million of girls' and children's dresses, blouses, and knit shirts as the base, industry 2361 production of girls' and children's dresses, blouses, and knit shirts in 1963 accounted for 82 percent of the total dollar value of these products. Other industries making girls' and children's dresses, blouses, waists, and shirts (primary products) consisted mainly of industry 2369, Children's Outerwear, N.E.C., \$27 million, and Group 225, Knitting Mills, \$21 million. In 1958 the coverage ratio was 83 percent.

The production index for the primary products of the industry increased to 129 in 1963 from the 1958 level of 122. The unit value index for 1963 was 114 compared to 99 in 1958. Both indexes were computed on a basis of 1954 = 100.

2363—CHILDREN'S COATS AND SUITS

This industry comprises establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. For a detailed list of products of industry 2363, refer to table 6A, product code 2363012.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4.

Value of shipments and other receipts of the Children's Coats and Suits Industry totaled \$163 million. This amount included shipments of girls', children's, and infants' coats and suits (primary products) valued at \$126 million, shipments of other products (secondary products) valued at \$11 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$26 million.

This industry's shipments of children's coats and suits represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 95 percent. Secondary products shipped by this industry in 1963 consisted mainly of women's, misses', and juniors' coats (\$3 million), and children's outerwear, n.e.c. (\$2 million).

Shipments of girls', children's, and infants' coats and suits by this industry represented 85 percent of all shipments of these products (\$149 million) by all industries. In 1958 the coverage ratio was 85 percent. Other industries shipping girls', children's, and infants' coats and suits consisted mainly of industry 2337, Women's Suits, Coats, and Skirts, \$4 million; and industry 2311, Men's and Boys' Suits and Coats, \$2 million.

The production index for the primary products of the industry decreased to 100 in 1963 from the 1958 level of 104. The unit value index for 1963 was 89 compared to 92 in 1958. Both indexes were computed on a basis of 1954 = 100.

2369—GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, n.e.c., cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. For a detailed list of products of industry 2369, refer to table 6A, product codes 2369011 to 2369079.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

However, in the 1957 edition of the Standard Industrial Classification Manual the definition for industry 2369 was revised to exclude the output of girls' and children's knit outerwear shirts. This product is now considered primary to industry 2361, Children's Dresses and Blouses. To this extent, the figures shown for 1957 and earlier years are not comparable with the 1958 to 1963 figures on the new SIC basis.

Value of shipments and other receipts of the children's outerwear, n.e.c., industry totaled \$420 million. This amount included shipments of girls', children's, and infants' outerwear, n.e.c. (primary products) valued at \$291 million, shipments of other products (secondary products) valued at \$77 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$52 million.

This industry's shipments of children's outerwear, n.e.c., represented 79 percent of its total product shipments. The industry specialization ratio in 1958 was also 79 percent. Secondary products shipped by this industry in 1963 consisted mainly of girls' and children's dresses and blouses (\$17 million), and girls' and children's knit shirts (\$11 million).

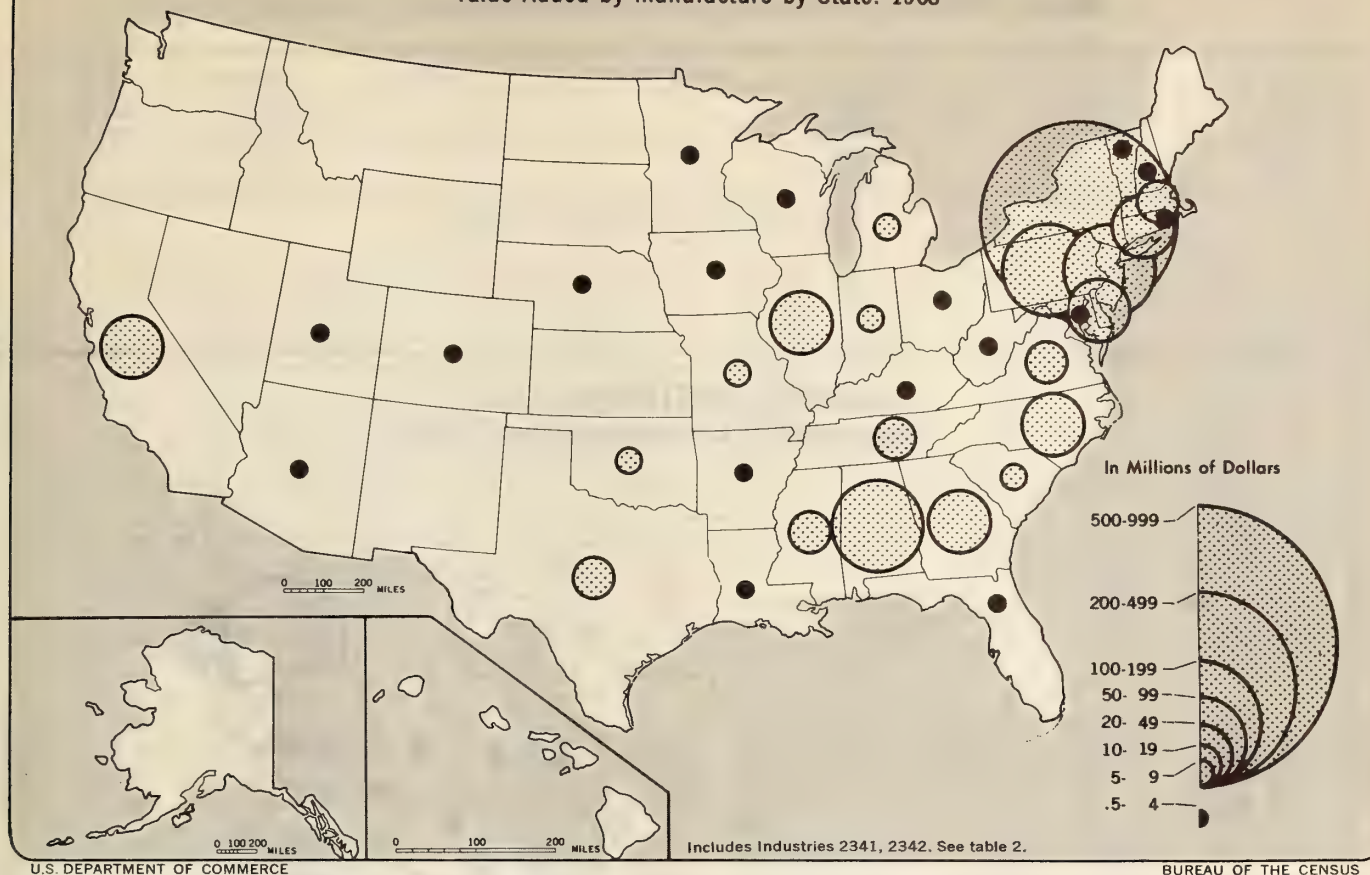
Girls' and children's sweaters and other knit outerwear, n.e.c., made in knitting mills are classified as primary products of industry 2253, Knit Outerwear Mills, while girls' and children's sweaters and knit outerwear, n.e.c., cut and sewed from purchased knit fabric are included in industry 2369. In order to show the total dollar value of girls' and children's outerwear, n.e.c., made by all industries (regardless of the method of production), combined values for the 2253--- and 2369--- products are shown in tables 5 and 6A. Using the combined figure of \$436 million of girls' and children's outerwear, n.e.c. (knit and woven) made by all industries as the base, industry 2369 shipments of girls' and children's outerwear, n.e.c., in 1963 accounted for 67 percent of the total dollar value of these products.

In 1958 the coverage ratio was 63 percent. Other industries shipping girls' and children's outerwear, n.e.c., consisted mainly of industry Group 225, Knitting Mills, \$79 million; industry 2361, Children's Dresses and Blouses, \$18 million; and industry 2328, Work Clothing, \$16 million.

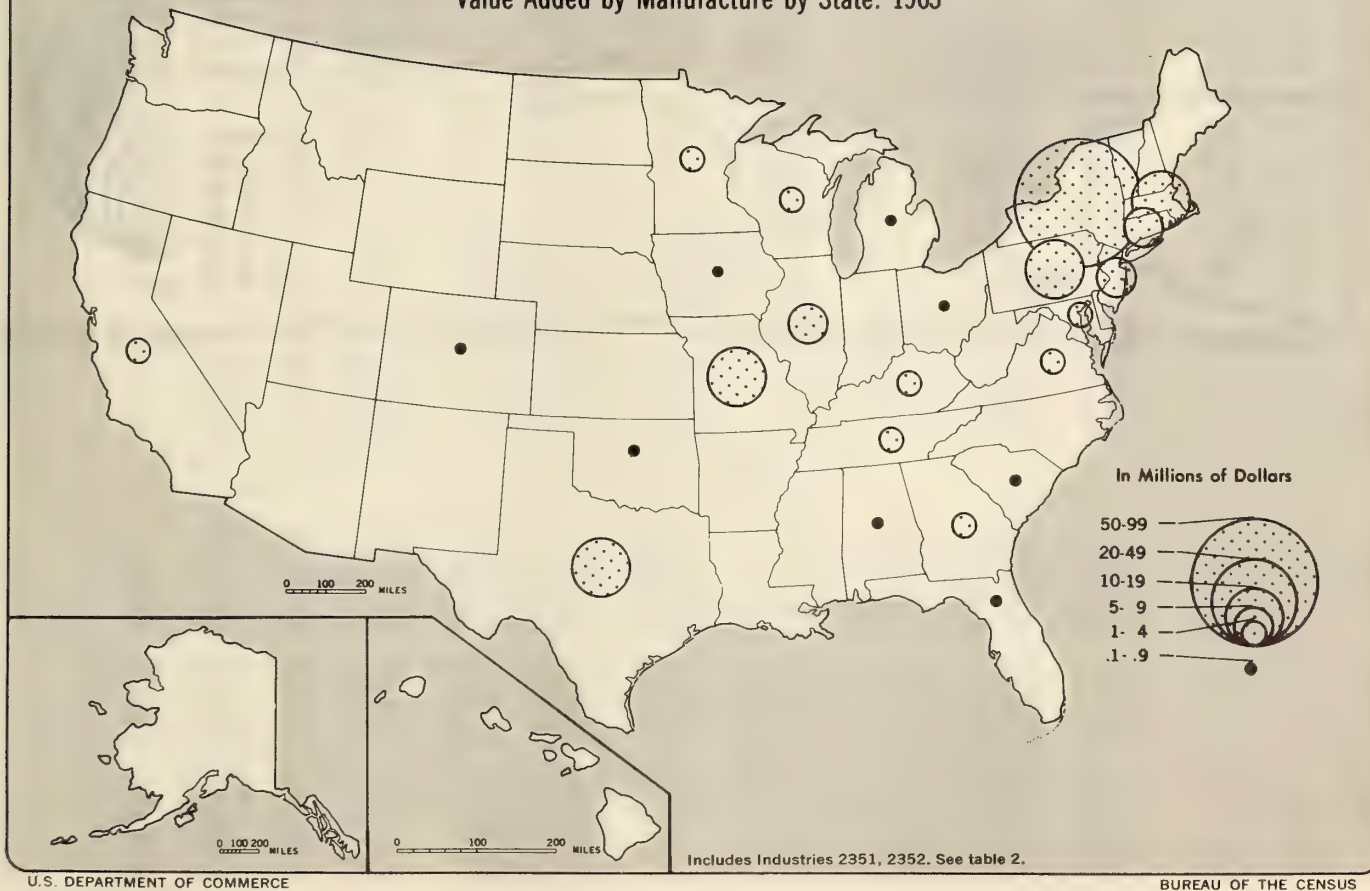
Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments and value added data shown in tables 1 to 4.

The production index for the primary products of the industry increased to 172 in 1963 from the 1958 level of 145. The unit value index for 1963 was 91 compared to 86 in 1958. Both indexes were computed on a basis of 1954 = 100.

WOMEN'S AND CHILDREN'S UNDERWEAR: SIC 234 Value Added by Manufacture by State: 1963



MILLINERY, HATS, AND CAPS: SIC 235 Value Added by Manufacture by State: 1963



CHILDREN'S OUTERWEAR: SIC 236 Value Added by Manufacture by State: 1963

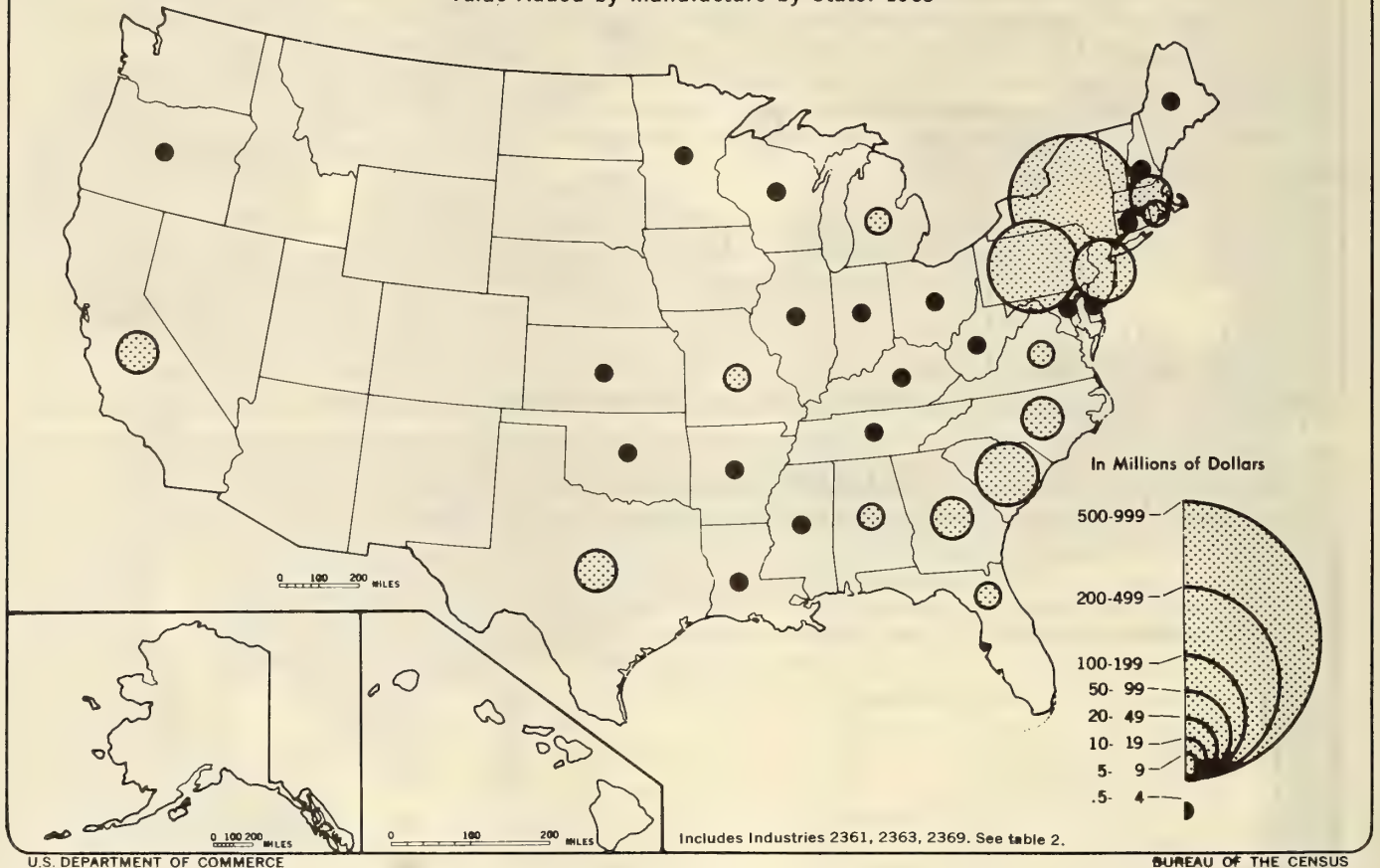


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments ¹ (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2341.—WOMEN'S AND CHILDREN'S UNDERWEAR														
1963.....	978	1,069	628	76,723	238,850	68,446	123,433	186,282	430,771	552,980	976,108	6,412	93	85
1962 ²	(NA)	(NA)	(NA)	69,090	211,325	60,489	100,744	162,024	364,117	486,566	848,217	5,626	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	71,823	208,895	62,861	102,938	157,717	374,194	472,004	843,206	5,576	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	74,542	205,023	67,228	107,716	158,323	360,182	473,112	837,192	4,593	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(78,628)	(213,673)	(71,212)	(127,004)	(169,948)	(353,868)	(485,712)	(838,890)	(S)	(NA)	(NA)
1958.....	1,170	1,231	720	73,527	199,652	65,008	116,788	154,780	347,705	467,398	814,721	5,404	96	83
1957 ² ³	(NA)	(NA)	(NA)	79,972	206,397	71,745	127,260	161,332	352,942	529,827	881,420	3,816	(NA)	(NA)
1956 ² ³	(NA)	(NA)	(NA)	78,839	198,534	71,073	126,964	156,248	355,687	510,904	856,774	5,891	(NA)	(NA)
1955 ² ³	(NA)	(NA)	(NA)	77,990	191,964	70,565	127,036	149,910	328,803	512,807	831,704	6,952	(NA)	(NA)
1954 ³	1,276	1,352	767	73,427	176,305	66,885	118,720	140,063	295,169	478,167	778,061	5,431	95	98
1952 ² ³	(NA)	(NA)	(NA)	60,756	148,689	53,848	100,876	112,470	248,744	441,304	689,752	(S)	(NA)	(NA)
1951 ² ³	(NA)	(NA)	(NA)	57,623	134,837	50,107	92,523	99,603	227,310	416,284	643,594	(S)	(NA)	(NA)
1950 ² ³	(NA)	(NA)	(NA)	58,516	126,456	52,556	91,770	96,314	185,590	389,978	575,443	(S)	(NA)	(NA)
1949 ² ³	(NA)	(NA)	(NA)	56,805	121,018	50,752	90,124	89,141	205,802	361,824	567,626	(S)	(NA)	(NA)
1947 ³	1,467	1,518	(NA)	58,004	115,949	52,650	94,360	87,477	229,306	346,669	575,679	6,025	(NA)	(NA)
1939 ³ ⁴	(NA)	759	(NA)	(NA)	(NA)	39,859	(NA)	27,582	59,006	101,452	160,458	(NA)	(NA)	(NA)
1937 ³	(NA)	603	(NA)	(NA)	(NA)	35,404	(NA)	23,945	52,790	95,532	148,322	(NA)	(NA)	(NA)
1935 ³	(NA)	775	(NA)	40,648	32,752	37,817	(NA)	26,831	58,948	100,372	159,320	(NA)	(NA)	(NA)
INDUSTRY 2342.—CORSETS AND ALLIED GARMENTS														
1963 ⁶	296	351	234	37,144	139,907	31,394	56,746	95,726	310,150	291,531	593,912	3,514	95	97
1962 ² ⁶	(NA)	(NA)	(NA)	42,682	143,027	36,000	65,077	95,150	299,440	282,846	581,222	3,237	(NA)	(NA)
1961 ² ⁶	(NA)	(NA)	(NA)	42,864	139,856	36,052	63,052	94,817	289,434	266,885	554,415	2,497	(NA)	(NA)
1960 ² ⁶	(NA)	(NA)	(NA)	43,446	137,168	36,988	64,037	93,534	281,376	243,619	523,483	2,550	(NA)	(NA)
1959 ² ⁶	(NA)	(NA)	(NA)	(40,449)	(132,398)	(34,200)	(61,148)	(89,878)	(270,238)	(241,288)	(509,912)	(3,117)	(NA)	(NA)
1958 ⁶	353	414	279	37,808	121,939	31,563	56,139	82,600	248,543	220,899	467,485	3,354	96	98
1957 ³ ²	(NA)	(NA)	(NA)	42,260	117,823	37,061	64,416	92,762	251,432	213,087	454,739	(S)	(NA)	(NA)
1956 ³ ²	(NA)	(NA)	(NA)	44,007	118,738	39,012	71,070	95,120	240,130	205,575	441,221	(S)	(NA)	(NA)
1955 ³ ²	(NA)	(NA)	(NA)	43,012	113,467	38,147	67,780	90,805	218,513	200,930	416,497	(S)	(NA)	(NA)
1954 ³	424	491	320	38,807	108,509	33,724	60,333	78,977	214,611	181,760	397,193	3,001	96	(NA)
1953 ² ³	(NA)	(NA)	(NA)	41,622	124,575	35,875	63,711	86,594	226,132	214,242	440,374	(S)	(NA)	(NA)
1952 ² ³	(NA)	(NA)	(NA)	37,212	119,874	31,244	61,860	78,301	205,660	174,952	380,612	(S)	(NA)	(NA)
1951 ² ³	(NA)	(NA)	(NA)	36,004	102,840	30,322	58,769	66,768	192,498	160,423	352,921	(S)	(NA)	(NA)
1950 ² ³	(NA)	(NA)	(NA)	37,900	96,703	31,637	60,318	66,676	175,125	156,040	331,165	(S)	(NA)	(NA)
1949 ² ³	(NA)	(NA)	(NA)	34,883	(NA)	29,042	56,046	(NA)	153,119	122,905	276,025	(S)	(NA)	(NA)
1947 ³	495	535	(NA)	36,611	80,208	31,584	60,581	57,791	155,990	121,801	277,791	4,868	(NA)	(NA)
1939 ³	(NA)	272	(NA)	23,061	25,147	18,765	(NA)	15,734	44,313	40,105	84,418	(NA)	(NA)	(NA)
1937 ³	(NA)	215	(NA)	18,636	18,104	16,385	(NA)	13,255	38,275	32,514	70,789	(NA)	(NA)	(NA)
1935 ³	(NA)	241	(NA)	17,890	17,259	15,635	(NA)	12,036	34,415	32,532	66,947	(NA)	(NA)	(NA)
1933 ³	(NA)	179	(NA)	15,782	12,138	14,017	(NA)	9,388	29,057	29,035	58,092	(NA)	(NA)	(NA)
1931 ³	(NA)	204	(NA)	(NA)	(NA)	13,977	(NA)	11,496	40,229	31,694	71,923	(NA)	(NA)	(NA)
1929 ³	(NA)	213	(NA)	15,859	18,680	13,664	(NA)	12,446	40,767	36,035	76,802	(NA)	(NA)	(NA)
1927 ³	(NA)	222	(NA)	16,108	17,772	13,778	(NA)	12,402	41,824	35,394	77,218	(NA)	(NA)	(NA)
1925 ³	(NA)	185	(NA)	16,984	18,012	14,525	(NA)	12,394	39,307	37,808	77,115	(NA)	(NA)	(NA)
1923 ³	(NA)	216	(NA)	19,072	20,489	16,104	(NA)	13,258	39,632	38,416	78,048	(NA)	(NA)	(NA)
1921 ³	(NA)	173	(NA)	20,033	19,663	17,084	(NA)	13,102	36,857	38,857	75,600	(NA)	(NA)	(NA)
1919 ³	(NA)	188	(NA)	21,653	20,232	18,415	(NA)	13,082	36,726	38,816	75,542	(NA)	(NA)	(NA)
1914 ³	(NA)	167	(NA)	23,045	12,245	20,496	(NA)	7,977	20,964	19,587	40,551	(NA)	(NA)	(NA)
1909 ³	(NA)	138	(NA)	19,520	9,335	17,564	(NA)	6,464	17,617	15,640	33,257	(NA)	(NA)	(NA)
1904 ³	(NA)	109	(NA)	11,852	4,610	10,975	(NA)	3,600	8,727	6,135	14,862	(NA)	(NA)	(NA)
1899 ³	(NA)	138	(NA)	13,112	4,610	12,297	(NA)	3,645	8,094	6,357	14,451	(NA)	(NA)	(NA)
INDUSTRY 2351.—MILLINERY														
1963.....	710	711	221	14,183	55,576	12,244	21,688	44,277	93,168	70,335	163,185	686	100	100
1962 ²	(NA)	(NA)	(NA)	(16,230)	(60,009)	(13,766)	(25,299)	(45,402)	(104,084)	(71,201)	(175,368)	(?)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	16,755	(61,293)	(14,335)	(26,384)	(45,877)	(107,655)	(72,960)	(180,532)	(?)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	17,778	(60,753)	(15,318)	(28,582)	(47,810)	(106,894)	(74,838)	(181,456)	(?)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(18,634)	(63,297)	(16,169)	(29,162)	(49,767)	(106,931)	(78,396)	(185,335)	(S)	(NA)	(NA)
1958.....	801	803	284	17,838	64,095	15,417	28,088	50,173	109,133	81,378	190,263	1,371	100	99
1957 ² ³	(NA)	(NA)	(NA)	22,743	68,956	20,214	35,352	56,405	122,152	89,542	209,732	(S)	99	99
1956 ² ³	(NA)	(NA)	(NA)	19,975	62,949	18,862	32,439	51,336	104,182	80,190	182,953	(S)	(NA)	(NA)
1955 ² ³	(NA)	(NA)	(NA)	19,054	61,170	17,757	32,564	49,970	97,325	72,999	169,219	(?)	(NA)	(NA)
1954 ³	865	871	290	20,235	65,809	18,222	33,577	53,667	101,618	73,726	175,599	(?)	99	98
1953 ² ³	(NA)	(NA)	(NA)	18,985	63,975	16,294	(NA)	48,550	98,359	69,942	168,301	(NA)	(NA)	(NA)
1952 ² ³	(NA)	(NA)	(NA)	18,180	61,787	15,352	(NA)	48,105	97,869	74,950	172,719	(NA)	(NA)	(NA)
1951 ² ³	(NA)	(NA)	(NA)	18,842	62,356	16,081	(NA)	46,217	103,198	77,062	180,260	(NA)	(NA)	(NA)
1950 ² ³	(NA)	(NA)	(NA)	20,925	65,935	17,520	(NA)	50,041	99,651	87,013	186,664	(NA)	(NA)	(NA)
1949 ² ³	(NA)	(NA)	(NA)	20,316	63,823	16,910	(NA)	48,892	94,100	75,748	169,848	(NA)	(NA)	(NA)
1947 ³	927	933	(NA)	20,933	59,566	18,116	33,057	46,889	100,863	76,865	177,728	(NA)	99	98
1939 ³ ⁴	(NA)	1,026	(NA)	(NA)	(NA)	24,017	(NA)	25,840	56,625	47,313	103,938	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments ¹ (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2351.—MILLINERY—Continued														
1937 ⁸	(NA)	755	(NA)	24,254	29,076	21,560	(NA)	22,921	47,235	41,007	88,542	(NA)	(NA)	(NA)
1935.....	(NA)	1,033	(NA)	26,012	31,182	22,770	(NA)	23,988	48,947	40,042	88,989	(NA)	(NA)	(NA)
1933 ⁸	(NA)	834	(NA)	24,437	23,125	22,574	(NA)	20,313	42,701	34,646	77,347	(NA)	(NA)	(NA)
1931.....	(NA)	1,134	(NA)	(NA)	(NA)	26,612	(NA)	32,565	72,780	71,795	144,575	(NA)	(NA)	(NA)
1929.....	(NA)	1,293	(NA)	37,373	58,613	32,206	(NA)	42,715	97,603	98,090	195,693	(NA)	(NA)	(NA)
1927 ⁹	(NA)	1,148	(NA)	38,656	60,809	33,311	(NA)	46,788	106,005	103,490	209,495	(NA)	(NA)	(NA)
INDUSTRY 2352.—HATS AND CAPS														
1963.....	413	436	173	16,608	60,463	14,578	26,619	47,392	91,606	79,785	171,108	2,274	98	98
1962 ²	(NA)	(NA)	(NA)	(19,813)	(68,744)	(17,402)	(31,136)	(52,025)	(107,507)	(96,844)	(202,813)	(1,995)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	19,300	65,859	16,927	30,078	48,944	100,336	87,489	186,899	(1,454)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	20,616	65,506	18,308	32,370	51,752	108,707	89,449	198,069	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(22,236)	(69,754)	(19,865)	(35,397)	(56,047)	(113,448)	(96,735)	(203,892)	(1,679)	(NA)	(NA)
1958 ¹⁰	428	446	169	17,701	59,334	15,415	27,803	46,236	91,298	78,477	170,692	1,075	98	98
1954 ³	582	586	208	20,303	59,928	18,023	33,171	48,408	89,743	80,538	173,127	(NA)	(NA)	(NA)
1947 ³	525	537	-	25,440	63,516	22,542	42,662	50,609	104,567	108,476	213,043	3,407	(NA)	(NA)
1939 ³	(NA)	467	(NA)	28,500	32,961	25,129	(NA)	25,570	50,355	51,551	101,906	(NA)	(NA)	(NA)
1937 ³	(NA)	459	(NA)	13,224	31,466	26,448	(NA)	27,045	51,254	56,345	107,599	(NA)	(NA)	(NA)
1935 ³	(NA)	529	(NA)	26,646	30,558	24,379	(NA)	25,518	46,183	47,535	93,718	(NA)	(NA)	(NA)
1933 ³	(NA)	471	(NA)	22,859	20,651	21,371	(NA)	18,223	35,201	32,374	67,575	(NA)	(NA)	(NA)
1931 ³	(NA)	138	(NA)	(NA)	(NA)	21,909	(NA)	24,374	48,589	47,218	95,807	(NA)	(NA)	(NA)
1929 ³	(NA)	799	(NA)	30,892	45,956	27,773	(NA)	36,200	80,111	85,589	165,700	(NA)	(NA)	(NA)
1927 ^{3 9}	(NA)	767	(NA)	30,707	40,708	27,572	(NA)	38,403	82,896	88,028	170,924	(NA)	(NA)	(NA)
INDUSTRY 2361.—CHILDREN'S DRESSES AND BLOUSES														
1963.....	627	667	412	35,792	115,061	31,928	55,885	89,976	205,623	239,759	443,343	2,973	90	82
1962 ²	(NA)	(NA)	(NA)	34,837	111,509	29,850	48,450	81,654	202,751	312,211	516,199	(1,778)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	33,488	100,500	28,419	44,342	73,368	184,924	274,045	459,392	(1,238)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	37,814	105,831	32,733	56,695	81,574	188,796	265,558	455,356	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(37,753)	(108,476)	(33,056)	(58,441)	(84,453)	(185,454)	(202,718)	(389,115)	(S)	(NA)	(NA)
1958 ¹¹	766	802	487	36,123	100,818	31,870	57,111	78,341	167,094	188,437	355,372	1,847	96	83
1957 ^{2 3}	(NA)	(NA)	(NA)	32,539	87,157	28,843	54,194	66,529	130,649	149,319	303,287	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	33,098	87,439	29,363	55,376	67,675	136,093	177,618	313,703	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	33,862	84,244	30,336	53,693	64,888	134,299	178,257	310,789	(S)	(NA)	(NA)
1954 ³	736	764	442	32,525	78,244	29,410	52,459	61,892	127,773	165,091	292,822	1,451	(NA)	(NA)
1953 ^{2 3}	(NA)	(NA)	(NA)	30,244	73,307	27,050	46,807	57,489	134,786	159,659	294,445	(S)	(NA)	(NA)
1952 ^{2 3}	(NA)	(NA)	(NA)	26,525	64,261	23,802	35,806	49,739	102,527	133,313	235,840	(S)	(NA)	(NA)
1951 ^{2 3}	(NA)	(NA)	(NA)	24,880	62,885	22,126	33,775	47,547	102,909	131,079	233,988	(S)	(NA)	(NA)
1947 ³	627	665	(NA)	22,456	43,346	20,374	38,630	33,953	76,291	98,536	174,827	1,534	93	91
1939 ³	(NA)	296	(NA)	16,710	13,952	15,952	(NA)	10,662	25,537	25,046	50,583	(NA)	(NA)	(NA)
1937 ^{3 9}	(NA)	213	(NA)	(NA)	(NA)	12,759	(NA)	9,017	19,720	25,383	45,103	(NA)	(NA)	(NA)
INDUSTRY 2363.—CHILDREN'S COATS AND SUITS														
1963.....	269	285	152	11,848	42,986	10,395	18,562	32,899	72,735	88,895	162,929	1,106	92	85
1962 ²	(NA)	(NA)	(NA)	11,956	40,540	10,875	20,070	32,672	65,637	96,370	161,937	(1,437)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	13,761	42,909	12,411	21,628	33,744	67,182	104,939	171,869	(624)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	14,272	46,227	12,824	22,284	35,007	74,644	108,258	182,770	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(13,760)	(44,876)	(11,954)	(21,423)	(34,032)	(67,059)	(102,711)	(168,683)	(S)	(NA)	(NA)
1958.....	361	370	210	12,798	42,435	10,967	19,488	31,527	68,205	95,330	163,821	783	95	85
1955 ^{2 3}	(NA)	(NA)	(NA)	13,338	44,613	11,907	22,531	35,092	75,554	100,843	176,615	(S)	(NA)	(NA)
1954 ³	400	407	214	14,399	44,980	12,849	22,692	35,598	72,003	100,982	173,756	574	91	81
1947 ^{3 9}	(NA)	473	(NA)	11,008	22,524	9,834	20,020	19,411	50,841	63,358	114,199	(NA)	(NA)	(NA)
INDUSTRY 2369.—CHILDREN'S OUTERWEAR, N.E.C.														
1963.....	602	624	360	34,244	107,012	30,355	56,051	84,383	188,344	233,292	419,551	2,795	79	67
1962 ²	(NA)	(NA)	(NA)	31,751	94,374	28,223	53,131	74,126	146,543	190,172	335,520	(1,941)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	30,758	88,105	27,444	51,069	70,270	140,686	176,374	315,096	(1,735)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	30,699	86,537	27,425	51,479	68,827	130,200	179,313	307,761	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(33,388)	(92,228)	(29,765)	(54,904)	(73,649)	(143,539)	(192,316)	(333,882)	(S)	(NA)	(NA)
1958 ¹²	735	756	377	31,888	87,931	38,187	50,548	68,716	146,050	177,763	324,052	2,384	79	63
1956 ^{2 3}	(NA)	(NA)	(NA)	38,819	98,223	33,932	59,989	76,490	154,933	185,306	339,274	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	37,397	91,271	32,726	56,840	71,972	138,922	190,429	328,489	(S)	(NA)	(NA)
1954 ³	(NA)	(NA)	(NA)	35,748	83,559	31,448	55,170	65,694	124,671	180,828	299,643	(S)	(NA)	(NA)
1953 ^{2 3}	799	812	394	30,613	73,079	27,826	49,851	58,313	120,704	163,456	286,439	1,818	(NA)	(NA)
1952 ^{2 3}	(NA)	(NA)	(NA)	25,348	60,576	23,105	41,321	48,896	94,520	123,460	217,980	(S)	(NA)	(NA)
1947 ^{9 3}	(NA)	547	(NA)	14,781	35,084	13,291	(NA)	25,896	50,645	60,864	111,509	(NA)	(NA)	(NA)

Footnotes on next page.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Footnotes for Table 1-23C

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: For 1954-1963 figures represent adjusted value added, which is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net changes in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. For 1954-1962, however, value of production rather than value of shipments was collected for Industries 2341, 2342, 2351, 2352, 2361, 2363, and 2369. In computing adjusted value added based on value of production for these years for these industries, the net change of only work-in-process inventories is included. For earlier years, figures represent unadjusted value added. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³Data for Alaska and Hawaii are not included.

⁴The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$56.6 million for women's and children's underwear and \$57.4 for millinery.

⁵Women's and children's underwear was formerly a part of the discontinued classification Clothing, Women's, N.E.C. Separate figures for years prior to 1935 are not available.

⁶See text regarding comparability of 1958-1963 data with earlier years.

⁷Less than \$500 thousand.

⁸Coverage was incomplete for Millinery, Industry 2351 in 1933 and 1937.

⁹Comparable figures for earlier years are not available.

¹⁰The 1957 Standard Industrial Classification combined in this industry four industries which were separate in the 1945 Standard Industrial Classification. These were: Fur-felt hats and hat bodies (old SIC 2281), Wool-felt hats and hat bodies (old SIC 2282), Straw hats (old SIC 2283) and Cloth hats and caps (old SIC 2325). The data for 1954 and earlier years for these four industries have been combined.

¹¹A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not exactly comparable to prior years. The 1957 and earlier figures are on the old SIC definition of the industry, which excluded children's knit outerwear shirts. These products were formerly included in industry 2369, Children's Outerwear, N.E.C.

¹²A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not exactly comparable. The 1957 and earlier figures are on the old SIC definition of the industry. The details of the revision are described in the text. However, 1958-1963 data are comparable.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2341.—WOMEN'S AND CHILDREN'S UNDERWEAR													
Total.....	1,069	628	76,723	238,850	68,446	123,433	186,282	430,771	552,980	976,108	6,412	73,527	347,705
New England.....	63	50	5,299	15,982	4,800	8,796	12,988	22,468	27,342	50,512	450	6,201	23,279
Vermont.....	5	5	574	1,472	509	894	1,310	3,099	2,040	5,558	(D)	857	3,612
Connecticut.....	13	11	1,091	3,435	1,009	1,973	2,875	4,097	5,998	10,726	80	1,238	3,996
Middle Atlantic....	735	369	32,805	110,080	28,314	49,506	79,463	209,167	342,510	548,410	2,745	41,008	199,775
New York.....	567	243	17,551	62,799	14,679	25,338	42,519	122,069	251,131	371,683	1,385	23,124	125,636
New Jersey.....	59	34	4,054	12,764	3,312	5,707	8,647	30,828	40,981	71,001	267	4,613	24,423
Pennsylvania.....	109	92	11,200	34,517	10,323	18,461	28,297	56,270	50,398	105,726	1,093	13,271	49,716
North Central.....	53	38	5,118	15,792	4,498	7,953	12,190	30,182	32,813	63,210	214	4,907	24,829
Wisconsin.....	5	5	413	1,200	394	740	1,068	2,512	1,645	4,093	13	(³)	(³)
Iowa.....	4	4	317	925	292	509	794	1,281	2,080	3,252	14	(³)	(³)
Missouri.....	10	9	1,155	3,333	1,001	1,670	2,511	7,751	8,487	15,993	35	916	4,363
South Atlantic.....	107	91	17,863	49,953	16,524	30,649	42,622	78,411	71,609	148,394	1,826	11,402	50,201
Virginia.....	15	15	3,532	9,279	3,310	5,992	8,186	12,638	6,047	18,867	349	1,359	4,559
Georgia.....	18	13	2,556	7,121	2,448	4,611	6,580	10,781	9,036	19,100	171	2,077	12,171
East South Central.	43	41	10,472	29,852	9,774	17,931	25,924	60,319	46,858	104,312	718	5,164	25,801
Mississippi.....	13	13	2,562	6,526	2,390	4,196	5,750	11,658	6,724	17,875	125	1,492	6,686
West South Central.	23	13	2,133	7,141	1,806	3,538	5,040	14,257	15,935	29,983	172	2,487	13,255
West.....	45	26	3,033	10,050	2,730	5,060	8,055	15,967	15,913	31,287	287	2,358	10,565
Arizona.....	4	4	619	1,906	508	933	1,419	3,285	3,225	6,199	(D)	(³)	(³)
Utah.....	3	3	525	1,481	500	916	1,283	1,759	192	1,968	(D)	(³)	(³)
California.....	35	16	1,578	5,730	1,437	2,726	4,597	9,851	10,440	20,106	122	1,848	8,540
Subindustry 2341-11.—Women's and Children's Underwear—MANUFACTURERS													
Total.....	604	358	45,219	141,950	40,281	72,651	110,685	284,188	363,864	641,858	4,239	45,308	231,373
New England.....	29	23	2,793	8,534	2,452	4,410	6,479	13,155	22,525	36,422	185	3,456	14,989
Middle Atlantic....	385	201	19,100	62,105	16,847	29,713	47,399	123,608	166,395	288,227	1,669	24,245	120,917
New York.....	314	147	11,096	36,061	9,901	16,827	28,469	63,659	84,145	147,802	805	15,688	78,872
New Jersey.....	28	19	2,818	9,544	2,172	3,865	5,788	26,592	40,342	66,082	211	1,930	11,111
Pennsylvania.....	43	35	5,186	16,500	4,774	9,011	13,142	33,357	41,908	74,343	653	6,627	30,934
North Central.....	42	28	4,211	13,452	3,699	6,595	10,352	26,912	30,495	57,795	177	3,638	18,551
South.....	108	84	16,843	50,030	15,277	28,204	40,378	107,146	128,748	230,955	2,024	(³)	(³)
Virginia.....	7	7	1,822	4,728	1,731	2,997	4,197	7,295	5,525	12,999	183	306	1,497
Georgia.....	11	6	1,018	2,860	950	1,666	2,504	5,348	8,047	12,686	97	953	8,926
Mississippi.....	5	5	1,076	3,003	1,003	1,834	2,692	7,355	6,471	13,263	57	(³)	(³)
West.....	40	22	2,272	7,829	2,006	3,729	6,077	13,367	15,701	28,459	184	(³)	(³)
Subindustry 2341-22.—Women's and Children's Underwear—JOBBERS													
Total.....	146	34	2,365	16,225	725	1,446	3,346	44,459	178,780	221,493	383	3,032	41,425
Middle Atlantic....	137	32	2,202	15,576	622	1,277	3,083	43,356	171,607	213,345	369	(³)	(³)
All other divisions	9	2	163	649	103	169	263	1,103	7,173	8,148	14	(³)	(³)
Subindustry 2341-33.—Women's and Children's Underwear—CONTRACTORS													
Total.....	319	236	29,139	80,675	27,440	49,336	72,251	102,124	10,336	112,757	1,790	25,187	74,907
Middle Atlantic....	213	136	11,503	32,399	10,845	18,516	28,981	42,203	4,508	46,838	707	(³)	(³)
South Atlantic.....	38	36	7,127	19,080	6,716	12,789	17,317	23,676	2,405	25,769	372	(³)	(³)
Virginia.....	8	8	1,710	4,545	1,579	2,995	3,989	5,343	522	5,868	166	1,053	3,062
Georgia.....	7	7	1,538	4,261	1,498	2,945	4,076	5,433	989	6,414	74	1,124	3,245
All other divisions	68	64	10,509	29,196	9,879	18,031	25,953	36,245	3,423	40,150	711	(³)	(³)
Massachusetts....	20	19	1,753	5,161	1,682	3,161	4,633	6,261	426	6,614	79	(³)	(³)
Mississippi.....	8	8	1,486	3,523	1,387	2,362	3,058	4,303	253	4,612	68	(³)	(³)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2342.—CORSETS AND ALLIED GARMENTS													
Total.....	351	234	37,144	139,907	31,394	56,746	95,726	310,150	291,531	593,912	3,514	37,808	² 248,543
New England.....	23	16	2,665	10,689	2,325	4,226	7,933	27,866	22,343	49,327	521	3,563	28,566
Connecticut.....	14	11	1,886	7,732	1,614	2,979	5,861	23,003	20,153	42,420	464	2,509	22,685
Middle Atlantic....	220	137	18,000	69,567	15,016	26,170	46,629	139,815	176,648	314,079	1,303	19,548	114,773
New York.....	159	95	10,341	42,167	8,372	14,639	25,955	89,240	124,482	210,779	803	11,491	69,718
New Jersey.....	38	22	3,739	16,044	3,045	5,270	10,903	33,670	44,295	78,577	282	4,284	31,338
Pennsylvania.....	23	20	3,920	11,356	3,599	6,261	9,771	16,905	7,871	24,723	218	3,773	13,717
North Central.....	27	25	4,151	16,326	3,537	6,929	10,285	39,125	29,534	68,286	287	4,299	34,908
South Atlantic.....	25	19	6,686	25,716	5,384	10,017	16,702	65,920	35,453	98,351	977	6,265	49,847
Georgia.....	11	8	3,605	13,115	3,220	6,128	10,056	35,906	24,706	59,458	237	2,781	20,269
East South Central.	7	7	2,225	6,429	2,098	3,643	5,404	15,533	12,467	27,309	200	1,129	6,413
West South Central.	10	7	1,332	3,624	1,266	2,443	3,297	8,517	5,865	14,198	102	866	2,916
Pacific.....	39	23	2,085	7,556	1,768	3,318	5,476	13,374	9,221	22,362	124	2,138	11,120
California.....	39	23	2,085	7,556	1,768	3,318	5,476	13,374	9,221	22,362	124	2,138	11,120
Subindustry 2342-11.--Corsets and Allied Garments—MANUFACTURERS													
Total.....	263	175	27,669	111,003	22,744	41,340	72,146	268,861	254,828	517,243	2,975	23,878	180,040
New England.....	18	11	2,168	9,238	1,833	3,341	6,500	26,196	22,297	47,617	487	2,741	22,890
Middle Atlantic....	167	108	13,312	54,268	10,904	19,305	35,677	115,020	140,525	254,305	1,092	11,166	66,587
New York.....	126	81	9,353	37,112	7,680	13,476	24,030	77,108	90,209	165,516	772	8,008	49,916
New Jersey.....	30	17	3,079	14,063	2,427	4,349	9,171	30,877	42,747	74,234	255	2,080	10,523
Pennsylvania.....	11	10	880	3,093	797	1,480	2,476	7,035	7,569	14,555	65	1,078	6,148
East North Central.	17	15	2,619	12,160	2,109	4,164	6,511	34,996	29,435	64,091	224	2,778	30,850
South and West.....	61	41	9,570	35,337	7,898	14,530	23,458	92,649	62,571	151,230	1,172	7,193	59,713
Subindustry 2342-22.—Corsets and Allied Garments—JOBBERs													
Total.....	20	6	323	3,273	51	91	335	10,812	35,532	45,216	23	3,275	36,648
Middle Atlantic....	16	6	315	3,191	45	87	265	10,733	35,452	45,052	(D)	(³)	(³)
Pacific.....	4	-	8	82	6	4	70	79	80	164	(D)	(³)	(³)
Subindustry 2342-33.—Corsets and Allied Garments—CONTRACTORS													
Total.....	68	53	9,152	25,631	8,599	15,315	23,245	30,477	1,171	31,453	516	(²)	(²)
New England.....	5	5	497	1,451	492	885	1,433	1,670	46	1,710	34	(³)	(³)
Middle Atlantic....	37	23	4,373	12,108	4,067	6,778	10,687	14,062	671	14,722	188	(³)	(³)
North Central.....	10	10	1,532	4,166	1,428	2,765	3,774	4,129	99	4,195	63	(³)	(³)
South and West.....	16	15	2,750	7,906	2,612	4,887	7,351	10,616	355	10,826	241	(³)	(³)
INDUSTRY 2351.—MILLINERY													
Total.....	711	221	14,183	55,576	12,244	21,688	44,277	93,168	70,335	163,185	686	17,838	109,133
New England.....	25	16	1,989	6,868	1,701	2,962	5,406	10,009	7,124	17,243	39	2,114	9,927
Middle Atlantic....	577	170	10,335	42,314	8,909	15,880	33,864	72,134	56,008	127,746	579	13,179	85,233
New York.....	552	158	9,554	39,328	8,207	14,745	31,272	67,364	52,829	119,749	535	12,089	79,654
New Jersey.....	12	5	405	1,507	373	574	1,383	2,356	1,645	3,964	31	493	2,628
Pennsylvania.....	13	7	376	1,479	329	561	1,209	2,414	1,534	4,033	13	597	2,951
East North Central.	28	12	709	2,220	610	983	1,630	4,033	2,332	6,341	15	1,003	5,806
Illinois.....	21	9	523	1,705	462	706	1,364	3,210	1,507	4,711	12	762	4,689
West North Central.	12	4	166	483	149	257	399	871	432	1,309	3	234	924
Missouri.....	12	4	166	483	149	257	399	871	432	1,309	3	234	924
South.....	35	13	666	2,286	598	1,138	1,875	3,857	3,208	7,064	37	871	4,489
West.....	34	6	318	1,423	277	468	1,103	2,264	1,231	3,482	13	437	2,754
California.....	29	6	309	1,405	269	453	1,088	2,222	1,169	3,378	12	(³)	(³)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2352.—HATS AND CAPS													
Total.....	436	173	16,608	60,463	14,578	26,619	47,392	91,606	79,785	171,108	2,274	17,701	91,298
New England.....	33	18	1,994	8,383	1,692	2,693	6,238	10,009	9,985	20,329	199	3,260	19,712
Connecticut.....	13	10	1,304	6,081	1,072	1,737	4,346	6,717	7,187	14,080	177	2,473	16,376
Middle Atlantic....	243	75	6,182	24,718	5,415	9,921	19,400	36,342	29,782	66,566	695	7,005	37,642
New York.....	181	50	2,820	10,594	2,539	4,678	8,925	16,392	14,111	30,502	144	3,268	17,829
New Jersey.....	28	10	518	1,947	470	827	1,633	2,740	1,962	4,800	25	434	2,323
Pennsylvania.....	34	15	2,844	12,177	2,406	4,416	8,842	17,210	13,709	31,264	526	3,303	17,490
East North Central.	44	15	1,100	3,835	962	1,786	3,092	6,265	6,007	12,154	36	1,578	8,058
Illinois.....	26	13	827	2,888	728	1,378	2,369	4,932	4,738	9,597	27	1,127	6,147
West North Central.	42	34	3,091	9,346	2,751	5,290	7,782	15,718	12,631	28,281	384	2,577	10,966
Missouri.....	33	30	2,884	8,515	2,568	4,944	7,195	14,279	11,449	25,608	361	2,338	9,855
South Atlantic.....	18	12	1,050	3,419	938	1,658	2,549	5,522	4,677	10,427	82	(³)	(³)
Maryland.....	7	6	473	1,547	402	615	979	2,392	2,155	4,786	8	464	2,310
East South Central.	8	6	981	3,163	892	1,666	2,715	5,884	7,051	11,894	95	(³)	(³)
West South Central.	22	9	1,869	6,300	1,627	3,065	4,607	9,644	7,578	17,225	754	(³)	(³)
West.....	26	4	341	1,299	301	540	1,009	2,222	2,074	4,232	29	347	1,899
INDUSTRY 2361.—CHILDREN'S DRESSES AND BLOUSES													
Total.....	667	412	35,792	115,061	31,928	55,885	89,976	205,623	239,759	443,343	2,973	36,123	167,094
New England.....	28	18	1,511	4,750	1,381	2,372	3,872	6,660	8,887	15,229	471	1,581	6,450
Massachusetts....	17	12	994	3,205	908	1,485	2,558	3,858	6,031	9,594	(D)	716	3,050
Middle Atlantic....	467	295	22,424	76,347	19,636	33,878	57,342	144,187	192,939	335,755	1,368	26,004	127,995
New York.....	276	145	8,082	32,337	6,608	10,998	20,387	69,501	130,366	199,456	589	10,625	67,788
New Jersey.....	84	63	3,995	12,138	3,654	6,237	10,248	20,855	29,532	50,274	203	4,485	19,218
Pennsylvania.....	107	87	10,347	31,872	9,374	16,643	26,707	53,831	33,041	86,025	576	10,894	40,989
North Central.....	24	12	1,020	3,416	846	1,535	2,347	6,933	7,023	13,896	107	903	3,745
South.....	96	70	9,489	26,466	8,876	16,148	23,158	40,507	25,736	65,952	915	6,237	21,917
Maryland.....	7	5	487	1,258	455	778	1,095	1,702	307	2,010	15	469	1,768
Virginia.....	18	16	1,640	4,236	1,556	2,604	3,868	5,746	496	6,280	68	1,201	3,388
North Carolina...	10	8	1,432	4,330	1,327	2,468	3,560	6,079	8,352	14,207	373	(³)	(³)
South Carolina...	14	13	2,667	7,492	2,518	4,751	6,806	10,819	6,431	17,047	66	1,896	6,363
Florida.....	7	2	110	310	98	182	258	577	251	825	4	(³)	(³)
West.....	52	17	1,348	4,082	1,189	1,952	3,257	7,336	5,178	12,511	112	1,398	6,987
Subindustry 2361-11.—Children's Dresses and Blouses—MANUFACTURERS													
Total.....	292	147	15,129	51,302	12,924	23,096	38,216	106,113	127,675	232,289	1,930	11,376	58,812
Northeast.....	190	103	9,329	33,438	7,809	13,634	24,288	72,418	92,372	163,649	1,239	7,909	41,790
Massachusetts....	10	6	374	1,479	327	561	1,024	1,450	4,647	5,817	(D)	453	2,261
New York.....	125	61	3,748	14,064	3,045	5,129	9,391	33,641	55,625	89,178	353	3,632	20,680
Pennsylvania.....	30	23	3,992	13,844	3,346	6,009	10,494	29,981	25,789	54,987	355	2,859	13,845
North Central.....	19	7	778	2,804	622	1,169	1,774	6,053	6,969	12,960	64	741	3,111
South.....	44	22	3,929	11,736	3,536	6,704	9,562	21,338	23,515	44,556	491	1,778	8,537
West.....	39	15	1,093	3,324	957	1,589	2,592	6,304	4,819	11,124	101	948	5,374
Subindustry 2361-22.—Children's Dresses and Blouses—JOBBERS													
Total.....	79	38	2,110	13,303	1,221	2,267	5,164	35,505	107,847	142,788	200	4,754	48,858
Middle Atlantic:													
New York.....	61	27	1,408	9,919	745	1,351	3,255	22,153	74,201	88,007	154	2,505	31,940
All other States...	18	11	702	3,384	476	916	1,909	13,352	33,646	54,781	46	2,249	16,918

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2361-33.—Children's Dresses and Blouses—CONTRACTORS													
Total.....	296	227	18,553	50,456	17,783	30,522	46,596	64,005	4,237	68,266	843	19,993	59,424
Northeast.....	229	173	12,526	34,603	12,001	20,407	31,859	43,487	2,775	46,295	411	15,498	46,805
New York.....	90	57	2,926	8,354	2,818	4,518	7,741	10,707	540	11,271	83	4,488	15,168
New Jersey.....	53	44	2,570	6,533	2,466	4,128	6,128	8,266	347	8,621	100	(³)	(³)
North Central.....	5	5	242	612	224	366	573	880	54	936	8	(³)	(³)
South and West.....	62	49	5,785	15,241	5,558	9,749	14,164	19,638	1,408	21,035	424	(³)	(³)
INDUSTRY 2363.—CHILDREN'S COATS AND SUITS													
Total.....	285	152	11,848	42,986	10,395	18,562	32,899	72,735	88,895	162,929	1,106	12,798	68,205
New England.....	14	7	587	2,078	536	911	1,597	2,863	2,535	5,499	49	571	2,618
Middle Atlantic....	246	129	8,671	33,621	7,530	13,596	25,289	57,266	76,597	134,843	830	10,965	60,592
New York.....	153	68	4,036	17,974	3,309	6,102	11,824	32,127	58,782	91,587	422	5,678	36,742
New Jersey.....	59	35	2,237	7,726	2,057	3,736	6,682	13,878	10,488	24,558	207	2,490	11,876
Pennsylvania.....	34	26	2,398	7,921	2,164	3,758	6,783	11,261	7,327	18,698	201	2,797	11,974
North Central.....	6	3	633	2,139	549	917	1,807	4,009	3,509	7,658	22	295	1,334
South.....	11	10	1,772	4,566	1,615	2,843	3,753	7,803	5,500	13,272	181	757	2,738
North Carolina...	5	5	1,079	2,871	987	1,682	2,260	5,286	4,671	9,917	85	(³)	(³)
Pacific.....	8	3	185	582	165	295	453	794	754	1,657	24	210	923
Subindustry 2363-11.—Children's Coats and Suits—MANUFACTURERS													
Total.....	123	50	5,124	18,947	4,424	7,937	14,302	33,350	39,837	74,561	547	5,339	30,849
Northeast.....	106	42	3,461	14,060	2,951	5,479	10,380	24,223	32,220	57,583	426	4,508	27,193
New York.....	68	24	1,910	8,236	1,555	2,972	5,672	13,807	19,158	33,786	259	2,333	15,846
New Jersey.....	21	10	699	2,465	607	1,156	1,962	5,473	7,534	13,186	79	(³)	(³)
North Central South and West.....	17	8	1,663	4,887	1,473	2,458	3,922	9,127	7,617	16,978	121	831	3,656
Subindustry 2363-22.—Children's Coats and Suits—JOBBERS													
Total.....	45	11	767	5,968	381	764	2,161	15,502	46,786	62,149	97	1,164	15,936
New York.....	36	9	608	5,122	332	661	1,942	12,627	38,304	50,744	72	900	12,235
All other States....	9	2	159	846	49	103	219	2,875	8,482	11,405	27	264	3,701
Subindustry 2363-33.—Children's Coats and Suits—CONTRACTORS													
Total.....	117	91	5,957	18,071	5,590	9,861	16,436	23,883	2,272	26,219	462	6,295	21,420
Northeast.....	110	84	5,061	15,895	4,753	8,304	14,453	21,309	2,016	23,399	356	5,876	20,219
New York.....	49	35	1,518	4,616	1,422	2,469	4,210	5,693	1,320	7,057	91	2,445	8,661
Pennsylvania.....	21	19	1,706	5,355	1,590	2,743	4,761	7,123	235	7,345	116	(³)	(³)
North Central South and West.....	7	7	896	2,176	837	1,557	1,983	2,574	256	2,820	106	419	1,201
INDUSTRY 2369.—CHILDREN'S OUTERWEAR, N.E.C.													
Total.....	624	360	34,244	107,012	30,355	56,051	84,383	188,344	233,292	419,551	2,795	31,888	146,050
New England.....	38	25	3,305	10,989	2,934	5,517	8,894	25,440	25,060	49,809	323	3,116	15,966
Middle Atlantic....	406	209	13,553	45,954	11,935	21,455	34,681	85,017	136,220	221,444	1,117	14,215	71,285
New York.....	316	153	9,898	34,710	8,628	15,774	25,479	63,869	107,010	171,242	818	9,705	53,853
New Jersey.....	39	17	1,207	3,735	1,095	1,948	3,049	7,012	8,873	16,102	110	1,399	5,875
Pennsylvania.....	51	39	2,448	7,509	2,212	3,733	6,153	14,136	20,337	34,100	189	3,111	11,557
East North Central.	19	11	1,263	3,678	1,141	2,230	2,967	6,259	4,231	10,416	74	1,212	5,636
Indiana.....	3	3	339	716	309	555	635	735	167	905	7	(³)	(³)
West North Central.	13	8	807	2,412	679	1,238	1,941	6,294	5,501	11,848	77	1,390	7,858
Missouri.....	7	4	433	1,205	336	575	936	2,748	3,320	6,136	30	478	2,871
South Atlantic.....	73	60	10,037	28,323	8,862	16,858	22,922	38,820	33,270	70,882	596	7,605	27,093
Maryland.....	8	5	438	1,260	408	779	1,083	1,813	1,741	3,507	23	(³)	(³)
North Carolina....	15	13	1,984	5,368	1,847	3,202	4,341	7,573	7,202	14,599	84	1,652	4,786
South Carolina...	10	8	3,800	11,082	3,193	6,094	8,429	13,005	13,568	25,835	284	2,882	11,803
Georgia.....	11	10	1,692	4,646	1,471	3,158	4,107	7,137	5,268	12,220	93	(³)	(³)
Florida.....	16	14	854	2,748	758	1,423	2,154	4,986	4,681	9,600	70	623	2,555

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2369.—CHILDREN'S OUTERWEAR, N.E.C.—CONTINUED												
East South Central.	15	10	2,017	5,795	1,842	3,287	5,035	9,095	11,151	20,285	329	1,110	5,509
West South Central.	17	13	1,960	5,540	1,786	3,399	4,561	9,076	7,973	16,699	130	1,888	7,679
Texas.....	12	9	1,425	4,114	1,265	2,422	3,207	7,043	6,442	13,287	121	1,515	6,239
West.....	43	24	1,302	4,321	1,176	2,067	3,382	8,343	9,886	18,168	149	1,352	5,024
California.....	38	21	1,202	3,934	1,082	1,889	3,023	7,815	9,517	17,283	133	1,233	4,655
	Subindustry 2369-11.—Children's Outerwear, N.E.C.—MANUFACTURERS												
Total.....	333	180	18,086	55,434	15,986	29,712	44,128	91,304	97,183	187,381	1,255	19,077	87,072
New England.....	19	12	1,216	3,826	1,102	2,074	3,134	7,923	6,274	14,269	93	1,984	11,695
Middle Atlantic....	192	93	6,131	19,884	5,459	9,896	15,815	31,979	37,421	69,986	427	6,967	33,106
New York.....	152	71	4,696	15,291	4,191	7,632	12,120	24,565	30,753	55,876	322	4,448	22,285
New Jersey.....	14	5	358	1,074	323	605	939	1,686	1,249	3,163	20	740	3,160
Pennsylvania.....	26	17	1,077	3,519	945	1,659	2,756	5,728	5,419	10,947	85	1,779	7,661
East North Central.	13	6	681	2,187	597	1,247	1,619	4,395	3,991	8,302	34	1,969	10,509
West North Central.	11	6	681	2,106	625	1,154	1,830	5,286	3,605	8,882	77		
South Atlantic.....	43	33	6,363	18,581	5,464	10,242	14,384	26,544	31,559	56,878	418	5,221	20,347
North Carolina...	9	7	1,337	3,756	1,240	2,057	2,927	5,665	7,125	12,561	72	536	1,737
East South Central.	8	3	285	914	257	483	771	1,330	1,086	2,423	15	263	636
West South Central.	16	12	1,873	5,320	1,704	3,240	4,368	8,796	7,956	16,402	130	1,716	7,151
West.....	31	15	856	2,616	778	1,376	2,207	5,051	5,291	10,239	61	957	3,628
California.....	26	12	756	2,229	684	1,198	1,848	4,523	4,922	9,354	45	851	3,306
	Subindustry 2369-22.—Children's Outerwear, N.E.C.—JOBBER												
Total.....	99	35	3,143	15,596	2,180	4,191	8,003	49,438	132,584	180,574	387	2,187	25,206
New England.....	5	3	1,047	3,942	878	1,714	2,918	12,986	18,425	30,605	44	149	1,253
Middle Atlantic....	85	28	1,710	10,077	1,057	2,027	4,333	30,883	97,398	127,683	273	1,764	19,949
New York.....	75	26	1,536	8,948	941	1,792	3,800	25,080	75,348	100,053	254	1,600	18,686
North Central, South, and West.....	9	4	386	1,577	245	450	752	5,569	16,761	22,286	70	274	4,004
	Subindustry 2369-33.—Children's Outerwear, N.E.C.—CONTRACTORS												
Total.....	192	145	13,015	35,982	12,189	22,148	32,252	47,602	3,525	51,596	1,153	10,624	33,772
New England.....	14	10	1,042	3,221	954	1,729	2,842	4,531	361	4,935	186	983	3,018
Middle Atlantic....	129	88	5,712	15,993	5,419	9,532	14,533	22,155	1,401	23,775	417	5,484	18,230
New York.....	89	56	3,666	10,471	3,496	6,350	9,559	14,224	909	15,313	242	3,657	12,882
North Central, South, and West.....	59	47	6,261	16,768	5,816	10,887	14,877	20,916	1,763	22,886	550	4,157	12,524
North Carolina...	6	6	647	1,612	607	1,145	1,414	1,908	77	2,038	12	1,116	3,049

Standard Notes: — Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2341, Women's and Children's Underwear: New England—Maine 1 (20-99); New Hampshire, 2 (100-249); Massachusetts, 39 (3,165); Rhode Island, 3 (250-499); East North Central—Ohio, 3 (100-249); Indiana, 2 (100-249); Illinois, 12 (1,576); Michigan 13 (1,000-2,499); West North Central—Minnesota, 4 (100-249); South Atlantic—Maryland, 2 (100-249); West Virginia, 2 (100-249); North Carolina, 58 (5,000-9,999); South Carolina, 11 (1,000-2,499); Florida, 1 (20-99); East South Central—Tennessee, 12 (1,000-2,499); Alabama, 18 (5,000-9,999); West South Central—Arkansas, 1 (100-249); Louisiana, 5 (364); Oklahoma, 3 (500-999); Texas, 14 (500-999); Mountain—Colorado, 2 (100-249); Pacific—Oregon, 1 (100-249). SIC 2341-11, Women's and Children's Underwear—Manufacturers: New England—Maine, 1 (20-99); New Hampshire, 2 (100-249); Vermont, 3 (250,499); Massachusetts, 14 (1,000-2,499); Rhode Island, 2 (250-499); East North Central—Ohio, 2 (20-99); Indiana, 2 (100-249); Illinois, 10 (1,000-2,499); Michigan, 12 (1,000-2,499); Wisconsin, 2 (100-249); West North Central—Minnesota, 4 (100-249); Iowa, 2 (100-249); Missouri, 8 (250-999); South Atlantic—Maryland, 2 (100-249); West Virginia, 1 (20-99); North Carolina, 41 (5,000-9,999); South Carolina, 6 (1,000-2,499); Florida, 1 (20-99); East South Central—Tennessee, 8 (1,000-2,499); Alabama, 5 (500-999); West South Central—Louisiana, 5 (250-499); Oklahoma, 2 (500-999); Texas, 14 (500-999); Mountain—Colorado, 2 (100-249); Arizona, 2 (250-499); Utah, 1 (20-99); Pacific—Oregon, 1 (100-249); California, 34 (1,000-2,499). SIC 2341-22, Women's and Children's Underwear—Jobbers: New England—Massachusetts, 5 (20-99); Connecticut, 1 (20-99); Middle Atlantic—New York, 132 (1,000-2,499); New Jersey, 1 (1-19); Pennsylvania, 4 (100-249); West North Central—Missouri, 1 (20-99); East South Central—Tennessee, 1 (1-19); Pacific—California, 1 (1-19).

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-23C--Continued

SIC 2341-33, Women's and Children's Underwear—Contractors: New England—Vermont, 2 (250-499); Rhode Island, 1 (20-99); Connecticut, 5 (250-499); Middle Atlantic—New York, 121 (2,500-4,999); New Jersey, 30 (1,000-2,499); Pennsylvania, 62 (5,000-9,999); East North Central—Ohio, 1 (100-249); Illinois, 2 (100-249); Michigan, 1 (1-19); Wisconsin, 3 (100-249); West North Central—Iowa, 2 (100-249); Missouri, 1 (100-249); South Atlantic—West Virginia, 1 (100-249); North Carolina, 17 (2,500-4,999); South Carolina, 5 (500-999); East South Central—Tennessee, 3 (250-499); Alabama, 13 (2,500-4,999); West South Central—Arkansas, 1 (100-249); Oklahoma, 1 (100-249); Mountain—Arizona, 2 (250-499); Utah, 2 (500-999);

SIC 2342, Corsets and Allied Garments: New England—New Hampshire, 1 (20-99); Massachusetts, 6 (719); Rhode Island, 2 (1-19); East North Central—Ohio, 2 (20-99); Indiana, 4 (500-999); Illinois, 16 (2,453); Michigan, 3 (500-999); West North Central—Nebraska, 2 (250-499); South Atlantic—Delaware, 1 (1,000-2,499); West Virginia, 1 (100-249); South Carolina, 1 (1-19); Georgia, 9 (2,500-4,999); Florida, 4 (100-249); East South Central—Kentucky, 1 (100-249); Tennessee, 1 (500-999); Alabama, 4 (1,000-2,499); Mississippi, 1 (20-99); West South Central—Arkansas, 3 (100-249); Oklahoma, 2 (20-99); Texas, 5 (1,000-2,499).

SIC 2342-11, Corsets and Allied Garments—Manufacturers: New England—Massachusetts, 5 (500-999); Rhode Island, 2 (1-19); Connecticut, 11 (1,000-2,499); East North Central—Ohio, 2 (20-99); Indiana, 1 (250-499); Illinois, 12 (1,000-2,499); Michigan, 2 (250-499); South Atlantic—Delaware, 1 (1,000-2,499); West Virginia, 1 (100-249); South Carolina, 1 (1-19); Georgia, 9 (2,500-4,999); Florida, 4 (100-249); East South Central—Kentucky, 1 (100-249); Tennessee, 1 (500-999); Alabama, 1 (250-499); West South Central—Arkansas, 3 (100-249); Oklahoma, 2 (20-99); Texas, 5 (1,000-2,499).

SIC 2342-22, Corsets and Allied Garments—Jobbers: Middle Atlantic—New York, 13 (250-499); New Jersey, 2 (20-99); Pennsylvania, 1 (1-19); Pacific—California, 4 (1-19).

SIC 2342-33, Corsets and Allied Garments—Contractors: New England—New Hampshire, 1 (20-99); Massachusetts, 1 (100-249); Connecticut, 3 (250-499); Middle Atlantic—New York, 20 (500-999); New Jersey, 6 (500-999); Pennsylvania, 11 (2,500-4,999); East North Central—Indiana, 3 (250-499); Illinois, 4 (500-999); Michigan, 1 (20-99); West North Central—Nebraska, 2 (250-499); South Atlantic—West Virginia, 4 (500-999); North Carolina, 1 (100-249); Georgia, 2 (500-999); Florida, 2 (250-499); East South Central—Alabama, 3 (500-999); Mississippi, 1 (20-99); Pacific—California, 3 (100-249).

SIC 2351, Millinery: New England—Massachusetts, 23 (1,000-2,499); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); East North Central—Ohio, 4 (20-99); Michigan, 2 (20-99); Wisconsin, 1 (20-99); South Atlantic—Maryland, 6 (20-99); Virginia, 2 (100-249); Georgia, 5 (157); Florida, 5 (20-99); East South Central—Alabama, 1 (1-19); West South Central—Texas, 16 (250-499); Mountain—Colorado, 2 (1-19); Pacific—Washington, 2 (1-19); Hawaii, 1 (1-19).

SIC 2352, Hats and Caps: New England—Maine, 1 (1-19); Massachusetts, 19 (500-999); East North Central—Ohio, 10 (20-99); Michigan, 4 (20-99); Wisconsin, 4 (100-249); West North Central—Minnesota, 7 (100-249); Iowa, 2 (20-99); South Atlantic—Virginia, 4 (250-499); South Carolina, 1 (20-99); Georgia, 4 (20-99); Florida, 2 (20-99); East South Central—Kentucky, 3 (209); Tennessee, 4 (500-999); Alabama, 1 (20-99); West South Central—Oklahoma, 2 (20-99); Texas, 20 (1,000-2,499); Mountain—Colorado, 1 (20-99); Pacific—Washington, 1 (1-19); California, 23 (279).

SIC 2361, Children's Dresses and Blouses: New England—Maine, 3 (100-249); New Hampshire, 1 (20-99); Vermont, 5 (20-99); Rhode Island, 1 (100-249); Connecticut, 1 (20-99); East North Central—Ohio, 3 (100-249); Illinois, 6 (256); Michigan, 4 (101); Wisconsin, 1 (100-249); West North Central—Minnesota, 2 (1-19); Missouri, 6 (250-499); Kansas, 2 (20-99); South Atlantic—Delaware, 2 (20-99); Georgia, 3 (500-999); East South Central—Kentucky, 1 (250-499); Alabama, 3 (100-249); Mississippi, 1 (100-249); West South Central—Arkansas, 1 (1-19); Oklahoma, 2 (20-99); Texas, 27 (1,000-2,499); Mountain—Idaho, 1 (1-19); Colorado, 1 (1-19); New Mexico, 1 (1-19); Utah, 3 (20-99); Pacific—Washington, 1 (1-19); Oregon, 1 (100-249); California, 41 (1,000-2,499); Hawaii, 3 (20-99).

SIC 2361-11, Children's Dresses and Blouses—Manufacturers: New England—Maine, 2 (100-249); Rhode Island, 1 (100-249); Middle Atlantic—New Jersey, 22 (500-999); East North Central—Ohio, 2 (100-249); Illinois, 4 (100-249); Michigan, 4 (100-249); Wisconsin, 1 (100-249); West North Central—Minnesota, 2 (1-19); Missouri, 5 (250-499); Kansas, 1 (1-19); South Atlantic—Maryland, 2 (1-19); Virginia, 2 (100-249); North Carolina, 4 (1,000-2,499); South Carolina, 2 (500-999); Georgia, 3 (500-999); Florida, 6 (20-99); East South Central—Alabama, 2 (100-249); West South Central—Arkansas, 1 (1-19); Oklahoma, 2 (20-99); Texas, 20 (1,000-2,499); Mountain—Idaho, 1 (1-19); Colorado, 1 (1-19); New Mexico, 1 (1-19); Utah, 3 (20-99); Pacific—Washington, 1 (1-19); Oregon, 1 (100-249); California, 28 (500-999); Hawaii, 3 (20-99).

SIC 2361-22, Children's Dresses and Blouses—Jobbers: New England—New Hampshire, 1 (20-99); Massachusetts, 1 (1-19); Middle Atlantic—New Jersey, 9 (500-999); Pennsylvania, 4 (20-99); South Atlantic—North Carolina, 1 (20-99); Pacific—California, 2 (1-19).

SIC 2361-33, Children's Dresses and Blouses—Contractors: New England—Maine, 1 (20-99); Vermont, 5 (20-99); Massachusetts, 6 (500-999); Connecticut, 1 (20-99); Middle Atlantic—Pennsylvania, 73 (5,000-9,999); East North Central—Ohio, 1 (20-99); Illinois, 2 (100-249); West North Central—Missouri, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Delaware, 2 (20-99); Maryland, 5 (250,499); Virginia, 16 (1,000-2,499); North Carolina, 5 (250-499); South Carolina, 12 (1,000-2,499); Florida, 1 (20-99); East South Central—Kentucky, 1 (250-499); Alabama, 1 (100-249); West South Central—Texas, 7 (500-999); Pacific—California, 11 (100-249); Hawaii, 1 (20-99).

SIC 2363, Children's Coats and Suits: New England—Massachusetts, 9 (427); Rhode Island, 1 (1-19); Connecticut, 4 (100-249); East North Central—Indiana, 1 (1-19); Illinois, 1 (1-19); Michigan, 2 (20-99); West North Central—Minnesota, 1 (100-249); Missouri, 1 (250-499); South Atlantic—Virginia, 1 (1-19); South Carolina, 2 (250-499); Georgia, 2 (250-499); West South Central—Texas, 1 (20-99); Pacific—Washington, 1 (20-99); California, 7 (100-249).

SIC 2363-11, Children's Coats and Suits—Manufacturers: New England—Massachusetts, 5 (100-249); Connecticut, 1 (1-19); Middle Atlantic—Pennsylvania, 11 (500-999); East North Central—Indiana, 1 (1-19); Illinois, 1 (1-19); Michigan, 1 (1-19); West North Central—Minnesota, 1 (100-249); Missouri, 1 (250,499); South Atlantic—Virginia, 1 (1-19); North Carolina, 2 (500-999); Georgia, 1 (20-99); West South Central—Texas, 1 (20-99); Mountain—Washington, 1 (20-99); California, 6 (20-99).

SIC 2363-22, Children's Coats and Suits—Jobbers: New England—Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 5 (20-99); Pennsylvania, 2 (20-99); South Atlantic—North Carolina, 1 (20-99).

SIC 2363-33, Children's Coats and Suits—Contractors: New England—Massachusetts, 4 (100-249); Rhode Island, 1 (1-19); Connecticut, 2 (100-249); Middle Atlantic—New Jersey, 33 (1,000-2,499); East North Central—Michigan, 1 (20-99); South Atlantic—North Carolina, 2 (250-499); South Carolina, 2 (250-499); Georgia, 1 (100-249); Mountain—California, 1 (20-99).

SIC 2369, Children's Outerwear, N.E.C.: New England—Maine, 3 (250-499); New Hampshire, 3 (100-249); Vermont, 1 (1-19); Massachusetts, 28 (1,718); Rhode Island, 2 (500-999); Connecticut, 1 (1-19); East North Central—Ohio, 1 (20-99); Illinois, 9 (100-249); Michigan, 4 (500-999); Wisconsin, 2 (100-249); West North Central—Minnesota, 2 (100-249); Iowa, 1 (20-99); Kansas, 3 (100-249); South Atlantic—Delaware, 3 (100-249); District of Columbia, 1 (1-19); Virginia, 7 (500-999); West Virginia, 2 (100-249); East South Central—Tennessee, 4 (500-999); Alabama, 9 (1,000-2,499); Mississippi, 2 (100-249); West South Central—Arkansas, 1 (100-249); Louisiana, 1 (100-249); Oklahoma, 3 (143); Mountain—Colorado, 1 (20-99); Utah, 1 (20-99); Pacific—Washington, 1 (20-99); Oregon, 1 (1-19); Hawaii, 1 (1-19).

SIC 2369-11, Children's Outerwear, N.E.C.—Manufacturers: New England—Maine, 2 (100-249); Vermont, 1 (1-19); Massachusetts, 15 (500-999); Rhode Island, 1 (1-19); East North Central—Ohio, 1 (20-99); Indiana, 1 (20-99); Illinois, 8 (100-249); Michigan, 3 (500-999); West North Central—Minnesota, 2 (100-249); Iowa, 1 (20-99); Missouri, 5 (250-499); Kansas, 3 (100-249); South Atlantic—Delaware, 1 (1-19); Maryland, 3 (100-249); Virginia, 1 (1-19); West Virginia, 1 (100-249); South Carolina, 6 (2,500-4,999); Georgia, 7 (1,000-2,499); Florida, 15 (500-999); East South Central—Tennessee, 2 (20-99); Alabama, 4 (20-99); Mississippi, 2 (100-249); West South Central—Arkansas, 1 (100-249); Louisiana, 1 (100-249); Oklahoma, 2 (20-99); Texas, 12 (1,000-2,499); Mountain—Colorado, 1 (20-99); Utah, 1 (20-99); Pacific—Washington, 1 (20-99); Oregon, 1 (1-19); Hawaii, 1 (1-19).

SIC 2369-22, Children's Outerwear, N.E.C.—Jobbers: New England—Massachusetts, 4 (100-249); Rhode Island, 1 (500-999); Middle Atlantic—New Jersey, 7 (100-249); Pennsylvania, 3 (20-99); West North Central—Missouri, 1 (20-99); South Atlantic—Maryland, 1 (1-19); District of Columbia, 1 (1-19); East South Central—Alabama, 1 (100-249); Pacific—California, 5 (100-249).

SIC 2369-33, Children's Outerwear, N.E.C.—Contractors: New England—Maine, 1 (100-249); New Hampshire, 3 (100-249); Massachusetts, 9 (500-999); Connecticut, 1 (1-19); Middle Atlantic—New Jersey, 18 (500-999); Pennsylvania, 22 (1,000-2,499); East North Central—Indiana, 2 (250,499); Illinois, 1 (1-19); Michigan, 1 (100-249); Wisconsin, 2 (100-249); West North Central—Missouri, 1 (20-99); South Atlantic—Delaware, 2 (100-249); Maryland, 4 (250-499); Virginia, 6 (500-999); West Virginia, 1 (20-99); South Carolina, 4 (500-999); Georgia, 4 (500-999); Florida, 1 (20-99); East South Central—Oklahoma, 1 (20-99); Texas, 7 (250-499); Pacific—California, 7 (250-499).

²See text regarding comparability of 1963 and 1958 data.³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Women's and children's underwear (SIC 2341)				Corsets and allied garments (SIC 2342)			
	Total	Manuf- turers (SIC 2341-11)	Jobbers (SIC 2341-22)	Contractors (SIC 2341-33)	Total	Manuf- turers (SIC 2342-11)	Jobbers (SIC 2342-22)	Contractors (SIC 2342-33)
Primary product specialization ratio ¹.....	.93	(NA)	(NA)	(NA)	.95	(NA)	(NA)	(NA)
Coverage ratio ².....	.85	(NA)	(NA)	(NA)	.97	(NA)	(NA)	(NA)
Establishments, total.....number..	1,069	604	146	319	351	263	20	68
With 1 to 19 employees.....do....	441	246	112	83	117	88	14	15
With 20 to 99 employees.....do....	402	221	31	150	116	90	5	21
With 100 employees or more.....do....	226	137	3	86	118	85	1	32
Proprietors and working partners.....do....	433	(NA)	(NA)	(NA)	82	(NA)	(NA)	(NA)
All employees (average for the year).....do....	76,723	45,219	2,365	29,139	37,144	27,669	323	9,152
Payroll (all employees), total for year.....\$1,000..	238,850	141,950	16,225	80,675	139,907	111,003	3,273	25,631
Production workers:								
Average for the year.....number..	68,446	40,281	725	27,440	31,394	22,744	51	8,599
March.....do....	66,790	39,484	752	26,554	29,968	21,822	44	8,102
May.....do....	66,172	39,091	688	26,393	30,660	22,300	55	8,305
August.....do....	69,210	40,737	706	27,767	31,557	22,801	47	8,709
November.....do....	71,612	41,812	754	29,046	33,394	24,054	58	9,282
Man-hours.....1,000..	123,433	72,651	1,446	49,336	56,746	41,340	91	15,315
January-March.....do....	29,784	17,636	363	11,785	13,614	9,926	21	3,667
April-June.....do....	29,920	17,803	352	11,765	14,201	10,413	23	3,765
July-September.....do....	30,981	18,238	353	12,390	13,812	10,057	21	3,734
October-December.....do....	32,748	18,974	378	13,396	15,119	10,944	26	4,149
Wages.....\$1,000..	186,282	110,685	3,346	72,251	95,726	72,146	335	23,245
Cost of materials, etc., total.....do....	552,980	363,864	178,780	10,336	291,531	254,828	35,532	1,171
Materials, parts, containers, and supplies consumed.....do....	441,360	317,599	114,879	8,882	218,295	201,437	15,952	906
Cost of resales.....do....	8,450	8,383	66	1	10,384	10,365	15	4
Fuels consumed.....do....	820	475	20	325	443	393	1	49
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	122	70	4	48	59	48	1	10
Cost.....\$1,000..	2,092	1,298	62	732	1,109	896	12	201
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-	(D)	(D)	-	-
Contract work.....\$1,000..	100,258	36,109	63,753	396	61,300	41,737	19,552	11
Value of shipments (including resales), total.....do....	976,108	641,858	221,493	112,757	593,912	517,243	45,216	31,453
Value of resales.....do....	10,079	9,993	85	1	20,401	20,379	17	5
Value added by manufacture, adjusted.....do....	430,771	284,188	44,459	102,124	310,150	268,861	10,812	30,477
Manufacturers' inventories:								
Beginning of year, total.....do....	134,849	98,852	31,569	4,427	90,397	79,851	7,659	2,887
Finished products.....do....	59,442	43,446	14,787	1,209	41,285	37,389	3,671	225
Work-in-process.....do....	29,754	21,025	6,999	1,730	21,044	16,880	1,604	2,560
Materials, supplies, fuel, etc.....do....	45,653	34,381	9,783	1,489	28,068	25,582	2,384	102
End of year, total.....do....	141,703	103,437	34,232	4,034	99,891	86,876	9,897	3,118
Finished products.....do....	64,839	48,428	15,878	533	46,463	41,167	5,192	104
Work-in-process.....do....	32,000	22,249	7,642	2,109	23,635	19,548	1,211	2,876
Materials, supplies, fuel, etc.....do....	44,864	32,760	10,712	1,392	29,793	26,161	3,494	138
Expenditures for plant and equipment, total.....do....	6,863	4,551	396	1,916	3,604	3,065	23	516
New, total.....do....	6,412	4,239	383	1,790	3,514	2,975	23	516
New structures and additions to plant.....do....	977	705	16	256	613	547	4	62
New machinery and equipment.....do....	5,435	3,534	367	1,534	2,901	2,428	19	454
Used plant and equipment.....do....	451	312	13	126	90	90	-	-
Selected operating ratios:								
Payroll/Total employment.....	3,113	3,139	6,860	2,769	3,767	4,012	10,133	2,801
Production workers/Total employment.....	.89	.89	.31	.94	.85	.82	.16	.94
Man-hours/Production workers.....	1,803	1,804	1,994	1,798	1,808	1,818	1,784	1,781
Production worker wages/Man-hours.....	1.51	1.52	2.31	1.46	1.69	1.75	3.68	1.52
Cost of materials and payrolls/Total value of shipments....	.81	.79	.88	.81	.73	.71	.86	.85
Cost of materials/Total value of shipments.....	.57	.57	.81	.09	.49	.49	.79	.04
Adjusted value added/Total employment.....	5,615	6,285	18,799	3,505	8,350	9,717	33,474	3,330
Salaries and wages/Adjusted value added.....	.55	.50	.36	.79	.45	.41	.30	.84

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Millinery (SIC 2351)	Hats and caps (SIC 2352)	Children's dresses and blouses (SIC 2361)			
			Total	Manufacturers (SIC 2361-11)	Jobbers (SIC 2361-22)	Contractors (SIC 2361-33)
Primary product specialization ratio ¹	1.00	.98	.90	(NA)	(NA)	(NA)
Coverage ratio ²	1.00	.98	.82	(NA)	(NA)	(NA)
Establishments, total.....number..	711	436	667	292	79	296
With 1 to 19 employees.....do....	490	263	255	145	41	69
With 20 to 99 employees.....do....	209	132	319	109	36	174
With 100 employees or more.....do....	12	41	93	38	2	53
Proprietors and working partners.....do....	362	255	325	(NA)	(NA)	(NA)
All employees (average for the year).....do....	14,183	16,608	35,792	15,129	2,110	18,553
Payroll (all employees), total for year.....\$1,000..	55,576	60,463	115,061	51,302	13,303	50,456
Production workers:						
Average for the year.....number..	12,244	14,578	31,928	12,924	1,221	17,783
March.....do....	15,851	14,728	31,739	12,956	1,224	17,559
May.....do....	9,618	14,580	31,672	12,445	1,191	18,036
August.....do....	12,988	14,381	32,200	12,977	1,214	18,009
November.....do....	10,519	14,623	32,101	13,318	1,255	17,528
Man-hours.....1,000..	21,688	26,619	55,885	23,096	2,267	30,522
January-March.....do....	6,878	6,680	13,941	5,682	572	7,687
April-June.....do....	4,276	6,890	13,861	5,618	546	7,697
July-September.....do....	5,619	6,499	13,944	5,778	572	7,594
October-December.....do....	4,915	6,550	14,139	6,018	577	7,544
Wages.....\$1,000..	44,277	47,392	89,976	38,216	5,164	46,596
Cost of materials, etc., total.....do....	70,335	79,785	239,759	127,675	107,847	4,237
Materials, parts, containers, and supplies consumed.....do....	66,170	72,933	155,952	93,568	58,961	3,423
Cost of resales.....do....	357	4,273	495	463	32	-
Fuels consumed.....do....	186	708	278	128	15	135
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	26	41	53	28	7	18
Cost.....\$1,000..	927	789	1,027	539	130	358
Generated less sold.....million kw.-hrs..	-	-	-	-	-	-
Contract work.....\$1,000..	2,695	1,082	82,007	32,977	48,709	321
Value of shipments (including resales), total.....do....	163,185	171,108	443,343	232,289	142,788	68,266
Value of resales.....do....	509	6,439	1,005	970	35	-
Value added by manufacture, adjusted.....do....	93,168	91,606	205,623	106,113	35,505	64,005
Manufacturers' inventories:						
Beginning of year, total.....do....	9,704	27,164	41,376	25,423	14,370	1,583
Finished products.....do....	3,031	10,706	17,098	9,376	7,295	427
Work-in-process.....do....	1,804	4,184	11,042	7,323	3,110	609
Materials, supplies, fuel, etc.....do....	4,869	12,274	13,236	8,724	3,965	547
End of year, total.....do....	10,062	28,908	44,143	27,477	15,153	1,513
Finished products.....do....	3,387	10,510	18,177	10,038	7,787	352
Work-in-process.....do....	1,766	4,663	12,002	8,160	3,182	660
Materials, supplies, fuel, etc.....do....	4,909	13,735	13,964	9,279	4,184	501
Expenditures for plant and equipment, total.....do....	719	2,529	3,212	1,980	203	1,029
New, total.....do....	686	2,274	2,973	1,930	200	843
New structures and additions to plant.....do....	17	518	953	575	84	294
New machinery and equipment.....do....	669	1,756	2,020	1,355	116	549
Used plant and equipment.....do....	33	255	239	50	3	186
Selected operating ratios:						
Payroll/Total employment.....	3,918	3,641	3,215	3,391	6,305	2,720
Production workers/Total employment.....	.86	.88	.89	.85	.58	.96
Man-hours/Production workers.....	1,771	1,826	1,750	1,787	1,857	1,716
Production worker wages/Man-hours.....	2.04	1.78	1.61	1.65	2.28	1.53
Cost of materials and payrolls/Total value of shipments.....	.77	.82	.80	.77	.85	.80
Cost of materials/Total value of shipments.....	.43	.54	.54	.55	.76	.06
Adjusted value added/Total employment.....	6,569	5,516	5,723	7,014	16,827	3,450
Salaries and wages/Adjusted value added.....	.60	.66	.56	.48	.37	.79

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Children's coats and suits (SIC 2363)				Children's outerwear, n.e.c. (SIC 2369)			
	Total	Manufacturers (SIC 2363-11)	Jobbers (SIC 2363-22)	Contractors (SIC 2363-33)	Total	Manufacturers (SIC 2369-11)	Jobbers (SIC 2369-22)	Contractors (SIC 2369-33)
Primary product specialization ratio ¹.....	.92	(NA)	(NA)	(NA)	.79	(NA)	(NA)	(NA)
Coverage ratio ².....	.85	(NA)	(NA)	(NA)	.67	(NA)	(NA)	(NA)
Establishments, total.....number..	285	123	45	117	624	333	99	192
With 1 to 19 employees.....do....	133	73	34	26	264	153	64	47
With 20 to 99 employees.....do....	124	37	11	76	266	129	30	107
With 100 employees or more.....do....	28	13	-	15	94	51	5	38
Proprietors and working partners.....do....	135	(NA)	(NA)	(NA)	193	(NA)	(NA)	(NA)
All employees (average for the year).....do....	11,848	5,124	767	5,957	34,244	18,086	3,143	13,015
Payroll (all employees), total for year.....\$1,000..	42,986	18,947	5,968	18,071	107,012	55,434	15,596	35,982
Production workers:								
Average for the year.....number..	10,395	4,424	381	5,590	30,355	15,986	2,180	12,189
March.....do....	10,468	4,382	379	5,707	30,279	16,243	2,127	19,909
May.....do....	10,342	4,476	338	5,528	30,021	15,800	2,087	12,134
August.....do....	12,233	5,279	476	6,478	30,426	15,818	2,296	12,312
November.....do....	8,537	3,559	331	4,647	30,694	16,083	2,210	12,401
Man-hours.....1,000..	18,562	7,937	764	9,861	56,051	29,712	4,191	22,148
January-March.....do....	4,571	1,960	187	2,424	13,771	7,351	989	5,431
April-June.....do....	4,510	1,938	169	2,403	13,768	7,338	991	5,439
July-September.....do....	5,416	2,361	236	2,819	14,256	7,529	1,128	5,599
October-December.....do....	4,065	1,678	172	2,215	14,256	7,494	1,083	5,679
Wages.....\$1,000..	32,899	14,302	2,161	16,436	84,383	44,128	8,003	32,252
Cost of materials, etc., total.....do....	88,895	39,837	46,786	2,272	233,292	97,183	132,584	3,525
Materials, parts, containers, and supplies consumed.....do....	63,552	32,796	28,904	1,852	173,962	88,945	82,072	2,945
Cost of resales.....do....	131	29	-	102	2,297	991	1,304	2
Fuels consumed.....do....	116	36	13	67	253	162	18	73
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	27	11	2	14	78	26	5	47
Cost.....\$1,000..	467	205	35	227	872	484	114	274
Generated less sold.....million kw.-hrs..	-	-	-	-	(D)	(D)	-	-
Contract work.....\$1,000..	24,629	6,771	17,834	24	55,908	6,601	49,076	231
Value of shipments (including resales), total.....do....	162,929	74,561	62,149	26,219	419,551	187,381	180,574	51,596
Value of resales.....do....	198	86	-	112	2,994	1,612	1,306	76
Value added by manufacture, adjusted.....do....	72,735	33,350	15,502	23,883	188,344	91,304	49,438	47,602
Manufacturers' inventories:								
Beginning of year, total.....do....	18,933	12,505	5,841	587	58,656	33,912	21,895	2,849
Finished products.....do....	7,101	4,810	2,138	153	26,940	15,565	10,566	809
Work-in-process.....do....	2,777	1,818	765	194	10,747	5,883	3,922	942
Materials, supplies, fuel, etc.....do....	9,055	5,877	2,938	240	20,969	12,464	7,407	1,098
End of year, total.....do....	16,364	10,112	5,807	445	64,781	36,325	26,575	1,881
Finished products.....do....	6,231	3,916	2,226	89	28,704	16,749	11,478	477
Work-in-process.....do....	2,348	1,338	816	194	11,235	5,805	4,625	805
Materials, supplies, fuel, etc.....do....	7,785	4,858	2,765	162	24,842	13,771	10,472	599
Expenditures for plant and equipment, total.....do....	1,187	585	99	503	3,043	1,340	390	1,313
New, total.....do....	1,106	547	97	462	2,795	1,255	387	1,153
New structures and additions to plant.....do....	74	46	10	18	392	149	53	190
New machinery and equipment.....do....	1,032	501	87	444	2,403	1,106	334	963
Used plant and equipment.....do....	81	38	2	41	248	85	3	160
Selected operating ratios:								
Payroll/Total employment.....	3,628	3,698	7,781	3,034	3,125	3,065	4,962	2,765
Production workers/Total employment.....	.88	.86	.50	.94	.89	.88	.69	.94
Man-hours/Production workers.....	1,786	1,794	2,005	1,764	1,847	1,859	1,922	1,817
Production worker wages/Man-hours.....	1.77	1.80	2.83	1.67	1.51	1.49	1.91	1.46
Cost of materials and payrolls/Total value of shipments.....	.81	.79	.85	.78	.81	.81	.82	.77
Cost of materials/Total value of shipments.....	.55	.53	.75	.09	.56	.52	.73	.07
Adjusted value added/Total employment.....	6,139	6,509	20,211	4,009	5,500	5,048	15,730	3,657
Salaries and wages/Adjusted value added.....	.59	.57	.38	.76	.57	.60	.32	.76

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2341.—WOMEN'S AND CHILDREN'S UNDERWEAR											
Establishments.....number..	1,069	163	110	168	240	162	161	48	16	1	-
All employees:											
Total.....do....	76,723	339	747	2,308	7,956	11,328	25,331	16,986	<u>11,728</u>	(D)	-
Payroll.....\$1,000..	238,850	1,661	3,359	8,774	25,201	34,881	74,724	53,456	<u>36,794</u>	(D)	-
Value added, adjusted.....do....	430,771	4,568	8,220	19,391	46,887	58,761	129,683	95,917	<u>67,344</u>	(D)	-
Value of shipments.....do....	976,108	19,783	34,530	61,579	129,731	131,361	269,710	199,125	<u>130,289</u>	(D)	-
Capital expenditures, new...do....	6,412	29	118	218	608	836	1,752	1,773	<u>1,078</u>	(D)	-
Subindustry 2341-11.—Women's and Children's Underwear—MANUFACTURERS											
Establishments.....number..	604	101	64	81	131	90	96	32	8	1	-
All employees:											
Total.....do....	45,219	199	445	1,083	4,348	6,241	15,353	11,052	<u>6,498</u>	(D)	-
Payroll.....\$1,000..	141,950	667	1,524	3,207	13,084	19,197	46,498	35,614	<u>22,159</u>	(D)	-
Value added, adjusted.....do....	284,188	1,299	3,585	6,696	23,585	34,033	90,366	74,759	<u>49,865</u>	(D)	-
Value of shipments.....do....	641,858	2,744	7,674	14,048	52,825	75,512	202,726	175,645	<u>110,684</u>	(D)	-
Capital expenditures, new...do....	4,239	13	63	97	363	438	1,032	1,270	<u>963</u>	(D)	-
Subindustry 2341-22.—Women's and Children's Underwear—JOBBERS											
Establishments.....number..	146	49	29	34	22	9	3	-	-	-	-
All employees:											
Total.....do....	2,365	108	185	461	694	582	335	-	-	-	-
Payroll.....\$1,000..	16,225	885	1,504	3,386	4,341	3,494	2,615	-	-	-	-
Value added, adjusted.....do....	44,459	2,995	3,973	9,773	12,407	9,292	6,019	-	-	-	-
Value of shipments.....do....	221,493	16,650	26,005	44,158	64,285	39,038	31,357	-	-	-	-
Capital expenditures, new...do....	383	13	47	82	113	34	94	-	-	-	-
Subindustry 2341-33.—Women's and Children's Underwear—CONTRACTORS											
Establishments.....number..	319	13	17	53	87	63	62	16	8	-	-
All employees:											
Total.....do....	29,139	32	117	764	2,914	4,505	9,643	5,934	<u>5,230</u>	-	-
Payroll.....\$1,000..	80,675	109	331	2,181	7,776	12,190	25,611	17,842	<u>14,635</u>	-	-
Value added, adjusted.....do....	102,124	274	662	2,922	10,895	15,436	33,298	21,158	<u>17,479</u>	-	-
Value of shipments.....do....	112,757	389	851	3,373	12,621	16,811	35,627	23,480	<u>19,605</u>	-	-
Capital expenditures, new...do....	1,790	3	8	39	132	364	626	503	<u>115</u>	-	-
INDUSTRY 2342.—CORSETS AND ALLIED GARMENTS											
Establishments.....number..	351	43	28	46	60	56	85	23	7	3	-
All employees:											
Total.....do....	37,144	79	171	642	1,947	4,085	13,391	8,237	<u>4,735</u>	3,857	-
Payroll.....\$1,000..	139,907	377	710	2,356	7,785	14,261	48,295	30,765	<u>16,514</u>	18,844	-
Value added, adjusted.....do....	310,150	859	1,306	4,503	15,625	22,707	90,495	82,090	<u>40,308</u>	52,257	-
Value of shipments.....do....	593,912	3,148	4,117	9,146	47,990	43,512	175,201	142,930	<u>74,239</u>	93,629	-
Capital expenditures, new...do....	3,514	<u>408</u>	(D)	(D)	135	334	834	571	<u>647</u>	585	-
Subindustry 2342-11.—Corsets and Allied Garments—MANUFACTURERS											
Establishments.....number..	263	33	19	36	48	42	61	17	4	3	-
All employees:											
Total.....do....	27,669	65	118	509	1,592	3,079	9,650	<u>8,799</u>	(D)	3,857	-
Payroll.....\$1,000..	111,003	228	386	1,801	5,649	11,567	36,904	<u>35,624</u>	(D)	18,844	-
Value added, adjusted.....do....	268,861	364	541	3,407	9,887	19,631	75,081	<u>107,693</u>	(D)	52,257	-
Value of shipments.....do....	517,243	857	1,003	6,087	19,039	40,268	154,019	<u>202,341</u>	(D)	93,629	-
Capital expenditures, new...do....	2,975	340	13	41	105	299	601	<u>991</u>	(D)	585	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2342-22.—Corsets and Allied Garments—JOBBERs											
Establishments.....number..	20	8	4	2	5	-	1	-	-	-	-
All employees:											
Total.....do....	323	34	(D)	289	(D)	-	(D)	-	-	-	-
Payroll.....\$1,000..	3,273	343	(D)	2,930	(D)	-	(D)	-	-	-	-
Value added, adjusted.....do....	10,812	1,047	(D)	9,765	(D)	-	(D)	-	-	-	-
Value of shipments.....do....	45,216	5,152	(D)	40,064	(D)	-	(D)	-	-	-	-
Capital expenditures, new...do....	23	23	(D)	(D)	(D)	-	(D)	-	-	-	-
Subindustry 2342-33.—Corsets and Allied Garments—CONTRACTORS											
Establishments.....number..	68	2	5	8	7	14	23	6	3	-	-
All employees:											
Total.....do....	9,152	33	(D)	4,946	(D)	(D)	(D)	4,173	(D)	-	-
Payroll.....\$1,000..	25,631	130	(D)	13,486	(D)	(D)	(D)	11,655	(D)	-	-
Value added, adjusted.....do....	30,477	213	(D)	15,559	(D)	(D)	(D)	14,705	(D)	-	-
Value of shipments.....do....	31,453	253	(D)	16,372	(D)	(D)	(D)	14,828	(D)	-	-
Capital expenditures, new...do....	516	4	(D)	285	(D)	(D)	(D)	227	(D)	-	-
INDUSTRY 2351.—MILLINERY											
Establishments.....number..	711	195	137	158	163	46	8	3	1	-	-
All employees:											
Total.....do....	14,183	396	922	2,182	4,890	3,102	1,157	1,534	(D)	-	-
Payroll.....\$1,000..	55,576	1,408	3,722	8,968	19,956	11,847	4,268	5,407	(D)	-	-
Value added, adjusted.....do....	93,168	2,995	7,517	16,798	32,520	19,048	7,266	7,024	(D)	-	-
Value of shipments.....do....	163,185	5,221	14,466	29,405	55,656	33,967	11,949	12,521	(D)	-	-
Capital expenditures, new...do....	686	19	58	115	304	136	41	13	(D)	-	-
INDUSTRY 2352.—HATS AND CAPS											
Establishments.....number..	436	140	61	62	87	45	33	5	3	-	-
All employees:											
Total.....do....	16,608	243	402	823	2,759	3,131	4,856	2,167	2,227	-	-
Payroll.....\$1,000..	60,463	964	1,327	2,998	9,850	10,903	15,715	9,856	8,850	-	-
Value added, adjusted.....do....	91,606	2,010	2,588	5,615	15,071	16,743	25,195	12,116	12,268	-	-
Value of shipments.....do....	171,108	3,989	4,764	10,334	28,355	30,001	47,187	25,198	21,280	-	-
Capital expenditures, new...do....	2,274	17	34	77	111	246	376	408	1,005	-	-
INDUSTRY 2361.—CHILDREN'S DRESSES AND BLOUSES											
Establishments.....number..	667	83	57	115	206	113	73	16	4	-	-
All employees:											
Total.....do....	35,792	177	411	1,685	6,662	7,860	11,198	5,369	2,430	-	-
Payroll.....\$1,000..	115,061	571	1,590	6,121	22,633	25,460	33,421	16,330	8,935	-	-
Value added, adjusted.....do....	205,623	2,290	4,490	14,694	39,517	44,568	51,387	25,919	22,758	-	-
Value of shipments.....do....	443,343	6,121	15,324	42,745	100,479	106,239	86,261	43,141	43,033	-	-
Capital expenditures, new...do....	2,973	25	39	197	414	350	1,463	263	222	-	-
Subindustry 2361-11.—Children's Dresses and Blouses—MANUFACTURERS											
Establishments.....number..	292	62	34	49	69	40	26	8	4	-	-
All employees:											
Total.....do....	15,129	135	243	686	2,090	2,706	4,205	2,634	2,430	-	-
Payroll.....\$1,000..	51,302	410	662	2,252	7,114	9,373	14,303	8,253	8,935	-	-
Value added, adjusted.....do....	106,113	944	1,379	5,376	14,456	18,912	26,422	15,866	22,758	-	-
Value of shipments.....do....	232,289	2,102	4,194	13,985	34,512	48,324	53,348	32,791	43,033	-	-
Capital expenditures, new...do....	1,930	17	32	62	234	200	965	198	222	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2361-22.—Children's Dresses and Blouses—JOBBERs											
Establishments.....number..	79	10	13	18	23	13	2	-	-	-	-
All employees:											
Total.....do....	2,110	13	92	244	682	1,079	(D)	-	-	-	-
Payroll.....\$1,000..	13,303	96	627	1,923	4,983	5,674	(D)	-	-	-	-
Value added, adjusted.....do....	35,505	1,273	2,643	6,826	11,241	13,522	(D)	-	-	-	-
Value of shipments.....do....	142,788	3,932	10,479	26,016	51,341	51,020	(D)	-	-	-	-
Capital expenditures, new...do....	200	125	(D)	(D)	55	20	(D)	-	-	-	-
Subindustry 2361-33.—Children's Dresses and Blouses—CONTRACTORS											
Establishments.....number..	296	11	10	48	114	60	45	8	-	-	-
All employees:											
Total.....do....	18,553	29	76	755	3,890	11,068	(D)	2,735	-	-	-
Payroll.....\$1,000..	50,456	65	301	1,946	10,536	29,531	(D)	8,077	-	-	-
Value added, adjusted.....do....	64,005	73	468	2,492	13,820	37,099	(D)	10,053	-	-	-
Value of shipments.....do....	68,266	87	651	2,744	14,626	39,808	(D)	10,350	-	-	-
Capital expenditures, new...do....	843	25	(D)	(D)	125	628	(D)	65	-	-	-
INDUSTRY 2363.—CHILDREN'S COATS AND SUITS											
Establishments.....number..	285	49	30	54	86	38	23	5	-	-	-
All employees:											
Total.....do....	11,848	109	209	765	2,820	2,591	3,705	1,649	-	-	-
Payroll.....\$1,000..	42,986	545	768	4,063	9,820	10,352	12,635	4,803	-	-	-
Value added, adjusted.....do....	72,735	1,080	1,996	8,973	15,524	17,717	19,061	8,384	-	-	-
Value of shipments.....do....	162,929	5,068	6,424	29,618	34,045	42,318	32,270	13,186	-	-	-
Capital expenditures, new...do....	1,106	24	32	113	196	251	331	159	-	-	-
Subindustry 2363-11.—Children's Coats and Suits—MANUFACTURERS											
Establishments.....number..	123	27	20	26	23	14	10	3	-	-	-
All employees:											
Total.....do....	5,124	56	144	362	783	1,004	2,775	(D)	-	-	-
Payroll.....\$1,000..	18,947	176	435	1,661	2,992	3,983	9,700	(D)	-	-	-
Value added, adjusted.....do....	33,350	326	746	3,095	4,970	6,699	17,514	(D)	-	-	-
Value of shipments.....do....	74,561	929	1,842	10,278	11,915	14,471	35,126	(D)	-	-	-
Capital expenditures, new...do....	547	14	30	65	94	118	226	(D)	-	-	-
Subindustry 2363-22.—Children's Coats and Suits—JOBBERs											
Establishments.....number..	45	14	6	14	6	5	-	-	-	-	-
All employees:											
Total.....do....	767	34	37	198	150	348	-	-	-	-	-
Payroll.....\$1,000..	5,968	310	261	1,688	1,146	2,563	-	-	-	-	-
Value added, adjusted.....do....	15,502	667	1,133	4,846	3,451	5,405	-	-	-	-	-
Value of shipments.....do....	62,149	4,042	4,455	18,162	13,834	21,656	-	-	-	-	-
Capital expenditures, new...do....	97	46	(D)	(D)	7	44	-	-	-	-	-
Subindustry 2363-33.—Children's Coats and Suits—CONTRACTORS											
Establishments.....number..	117	8	4	14	57	19	13	2	-	-	-
All employees:											
Total.....do....	5,957	19	28	205	1,887	1,239	2,579	(D)	-	-	-
Payroll.....\$1,000..	18,071	59	72	714	5,682	3,806	7,738	(D)	-	-	-
Value added, adjusted.....do....	23,883	87	117	1,032	7,103	5,613	9,931	(D)	-	-	-
Value of shipments.....do....	26,219	97	127	1,178	8,296	6,191	10,330	(D)	-	-	-
Capital expenditures, new...do....	462	14	(D)	(D)	95	89	264	(D)	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2369.—CHILDREN'S OUTERWEAR, N.E.C.											
Establishments.....number..	624	101	61	102	170	96	76	15	2	1	-
All employees:											
Total.....do....	34,244	243	408	1,444	5,460	6,510	11,382	8,797	(D)	(D)	-
Payroll.....\$1,000..	107,012	959	1,714	5,070	17,832	21,243	33,395	26,799	(D)	(D)	-
Value added, adjusted.....do....	188,344	3,099	4,183	14,179	31,672	38,916	55,135	41,160	(D)	(D)	-
Value of shipments.....do....	419,551	9,679	15,274	45,170	77,765	88,174	109,217	74,272	(D)	(D)	-
Capital expenditures, new...do....	2,795	28	48	159	493	495	1,019	252	(D)	(D)	-
Subindustry 2369-11.—Children's Outerwear, N.E.C.—MANUFACTURERS											
Establishments.....number..	333	62	36	55	90	39	42	8	-	1	-
All employees:											
Total.....do....	18,086	142	235	754	2,926	2,654	6,363	5,012	-	(D)	-
Payroll.....\$1,000..	55,434	399	767	2,190	9,119	8,347	19,017	15,595	-	(D)	-
Value added, adjusted.....do....	91,304	756	1,504	4,159	15,703	15,431	31,188	22,563	-	(D)	-
Value of shipments.....do....	187,381	1,606	3,261	8,010	33,798	30,435	64,665	45,606	-	(D)	-
Capital expenditures, new...do....	1,255	22	(D)	71	252	199	412	299	-	(D)	-
Subindustry 2369-22.—Children's Outerwear, N.E.C.—JOBBERS											
Establishments.....number..	99	29	19	16	18	12	4	-	1	-	-
All employees:											
Total.....do....	3,143	69	127	222	569	712	1,444	-	(D)	-	-
Payroll.....\$1,000..	15,596	413	816	1,582	3,518	3,854	5,413	-	(D)	-	-
Value added, adjusted.....do....	49,438	1,988	2,511	7,772	8,662	11,423	17,082	-	(D)	-	-
Value of shipments.....do....	180,574	7,619	11,821	34,656	36,116	44,725	45,637	-	(D)	-	-
Capital expenditures, new...do....	387	21	27	57	78	89	115	-	(D)	-	-
Subindustry 2369-33.—Children's Outerwear, N.E.C.—CONTRACTORS											
Establishments.....number..	192	10	6	31	62	45	30	7	1	-	-
All employees:											
Total.....do....	13,015	32	46	468	1,965	3,144	7,360	(D)	(D)	-	-
Payroll.....\$1,000..	35,982	147	131	1,298	5,195	9,042	20,169	(D)	(D)	-	-
Value added, adjusted.....do....	47,602	355	168	2,248	7,307	12,062	25,462	(D)	(D)	-	-
Value of shipments.....do....	51,596	454	192	2,504	7,851	13,014	27,581	(D)	(D)	-	-
Capital expenditures, new...do....	1,153	6	(D)	31	163	207	746	(D)	(D)	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments ¹					Value of primary product shipments ¹			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(Col. B) (\$1,000)	(Col. C) (\$1,000)	(Col. D) (\$1,000)	(Col. E) (\$1,000)	(Col. F) (percent)	(Col. G) (\$1,000)	(Col. H) (\$1,000)	(Col. I) (\$1,000)	(Col. J) (percent)
		A	B	C	D	E	F	G	H	I
2341	Women's and children's underwear..1963..	976,108	801,884	56,369	117,855	93	² 948,065	801,884	² 146,181	² 85
	1958..	814,721	690,112	28,660	95,949	96	² 829,155	690,112	² 139,043	² 83
2342	Corsets and allied garments.....1963..	593,912	513,995	24,782	55,135	95	532,029	513,995	18,034	97
	1958..	467,485	404,539	18,199	44,747	96	412,254	404,539	7,715	98
2351	Millinery.....1963..	163,185	159,017	441	3,727	100	159,505	159,017	488	100
	1958..	190,263	184,742	671	4,850	100	186,933	184,742	2,191	99
2352	Hats and caps.....1963..	171,108	157,794	3,697	9,617	98	160,691	157,794	2,897	98
	1958..	170,692	152,904	3,325	14,463	98	156,568	152,904	3,664	98
2361	Children's dresses and blouses....1963..	443,343	336,998	36,698	69,647	90	³ 412,960	340,032	³ 72,928	³ 82
	1958..	355,372	279,091	12,069	64,212	96	³ 337,315	279,091	³ 58,224	³ 83
2363	Children's coats and suits.....1963..	162,929	125,803	11,024	26,102	92	148,669	125,803	22,866	85
	1958..	163,821	134,031	7,161	22,629	95	158,509	134,031	24,478	85
2369	Children's outerwear, n.e.c.....1963..	419,551	290,639	77,282	51,630	79	³ 435,757	290,639	³ 145,118	³ 67
	1958..	324,052	223,609	60,001	40,442	79	³ 352,852	223,609	³ 129,243	³ 63

n.e.c. Not elsewhere classified.

¹See text regarding comparability of 1963 and 1958 data.

²These figures include the shipments of women's and children's knit underwear and nightwear made in knitting mills (primary products of industry 2254) as well as the shipments of these products cut and sewed from purchased knit cloth. See text for industry 2341 for more detailed discussion.

³These figures include the shipments of children's knit outerwear made in knitting mills (primary products of industry 2253) as well as the shipments of these products cut and sewed from purchased knit cloth. See text for this industry for more detailed discussion.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Product code	Class of product and miscellaneous receipts	All industries	Women's and children's underwear (SIC 2341)	Men's dress shirts and nightwear (SIC 2321)	Corsets and allied garments (SIC 2342)	Children's outerwear, n.e.c. (SIC 2369)	Knitting mills (Group 225)	Other industries
WOMEN'S AND CHILDREN'S UNDERWEAR INDUSTRY								
	Total value of shipments and receipts of the industry	(X)	976,108	(X)	(X)	(X)	(X)	(X)
	Primary products.....	948,065	801,884	2,997	6,713	11,187	113,856	11,428
23412	Underwear (made from woven or purchased knit fabrics)..	533,080	440,099	(X)	6,713	(D)	70,784	(D)
23413	Nightwear (made from woven or purchased knit fabrics)..	393,034	339,834	2,997	(X)	(D)	43,072	(D)
23410	Women's and children's underwear, n.s.k.....	21,951	21,951	(X)	(X)	(X)	(X)	(X)
	Secondary products.....	(X)	56,369	(X)	(X)	(X)	(X)	(X)
23215	Men's and boys' nightwear (made of woven or purchased knit fabrics).....	(X)	7,498	(X)	(X)	(X)	(X)	(X)
23221	Men's and boys' underwear (made from woven or purchased knit fabrics).....	(X)	11,074	(X)	(X)	(X)	(X)	(X)
2342-	Corsets and allied garments.....	(X)	9,924	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	27,873	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	117,855	(X)	(X)	(X)	(X)	(X)
	Contract and commission receipts.....	(X)	107,177	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	10,079	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	599	(X)	(X)	(X)	(X)	(X)
		All industries	Corsets and allied garments (SIC 2342)	Women's and children's underwear (SIC 2341)	Surgical appliances and supplies (SIC 3842)	Other industries		
CORSETS AND ALLIED GARMENTS INDUSTRY								
	Total value of shipments.....	(X)	593,912	(X)	(X)	(X)	(X)	(X)
	Primary products.....	532,029	513,995	9,924	3,814	4,296		
23421	Brassieres.....	285,761	278,232	(D)	(D)	1,422		
23422	Corsets, girdles, combinations, and accessories.....	238,361	227,910	(D)	(D)	2,820		
23420	Corsets and allied garments, n.s.k.....	7,907	7,853	-	-	54		
	Secondary products.....	(X)	24,782	(X)	(X)	(X)		
23412	Underwear (made from woven or purchased knit fabrics)..	(X)	6,713	(X)	(X)	(X)		
23890	Apparel, n.e.c.....	(X)	6,699	(X)	(X)	(X)		
	Other secondary products.....	(X)	11,370	(X)	(X)	(X)		
	Miscellaneous receipts.....	(X)	55,135	(X)	(X)	(X)		
	Contract and commission work.....	(X)	34,410	(X)	(X)	(X)		
	Resales.....	(X)	20,401	(X)	(X)	(X)		
	Other miscellaneous receipts.....	(X)	324	(X)	(X)	(X)		

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Product code	Class of product and miscellaneous receipts	All industries			Millinery (SIC 2351)		Other industries		
23510	MILLINERY INDUSTRY								
	Total value of shipments and receipts of the industry	(X)			163,185		(X)		
	Millinery.....	159,505			159,017		488		
	Secondary products.....	(X)			441		(X)		
	Miscellaneous receipts.....	(X)			3,727		(X)		
	Contract and commission receipts.....	(X)			3,200		(X)		
	Other miscellaneous receipts, including resales.....	(X)			527		(X)		
23521 23522 23520									
	All industries			Hats and caps (SIC 2352)		Other industries			
	HATS AND CAPS INDUSTRY								
	Total value of shipments and receipts of the industry	(X)			171,108		(X)		
	Primary products.....	160,691			157,794		2,897		
	Hats and hat bodies, except millinery.....	83,918			83,848		70		
	Cloth hats and caps.....	68,902			66,075		2,827		
	Hats and caps, n.s.k.....	7,871			7,871		-		
	Secondary products.....	(X)			3,697		(X)		
	Miscellaneous receipts.....	(X)			9,617		(X)		
	Contract and commission receipts.....	(X)			3,096		(X)		
	Other miscellaneous receipts, including resales.....	(X)			6,521		(X)		
			All industries	Children's dresses and blouses (SIC 2361)	Men's dress shirts and nightwear (SIC 2321)	Blouses (SIC 2331)	Children's outerwear, n.e.c. (SIC 2369)	Knitting mills (Group 225)	Other industries
	CHILDREN'S DRESSES AND BLOUSES INDUSTRY								
Total value of shipments and receipts of the industry	(X)	443,343	(X)	(X)	(X)	(X)	(X)		
Primary products.....	409,926	336,998	7,016	7,129	27,374	21,139	10,270		
Dresses, blouses, waists, and shirts, except knit sport shirts.....	345,784	313,865	2,366	7,129	15,910	(X)	6,514		
Knit sport shirts, made from purchased knit fabric.....	64,142	23,133	4,650	(X)	11,464	21,139	3,756		
Secondary products.....	(X)	36,698	(X)	(X)	(X)	(X)	(X)		
Women's, misses', and juniors' blouses, waists, and shirts.....	(X)	2,090	(X)	(X)	(X)	(X)	(X)		
Outerwear, n.e.c., made from woven or purchased knit fabrics.....	(X)	18,579	(X)	(X)	(X)	(X)	(X)		
Other secondary products.....	(X)	16,029	(X)	(X)	(X)	(X)	(X)		
Miscellaneous receipts.....	(X)	69,647	(X)	(X)	(X)	(X)	(X)		
Contract and commission receipts.....	(X)	68,603	(X)	(X)	(X)	(X)	(X)		
Other miscellaneous receipts, including resales.....	(X)	1,044	(X)	(X)	(X)	(X)	(X)		

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Product code	Class of product and miscellaneous receipts			All industries	Children's coats and suits (SIC 2363)	Men's and boys' suits and coats (SIC 2311)	Men's and boys' clothing, n.e.c. (SIC 2329)	Women's suits, coats and skirts (SIC 2337)	Children's outerwear, n.e.c. (SIC 2369)	Other industries
CHILDREN'S COATS INDUSTRY										
23630	Total value of shipments and receipts of the industry			(X)	162,929	(X)	(X)	(X)	(X)	(X)
	Coats, suits, snow suits, and coat-and-legging sets.....			148,669	125,803	2,222	2,175	3,615	9,436	5,418
	Secondary products.....			(X)	11,024	(X)	(X)	(X)	(X)	(X)
23371	Women's, misses', and juniors' coats, except fur.....			(X)	3,019	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....			(X)	8,005	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....			(X)	26,102	(X)	(X)	(X)	(X)	(X)
Contract and commission receipts.....			(X)	25,882	(X)	(X)	(X)	(X)	(X)	(X)
Other miscellaneous receipts, including resales.....			(X)	220	(X)	(X)	(X)	(X)	(X)	(X)
Class of product and miscellaneous receipts		All industries	Children's outerwear, n.e.c. (SIC 2369)	Separate trousers (SIC 2327)	Work clothing (SIC 2328)	Women's suits, coats and skirts (SIC 2337)	Women's outerwear, n.e.c. (SIC 2339)	Children's dresses and blouses (SIC 2361)	Knitting mills (Group 225)	Other industries
CHILDREN'S OUTERWEAR, N.E.C., INDUSTRY										
23690	Total value of shipments and receipts of the industry....		(X)	419,551	(X)	(X)	(X)	(X)	(X)	(X)
	Outerwear, n.e.c., made from woven or purchased knit fabrics.		435,757	290,639	3,589	16,013	2,957	11,893	18,579	78,990
	Secondary products.....		(X)	77,282	(X)	(X)	(X)	(X)	(X)	(X)
23271	Men's, youths', and boys' separate dress sport trousers.		(X)	3,156	(X)	(X)	(X)	(X)	(X)	(X)
23282	Men's, youths', and boys' work clothing (exc.shirts) and washable service apparel.....		(X)	2,425	(X)	(X)	(X)	(X)	(X)	(X)
23292	Men's, youths', and boys' outerwear, n.e.c. (made from woven or purchased knit fabric)....		(X)	3,242	(X)	(X)	(X)	(X)	(X)	(X)
23374	Women's, misses', and juniors' skirts and jackets.....		(X)	2,367	(X)	(X)	(X)	(X)	(X)	(X)
2339-	Women's outerwear, n.e.c.....		(X)	4,777	(X)	(X)	(X)	(X)	(X)	(X)
23610	Dresses, blouses, waists, and shirts, except knit sport shirts.....		(X)	15,910	(X)	(X)	(X)	(X)	(X)	(X)
23612	Knit sport shirts, made from purchased knit fabric.....		(X)	11,464	(X)	(X)	(X)	(X)	(X)	(X)
23630	Coats, suits, snow suits, and coat-and-legging sets.....		(X)	9,436	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....		(X)	24,505	(X)	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....		(X)	51,630	(X)	(X)	(X)	(X)	(X)	(X)
Contract and commission receipts.....		(X)	48,496	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Resales.....		(X)	2,994	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Other miscellaneous receipts...		(X)	140	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹The following industry had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies, 2335, Women's, Misses', and Juniors' Dresses.

²Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies, 23412, Women's and Children's Underwear, and 23413, Women's and Children's Nightwear.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total shipments including interplant transfers ¹				
		1963		1958		
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)	
2341- -- 2254- --	} WOMEN'S, MISSES', JUNIORS', CHILDREN'S, AND INFANTS' UNDERWEAR AND NIGHTWEAR: As reported in the census of manufactures..... As reported on Census Annual Form MA-23A.....	(X) (X)	948,065 916,852	(X) (X)	829,155 (²)	
22542 -- 23412 --		} Knit and woven underwear: As reported in the census of manufactures..... As reported on Census Annual Form MA-23A.....	71,725 71,284	533,080 531,288	64,954 (²)	529,631 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01			} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....	61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....		61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
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22542 12 23412 01	} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....			61,217 17,272 43,945 61,738	386,527 70,784 315,743 (NA)	53,811 (²)
22542 12 23412 01		} Knit underwear: As reported in the census of manufactures..... Made in knitting mills..... Made in cut-and-sew shops..... As reported on Census Annual Form MA-23A.....</				

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total cuttings ⁶ (1,000 dozen)	
		1963	1958
	AS REPORTED ON CENSUS ANNUAL FORM MA-23A—Continued		
	Women's, misses', children's, and infants' underwear—Continued		
	Underwear made from knit fabrics—Continued		
	Women's, misses', and juniors' knit underwear—Continued		
23412 39	Women's and children's union suits.....	104	154
	Girls' and children's knit underwear (sizes 2-16):		
	Panties and bloomers, total.....	11,029	10,268
23412 41	Cotton and/or wool.....	6,672	5,622
23412 42	Other knit fabrics.....	4,357	4,646
	Vests and undershirts, total.....	1,207	1,216
23412 43	Cotton and/or wool.....	1,206	1,196
23412 44	Other knit fabrics.....	1	20
	Slips, half-slips, and petticoats, total.....	428	220
23412 45	Cotton.....	35	20
23412 47	Other knit fabrics.....	393	200
	Infants' knit underwear:		
	Panties, total.....	3,763	2,894
23412 82	Cotton and/or wool.....	2,785	2,500
23412 83	Other knit fabrics.....	978	394
	Vests, undershirts, and bands, total.....	3,126	2,916
23412 84	Cotton and/or wool.....	73,126	2,890
23412 85	Other knit fabrics.....		26
	Underwear made from woven fabrics:		
	Women's, misses', and juniors' underwear made from woven fabric:		
	Slips, total.....	3,907	4,755
23412 51	Cotton.....	2,018	2,589
23412 52	Rayon and acetate.....	544	844
23412 53	Nylon.....	1,156	1,170
23412 54	Other woven fabrics.....	189	152
	Petticoats and half-slips, total.....	1,705	2,111
23412 55	Cotton.....	500	730
23412 56	Rayon and acetate.....	332	314
23412 57	Nylon.....	684	1,002
23412 58	Other woven fabrics.....	189	65
23412 59	Panties and bloomers.....	822	487
	Girls' and children's woven underwear (sizes 2-16):		
	Slips, half-slips, and petticoats, total.....	1,889	2,567
23412 13	Cotton.....	883	1,352
23412 14	Nylon.....	928	1,168
23412 15	Other woven fabrics.....	78	47
23412 16	Panties and bloomers.....	841	865
23412 93	Toddlers' and infants' slips.....	382	358
	Women's, misses', children's, and infants' nightwear:		
	Nightwear made from knit fabric:		
	Women's, misses', and juniors' nightwear (except bedjackets), total.....	3,040	2,364
	Warp-knit, total.....	2,416	1,954
23413 44	Nylon.....	1,470	1,290
23413 45	Rayon and acetate.....	789	474
23413 46	All other warp-knit fabrics.....	157	190
	Circular-knit, total.....	624	410
23413 47	Cotton and/or wool.....	251	235
23413 48	All other circular knit fabrics.....	373	175
	Girls' and teen-age girls' nightwear (sizes 8-16).....	166	183
	Children's and infants' nightwear made from cotton and/or wool knit fabrics, total.....	4,236	2,739
23413 81	Heavyweight sleeping garments made with feet.....	2,434	1,389
23413 82	Other knit nightwear, including gowns and kimonos.....	1,802	1,350
23413 83	Children's and infants' nightwear made from other knit fabrics.....	105	(NA)
	Nightwear made from woven fabrics:		
	Women's, misses', and juniors' nightwear:		
	Nightgowns, total.....	3,878	2,815
23413 11	Cotton fabrics.....	2,794	2,220
23413 19	Other fabrics, including nylon.....	1,084	595
	Sleeping pajamas, total.....	2,990	2,519
23413 21	Cotton fabrics.....	2,444	2,156
23413 29	Other fabrics, including nylon.....	546	363
	Bedjackets and negligees, total.....	283	194
23413 31	Cotton.....	85	76
23413 34	Nylon.....	114	65
23413 39	Other woven fabrics.....	84	53

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total cuttings ⁶ (1,000 dozen)	
		1963	1958
AS REPORTED ON CENSUS ANNUAL FORM MA-23A—Continued			
Women's, misses', children's, and infants' nightwear—Continued			
Nightwear made from woven fabrics—Continued			
23413 51	Girls' and teen-age girls' (sizes 8-16).....	1,295	928
23413 52	Nightgowns.....	249	198
	Pajamas.....	1,046	730
23413 71	Children's, toddlers' and infants' (sizes 0-8), total.....	1,832	1,792
23413 72	Nightgowns.....	439	704
	Pajamas.....	1,393	1,088
23413 31	Lounging pajamas - knit and woven ⁸	211	(NA)
		Total shipments including interplant transfers ¹	
		1963	
		1958	
		Quantity	Value
		(1,000 dozen)	(\$1,000)
2342- --	CORSETS AND ALLIED GARMENTS, TOTAL ⁹	(X)	532,029
23421 10	Brassieres:		
	As reported in the census of manufactures.....	16,969	285,761
	As reported on Census Annual Form MA-23J.....	17,048	286,123
	Brassieres (with band 3" or more), except bra-lettes.....	1,476	
	Bra-lettes.....	98	
	Bandeaux, total.....	15,474	
	Strap, regular, total ¹⁰	11,865	
	\$8.50 and under per dozen.....	3,689	
	\$8.51-\$12.75 per dozen.....	2,524	
	\$12.76-\$15.50 per dozen.....	1,484	
	\$15.51-\$19.25 per dozen.....	1,377	
	\$19.26-\$30.00 per dozen.....	1,901	
	\$30.01 and over per dozen.....	890	
	Strap, padded or contour-lined.....	2,951	
	Strapless or convertible.....	658	
23422 --	Corsets, girdles, combinations, and accessories, total.....	(X)	238,361
23422 10	Corsets, girdles, and combinations, except surgical corsets:		
	As reported in the census of manufactures.....	6,767	229,683
	As reported on Census Annual Form MA-23J.....	6,706	(¹²)
	Corsets (back-laced or front-laced).....	63	(NA)
	Girdles (with opening), including girdles made of latex, total ¹⁰	2,028	(NA)
	\$36.00 and under per dozen.....	1,124	(NA)
	\$36.01-\$65.99 per dozen.....	583	(NA)
	\$66.00-\$95.99 per dozen.....	215	(NA)
	\$96.00 and over per dozen.....	106	(NA)
	Girdles (without opening), including girdles made of latex, total ¹⁰	4,275	(NA)
	\$30.00 and under per dozen.....	2,470	(NA)
	\$30.01-\$51.00 per dozen.....	1,036	(NA)
	\$51.01 and over per dozen.....	769	(NA)
	Combinations and one-piece garments (corselets).....	246	(NA)
	Maternity foundation garments (including corsets and combinations) ¹³	94	(NA)
23422 81	Corset accessories.....	(X)	8,678
23422 00	Corsets, girdles, combinations, and accessories, n.s.k.....	(X)	(X)
23420 00	Corsets and allied garments, n.s.k.....	(X)	7,907
23429 11	Receipts for contract work on corsets and allied garments.....	(X)	⁵ 33,875

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers ¹			
		1963		1958	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2351- --	MILLINERY (WOMEN'S, CHILDREN'S, AND INFANTS' TRIMMED HATS MADE FROM HAT BODIES OR OTHER MILLINERY MATERIALS).....	(X)	159,505	(X)	186,933
	Felt body:				
23510 11	Fur-felt millinery.....	353	14,363	570	25,403
23510 13	Wool-felt millinery.....	439	10,476	872	17,125
	Straw, natural or synthetic:				
23510 31	Millinery made from sewn braid.....	467	14,318	¹⁴ 1,102	¹⁴ 27,730
23510 33	Millinery made from straw bodies.....	798	19,460	671	18,268
23510 41	Fabric millinery (made from all types of fabrics, including ribbon and pile fabrics).....	1,860	36,149	(¹⁵)	(¹⁵)
23510 51	Flower millinery.....	262	6,270	(¹⁵)	(¹⁵)
23510 53	Whimsies and miniatures (usually made from veiling as a headpiece, decorated and on a wire frame).....	463	10,561	(¹⁵)	(¹⁵)
23510 98	Other millinery, including millinery made from purchased fur.....	489	10,020	¹⁵ 2,249	¹⁵ 44,313
23510 00	Millinery, n.s.k.....	(X)	35,353	(X)	54,094
23510 95	Hat frames, all types.....	510	2,535	(¹⁵)	(¹⁵)
2352- --	HATS AND CAPS, EXCEPT MILLINERY, TOTAL.....	(X)	160,691	(X)	156,568
23521 --	Hats and hat bodies (except cloth and millinery), total.....	3,398	83,918	4,120	92,168
	Finished straw hats, excluding millinery:				
	Men's and boys':				
23521 11	Made from sewn braid.....	383	7,776	271	6,830
23521 13	Made from woven bodies.....	361	9,121	297	7,366
23521 17	Harvest hats.....	516	2,975	826	3,101
23521 22	Wool-felt bodies, made for sale as such.....	497	3,348	798	5,072
23521 41	Wool-felt finished hats, excluding millinery.....	387	6,801	421	6,429
	Fur-felt hat bodies made for sale as such:				
23521 71	Men's and boys'.....	369	8,173	461	9,006
23521 75	Women's and children's.....	138	2,444	192	2,868
23521 83	Fur-felt finished hats, excluding millinery.....	657	41,058	726	48,620
23521 00	Hats and hat bodies (except cloth and millinery) n.s.k.....	³ 90	2,222	³ 128	2,876
23522 --	Cloth hats and caps, total.....	(X)	68,902	(X)	64,400
	Men's and boys' hats and caps:				
23522 12	Cloth hats, except uniform.....	1,332	15,983	(¹⁶)	8,565
	Caps, except uniform:				
23522 14	Chiefly cotton fabrics.....	2,617	19,089	3,874	29,466
23522 16	Other fabrics.....	1,496	12,820		
23522 17	Uniform hats and caps.....	672	10,234	(³)	9,056
23522 21	Women's uniform hats and caps.....	98	1,051	69	414
23522 41	Headwear, made from purchased knit fabric.....	280	2,667	553	5,670
23522 00	Cloth hats and caps, n.s.k.....	(X)	7,058	(X)	11,229
23520 00	Hats and caps, except millinery, n.s.k.....	(X)	7,871	-	-
2253- pt. 2361- --	} GIRLS', CHILDREN'S, AND INFANTS' DRESSES, BLOUSES, WAISTS AND SHIRTS: As reported in the census of manufactures..... As reported on Census Annual Form MA-23A.....	(X)	409,926	(X)	337,315
		(X)	394,837	(²)	(²)
23610 --					
	Girls', children's, and infants' dresses, blouses, waists and shirts, except knit:				
	As reported in the census of manufactures.....	13,307	345,784	(X)	289,417
	As reported on Census Annual Form MA-23A.....	12,822	334,466	(²)	(²)
23610 12	Girls', children's, and infants' dresses:				
	As reported in the census of manufactures.....	9,408	283,286	9,065	238,879
	As reported on Census Annual Form MA-23A.....	9,437	(NA)	(²)	(²)
23610 41	Girls', children's, and infants' blouses, blousesettes, waists and shirts, excluding knit shirts:				
	As reported in the census of manufactures.....	3,380	48,143	2,896	41,018
	As reported on Census Annual Form MA-23A.....	3,385	(NA)	(²)	(²)
23610 00	Girls', children's, and infants' dresses, blouses, waists and shirts, except knit, n.s.k.....	³ 519	14,355	(X)	9,610
22532 pt. 23612 --	} Girls', children's, and infants' knit sport shirts:				
	As reported in the census of manufactures.....	6,402	64,142	6,289	47,898
23612 11	Made in cut-and-sew shops.....	4,375	43,003	(NA)	19,026
22532 42	Made in knitting mills.....	2,027	21,139	(NA)	28,872
	As reported on Census Annual Form MA-23A.....	6,468	60,371	(²)	(²)
23619 13	Receipts for contract work on girls', children's, and infants' dresses, blouses, waists and shirts.....	(X)	⁵ 68,603	(X)	⁵ 64,769

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total cuttings ⁶ (1,000 dozen)	
		1963	1958
	AS REPORTED ON CENSUS ANNUAL FORM MA-23A		
	Girls', children's, and infants, dresses, blouses, waists and shirts:		
	Girls', children's, and infants' dresses, total.....	9,437	9,065
	Teen-age girls' (sizes 10-16).....	72	177
23610 11	Cotton.....	56	127
23610 19	Other fabrics.....	16	50
	Sub-teen girls' (sizes 8-14).....	279	125
23610 21	Cotton.....	173	81
23610 29	Other fabrics.....	106	44
	Girls' (sizes 7-14).....	3,020	2,839
23610 31	Cotton.....	2,551	2,413
23610 39	Other fabrics.....	469	426
	Children's (sizes 3-6X).....	3,617	3,585
23610 41	Cotton.....	3,284	3,268
23610 49	Other fabrics.....	333	317
	Toddlers' (sizes 1-3).....	1,010	1,207
23610 61	Cotton.....	856	1,019
23610 69	Other fabrics.....	154	188
	Infants' (sizes 0-1).....	1,439	1,132
23610 71	Cotton.....	1,274	857
23610 79	Other fabrics.....	165	275
	Girls', children's, and infants' blouses, blousesettes, waists and shirts, except knit shirts, total.....	3,385	2,896
	Girls', sub-teen, and teen-age girls".....	1,930	1,671
23610 81	Cotton.....	1,592	1,318
23610 89	Other fabrics.....	338	353
23610 91	Children's and infants'.....	1,455	1,225
	Girls', children's, and infants' knit sport shirts (including polo, tennis, T and sweat).....	6,468	6,289
23612 75	Girls', sub-teen, and teen-age girls'.....	892	768
23612 85	Children's and infants'.....	5,576	5,521
		Total shipments including interplant transfers ¹	

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total shipments including interplant transfers ¹			
		1963		1958	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2369- -- 2253- --	18 GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR, N.E.C., TOTAL	(X)	435,757	(X)	352,852
	Girls', children's, and infants' outerwear made from woven fabric.....	(X)	285,918	(X)	242,785
23690 11	Tufted robes.....	37	1,011	(NA)	(NA)
23690 13	Swimwear: As reported in the census of manufactures.....	430	10,116		(NA)
	As reported on Census Annual Form MA-23A.....	451	(NA)	(19)	(NA)
23690 43	Play garments, including playsuits, playshorts, dungarees, jeans, slacks, and infants' creepers and rompers: As reported in the census of manufactures.....	15,570	216,493	13,770	(NA)
	As reported on Census Annual Form MA-23A.....	15,588	(NA)	(19)	(NA)
23690 49	Other woven fabric outerwear, including skirts, robes (terry cloth, quilted), headwear, toddlers' wash suits, neckwear, etc.: As reported in the census of manufactures.....	2,090	58,298	1,930	(NA)
	As reported on Census Annual Form MA-23A.....	202,143	(NA)	(19)	(NA)
	Girls', children's, and infants' outerwear made from knit fabric.....	(X)	129,850	(X)	95,762
22531 62 23690 72	Sweaters, jackets, jerseys, pull-overs, and sacques: As reported in the census of manufactures.....	2,870	60,554	3,065	58,652
22531 62	Made in knitting mills.....	2,183	49,756	(NA)	51,625
23690 72	Made in cut-and-sew shops.....	687	10,798	(NA)	7,027
	As reported on Census Annual Form MA-23A.....	2,893	61,609	(19)	(NA)
22533 61 23690 79	Other knit outerwear, including play garments, creepers, rompers, and swimwear.....	(X)	69,296	(X)	37,110
22533 61	Made in knitting mills.....	(X)	29,234	(X)	18,091
23690 79	Made in cut-and-sew shops.....	(X)	40,062	(X)	19,019
23690 00	Girls', children's, and infants' outerwear, n.e.c., n.s.k.....	(X)	19,989	(X)	14,305
23699 11	Receipts for contract work on children's outerwear, n.e.c., done for others on their materials.....	(X)	546,011	(X)	522,528
Product		Total cuttings ⁶ (1,000 dozen)			
		1963		1958	
AS REPORTED ON CENSUS ANNUAL FORM MA-23A					
Girls', children's, and infants' outerwear made from woven fabric:					
Playsuits, sunsuits, wash suits, overalls, and coveralls, except slacks, dungarees, and jeans:					
23690 42	Girls', sub-teens, and teen-age play garments (sizes 7-16).....			3,265	3,076
23690 46	Children's play garments (sizes 2-8).....			4,773	3,420
23690 47	Toddlers' play garments, excluding wash suits (sizes 1-4).....			1,480	842
23690 95	Toddlers' wash suits (sizes 1-4).....			262	646
23690 48	Infants' creepers and rompers, including crawler-type overalls and coveralls (sizes 0-2).....			1,226	1,587
Slacks:					
23690 22	Girls', sub-teen, and teen-age girls' slacks (sizes 7-16).....			714	314
Children's slacks, including dress shorts (sizes 2-6X).....				2,374	2,356
23690 25	Cotton fabrics.....			2,180	2,225
23690 26	Other fabrics.....			194	131
Dungarees and jeans:					
23690 41	Girls', sub-teens, and teen-age girls' (sizes 7-16).....			418	515
23690 45	Children's (sizes 2-8).....			1,338	1,660
Woven swimwear:					
23690 65	Girls' and teen-age girls' (sizes 7-16).....			236	233
23690 75	Children's and infants' (sizes 1-8).....			215	339
Skirts:					
Girls', sub-teen, and teen-age girls' skirts (sizes 7-16).....				980	980
23690 11	Cotton fabrics.....			369	466
23690 12	Wool fabrics.....			373	260
23690 13	Other fabrics.....			238	254
Children's and toddlers' skirts (sizes 1-6X).....				347	304
23690 15	Cotton fabrics.....			119	151
23690 16	Wool fabrics.....			120	82
23690 19	Other fabrics.....			108	71

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total cuttings ⁶ (1,000 dozen)	
		1963	1958
	AS REPORTED ON CENSUS ANNUAL FORM MA-23A—Continued		
	Girls', children's, and infants' outerwear made from knit fabric:		
	Sweaters, jackets, jerseys, pull-overs and saques.....	2,892	3,065
	Girls', sub-teen, and teen-age girls' (sizes 7-16).....	1,115	988
22531 54	All acrylic.....	879	630
22531 59	Other yarns, including mixtures and blends.....	236	358
	Children's (sizes 2-8).....	1,037	1,158
22531 64	All acrylic.....	690	633
22531 69	Other yarns, including mixtures and blends.....	347	525
	Infants' (sizes 0-3).....	740	919
22531 74	All acrylic.....	573	465
22531 79	Other yarns, including mixtures and blends.....	167	454
	Children's and infants' knit fabric play garments, including pantie suits and overalls (sizes 0-8)..	1,533	713
23690 82	Infants' knit fabric creepers and rompers (sizes 0-3).....	1,061	743
23522 31	Children's and infants' knit headwear.....	775	(NA)
23690 61	Girls', sub-teen, and teen-age girls' swimwear, knit fabrics (sizes 7-16).....	533	(NA)
23690 71	Children's and infants' swimwear, knit fabrics (sizes 1-8).....	178	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Establishments in this industry were requested to report "Value of shipments" in 1963 and "Value of production" in 1958. This change does not significantly affect the comparability of the data for the two years (see text).

²Current survey data for 1958 were revised based on the 1958 Census of Manufactures.

³Quantity estimates based on the unit-value relationship reported for other products in the product class.

⁴The total for knit and woven nightwear as reported in the census is not completely comparable to the total reported on Census Annual Form MA-23A due to the inclusion of the value of lounging pajamas in the census total. These garments are not included in the MA-23A total since they are not collected in that survey.

⁵Contract receipts are not included in the total shown for these products. For 1963, contract receipts include all receipts for work on these products done for others on their materials regardless of the industry classification of the establishment. For 1958, contract receipts include all receipts for contract work done for others on their materials by establishments classified in this industry.

⁶Cuttings are shown as reported in 1963 and 1958 by product code on Census Annual Form MA-23A.

⁷These data are combined to avoid disclosing data for individual companies.

⁸Data on lounging pajamas are not collected on Census Annual Form MA-23A. The figures shown for this item are thousands of dozens shipped as reported in the census of manufactures.

⁹For 1963, detailed quantity data were collected on Census Form MA-23J, Annual Survey of Brassieres, Corsets, and Allied Garment Shipments. Since this survey was begun in 1960, comparable data are not available for 1958. The 1958 data shown in this report are as collected in the census of manufactures for that year.

¹⁰Prices represent manufacturer's wholesale list price.

¹¹For 1958, quantity and value data for brassieres and bandeaux were collected by type of fabric and are not available in the detail shown for 1963.

¹²On Census Annual Form MA-23J, value of shipments data were collected for corsets, girdles, and foundation garments, including surgical corsets and garter belts, and excluding corset accessories. This was reported for 1963 at \$242,168 thousand and appears to be consistent with the value figure collected in the Census after adjustments for the noncomparable items.

¹³For 1963, includes surgical corsets reported on Census Form MA-23J. Shipments data for surgical corsets, as published in the 1963 census of manufactures report for Surgical Appliances and Supplies, SIC code 3842, show 74 thousand dozen valued at \$6,479 thousand for 1963, and 46 thousand dozens values at \$2,717 for 1958.

¹⁴For 1958, includes 40 thousand dozen women's and children's finished straw hats, valued at \$1,033 thousand, which has been classified in industry 2352, Hats and Caps.

¹⁵Data for 1958 were not collected separately and were included in product code 23510 98.

¹⁶The total quantity of shipments for these products is not available. However, for product code 23522 12, manufacturers reporting a value of shipments of \$7,537 thousand shipped 823 thousand dozen, while for product code 23522 17 manufacturers with shipments of \$7,922 thousand shipped 538 thousand dozen.

¹⁷Production data for girls', children's and infants' coats are reported in units on Census Annual Form MA-23A, but have been converted to dozens on this table to be consistent with all other cuttings data shown on this table.

¹⁸Establishments primarily engaged in the manufacture of girls', children's and infants' dresses, blouses, waists and shirts are classified in industry 2361, and coats and suits in industry 2363.

¹⁹For 1958, the census product data were obtained from the Annual Apparel Survey MA-23A, and the summary value figures were collected in the census of manufactures.

²⁰For 1963, cuttings include 554 thousand dozen of other woven fabric outerwear reported on Census Annual Form MA-23A which have not been published separately for prior years.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
234--	Women's and children's underwear, 1963..	131	99	235--	Millinery, hats, and caps--Continued		
	1958..	111	98	2352-	Hats and caps, except millinery.....1963..	79	122
2341- 2254-	} Women's, misses', juniors', children's and infants' underwear and nightwear ¹.....1963..	130	92		1958..	86	111
		112	95	23521	Hats and hat bodies (except cloth and millinery).....1963..	77	118
23412	} Knit and woven underwear ¹.....1963..	109	87		1958..	84	107
22542		103	94	23522	Cloth hats and caps.....1963..	90	130
23413	} Knit and woven nightwear ¹.....1963..	158	100		1958..	87	118
22543		119	95	236--	Children's outerwear.....1963..	136	122
	1958..				1958..	125	93
2342-	Corsets and allied garments.....1963..	133	113	2361-	Girls', children's and infants' dresses, blouses, waists and shirts, 1963..	129	114
	1958..	111	105		1958..	122	99
23421	Brassieres, bra-lettes and bandeaux.....1963..	128	118	23610	Girls', children's and infants' dresses, blouses, waists and shirts except knit.....1963..	123	112
	1958..	108	107		1958..	117	99
23422	Corsets, girdles, combinations, and accessories.....1963..	150	106	23612	} Girls', children's and infants' knit sport shirts ¹.....1963..	145	136
	1958..	121	101	23532		145	99
235--	Millinery, hats, and caps.....1963..	88	107	2363-	Girls', children's and infants' coats, snow suits, and coat-and-legging sets.....1963..	100	89
	1958..	99	103		1958..	104	92
2351-	Millinery (women's, children's and infants' trimmed hats made from hat bodies or other millinery material), 1963..	100	93	2369-	Girls', children's and infants' outerwear, n.e.c.....1963..	172	91
	1958..	114	95		1958..	145	86

n.e.c. Not elsewhere classified.

¹Indexes computed on a "wherever-made" basis, i.e., they reflect the combined output and average prices reported by knitting mills as well as cut-and-sew shops.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963 ^{1 2}	1962 ³	1961 ³	1960 ³	1959 ³	1958	1954	1947
2341-	Women's and children's underwear ²....\$1,000..	834,209	710,880	716,922	717,291	716,456	714,175	(NA)	(NA)
23412	Underwear (made from woven or purchased knit fabrics) ².....do....	462,296	419,388	416,748	443,334	451,197	454,172	(NA)	(NA)
23413	Nightwear (made from woven or purchased knit fabrics) ².....do....	349,962	274,033	(S)	(S)	(S)	241,174	(NA)	(NA)
23410	Women's and children's underwear, n.s.k.....do....	21,951	17,549	(S)	(S)	(S)	18,829	(NA)	(NA)
2342-	Corsets and allied garments ⁴.....do....	532,029	502,334	484,398	455,314	447,435	412,254	342,835	260,596
23421	Brassieres:								
	Quantity.....1,000 dozen..	16,969	17,541	17,041	16,271	(NA)	14,373	13,187	9,408
	Value.....\$1,000..	285,761	272,461	265,117	247,651	241,109	219,986	189,861	115,945
23422	Corsets, girdles, combinations, and accessories ⁵.....do....	238,361	229,873	219,281	207,663	196,211	182,757	150,375	139,280
23420	Corsets and allied garments, n.s.k.....do....	7,907	-	-	-	(S)	9,511	2,599	5,371
23510	Millinery.....do....	159,505	173,225	177,890	185,140	180,397	186,933	170,169	176,517
2352-	Hats and caps.....do....	160,691	185,699	170,264	173,806	186,894	156,568	165,529	(NA)
23521	Hats and hat bodies (except cloth and millinery).....1,000..	83,918	88,247	89,875	96,182	104,069	92,168	102,652	(NA)
23522	Cloth hats and caps.....do....	68,902	97,452	(S)	(S)	(S)	64,400	62,877	(NA)
23520	Hats and caps, n.s.k.....do....	7,871	-	-	-	-	-	-	-
2361-	Children's dresses and blouses ².....do....	388,787	371,283	333,051	334,802	331,006	308,443	(NA)	(NA)
23610	Dresses, blouses, waists, and shirts, except knit sport shirts....do....	345,784	346,384	309,409	316,518	313,065	289,417	251,238	155,424
23612	Knit sport shirts, made from purchased knit fabric ².....do....	43,003	24,899	23,642	18,284	17,941	19,026	(NA)	(NA)
23630	Coats, suits, snow suits, and coat-and-legging sets.....do....	148,669	159,514	170,034	178,242	168,280	158,509	167,538	105,981
23690	Outerwear n.e.c., made from woven or purchased knit fabrics.....do....	356,767	302,706	295,578	283,386	292,445	283,136	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²For purposes of comparability with prior years, annual survey of manufactures data, the value of shipments of the knitting mills (Group 225) has been excluded. (See tables 5B and 6A.)

³These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁴For 1960-1963, industry 2342 figures are as reported on Census Annual Form MA-23J. Detailed product data for 1963 are shown in table 6A.

⁵1958-1963 data are not directly comparable to earlier years (see text).

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Value of production	Product class and geographic area	Quantity (1,000 dozen)	Value of shipments (1,000)	Quantity (1,000 dozen)	Value of production (1,000)	Product class and geographic area	Value of shipments
	1963 ¹	1958 ²							
UNDERWEAR (MADE FROM WOVEN OR PURCHASED KNIT FABRICS) (23412)			BRASSIERES (23421)	1963 ¹		1958 ²		CLOTH HATS AND CAPS (23522)--Continued	1963 ¹
United States, total....	533,080	529,631	United States, total.....	16,969	285,761	14,279	219,986	Middle Atlantic.....	27,022
New England.....	17,270	25,324	New England.....	1,028	29,307	911	21,039	New York.....	22,148
Massachusetts.....	10,053	10,540	Middle Atlantic.....	10,437	152,657	9,320	125,984	New Jersey.....	1,946
Middle Atlantic.....	304,269	338,244	New York.....	7,514	104,751	5,947	79,127	Pennsylvania.....	2,930
New York.....	194,853	228,609	New Jersey.....	2,498	40,644	2,970	41,533	East North Central.....	7,935
New Jersey.....	41,947	43,773	Pennsylvania.....	425	7,262	403	5,324	Illinois.....	6,402
Pennsylvania.....	67,469	65,862	North Central.....	750	19,111	780	15,245	Wisconsin.....	1,155
East North Central.....	17,546	20,857	South Atlantic.....	2,866	39,658	2,170	31,197	West North Central.....	16,767
Illinois.....	13,625	16,958	Georgia.....	2,411	35,654	(NA)	(3)	Missouri.....	14,697
West North Central.....	11,139	6,537	East South Central.....	755	19,488	227	7,187	South Atlantic.....	7,235
Missouri.....	7,544	3,142	West South Central.....	641	13,291	871	19,334	Maryland.....	2,234
South Atlantic.....	94,430	67,255	Pacific.....	492	12,249			Virginia.....	4,133
North Carolina.....	50,522	39,529	CORSETS, GIRDLES, COMBINATIONS, AND ACCESSORIES (23422)		Value of shipments 1963 ¹		Value of production 1958 ²	East South Central.....	3,104
Georgia.....	25,896	19,823	United States, total.....		238,361		182,757	Kentucky.....	2,146
East South Central.....	52,628	39,875	New England.....		18,997		25,954	West South Central.....	2,284
Mississippi.....	14,366	(3)	Connecticut.....		18,379		24,871	West.....	1,907
West South Central.....	17,303	16,598	Middle Atlantic.....		130,909		88,985	DRESSES, BLOUSES, WAISTS, AND SHIRTS, (EXCEPT KNIT SPORT SHIRTS) (23610)	
Texas.....	7,458	(3)	New York.....		93,837		65,938	United States, total...	345,784
Mountain.....	6,457	14,941	New Jersey.....		31,404		18,988	New England.....	10,397
Pacific.....	12,038		Pennsylvania.....		5,668		4,059	Middle Atlantic.....	281,482
NIGHTWEAR (MADE FROM WOVEN OR PURCHASED KNIT FABRICS) (23413)			North Central.....		45,183		37,015	New York.....	180,355
United States, total....	393,034	280,695	Illinois.....		31,549		26,700	New Jersey.....	41,087
New England.....	21,089	20,345	South.....		36,426		30,803	Pennsylvania.....	60,040
Massachusetts.....	10,976	13,803	Georgia.....		12,730			East North Central.....	6,198
Connecticut.....	7,569	4,363	Pacific.....		6,846			Michigan.....	1,123
Middle Atlantic.....	218,332	169,538	HATS AND HAT BODIES (EXCEPT CLOTH AND MILLINERY) (23521)	1963 ¹		1958 ²		West North Central.....	2,894
New York.....	157,260	117,083	United States, total.....		83,918		90,569	Missouri.....	2,244
New Jersey.....	20,776	16,173	New England.....		17,046		28,669	South Atlantic.....	20,511
Pennsylvania.....	40,296	36,282	Massachusetts.....		3,836		2,632	North Carolina.....	5,348
East North Central.....	23,718	18,573	Connecticut.....		13,210		26,037	East South Central.....	3,085
Illinois.....	8,439	11,064	Middle Atlantic.....		29,736		38,761	West South Central.....	9,326
Michigan.....	13,902	(3)	New York.....		5,324		11,212	Texas.....	8,682
West North Central.....	10,193	5,363	Pennsylvania.....		23,855		26,673	West.....	11,891
Missouri.....	7,828	(3)	North Central.....		10,138		8,601	California.....	10,619
South Atlantic.....	63,084	36,571	Missouri.....		8,571		7,002	KNIT SPORT SHIRTS (MADE FROM PURCHASED KNIT FABRICS) (23612)	1963 ¹
Virginia.....	9,107	(3)	South and West.....		26,998		16,137	United States, total...	64,142
North Carolina.....	33,415	14,038	Texas.....		14,170		9,736	New England.....	11,749
South Carolina.....	5,065	(3)	CLOTH HATS AND CAPS (23522)					Middle Atlantic.....	33,077
East South Central.....	33,771	19,237	United States, total.....		68,902		64,400	New York.....	23,550
Tennessee.....	10,660	7,919	New England.....		2,646		2,418	North Central.....	3,481
Alabama.....	18,042	(3)						South and West.....	15,835
Mississippi.....	5,069	(2)							
West South Central.....	11,721	6,806							
Texas.....	6,342	1,172							
Mountain.....	1,525	(2)							
Pacific.....	9,601	3,497							

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
	1963 ¹		1963 ¹		1963 ¹
CHILDREN'S OUTERWEAR, N.E.C., (MADE FROM WOVEN OR PURCHASED KNIT FABRICS) (23690)		CHILDREN'S OUTERWEAR, N.E.C., (MADE FROM WOVEN OR PURCHASED KNIT FABRICS) (23690)—Continued		CHILDREN'S OUTERWEAR, N.E.C., (MADE FROM WOVEN OR PURCHASED KNIT FABRICS) (23690)—Continued	
United States, total....	356,767				
New England.....	31,284	West North Central.....	10,566	East South Central.....	22,030
Middle Atlantic.....	191,775	Missouri.....	4,102	Alabama.....	14,291
New York.....	149,694	Kansas.....	2,458	Mississippi.....	2,163
New Jersey.....	13,796				
Pennsylvania.....	28,285	South Atlantic.....	51,646	West South Central.....	17,731
East North Central.....	10,492	Maryland.....	2,253	Texas.....	13,912
Indiana.....	2,254	North Carolina.....	11,453		
Illinois.....	1,499	Georgia.....	10,065	West.....	21,243
		Florida.....	8,066	California.....	19,278

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23412, Vermont, Rhode Island, Connecticut, Indiana, Michigan, Minnesota, Iowa, Virginia, South Carolina, Tennessee, Alabama, Louisiana, Oklahoma, Arizona, Utah, and California; 24313, Vermont, Rhode Island, Minnesota, Maryland, Georgia, Arkansas, Louisiana, Oklahoma, Oregon, and California; 23421, Massachusetts, Connecticut, Illinois, Michigan, North Carolina, Kentucky, Tennessee, Alabama, Arkansas, Texas, and California; 23422, Indiana, Michigan, Delaware, Tennessee, and Alabama; 23521, Illinois, Maryland, Tennessee, and California; 23522, Massachusetts, Minnesota, Texas, and California; 23610, Maine, Massachusetts, Rhode Island, Ohio, South Carolina, Georgia, Tennessee, and Alabama; 23612, New Hampshire, Massachusetts, Rhode Island, New Jersey, Pennsylvania, Illinois, Virginia, and North Carolina; 23690, Maine, Massachusetts, Rhode Island, Michigan, Minnesota, Virginia, West Virginia, South Carolina, Tennessee, Arkansas, Louisiana, and Oklahoma.

²See text regarding comparability between 1963 and 1958.

³Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

⁴As reported on the census of manufactures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963		1958	
		Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)	Quantity (1,000 lin. yds.)	Delivered cost (\$1,000)
		INDUSTRY 2341.—WOMEN'S AND CHILDREN'S UNDERWEAR			
	Materials, containers, and supplies, total.....	(X)	441,360	(X)	382,608
	Broad woven fabrics, total.....	358,504	133,758	440,623	158,330
220124	Suiting and coating piece goods, excluding linings.....	358,504	133,758	440,623	158,330
220125	All other piece goods, including linings.....				
225601	Knitted fabrics.....	354,431	160,435	(X)	190,377
970099	All other materials, containers, supplies, components, etc.....	(X)	56,606	(X)	
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	90,561	(X)	
		INDUSTRY 2342.—CORSETS AND ALLIED GARMENTS			
	Materials, containers, and supplies, total.....	(X)	218,295	(X)	157,225
	Broad woven fabrics, total.....	142,873	106,625	93,964	76,385
220124	Suiting and coating piece goods, excluding linings.....	(X)	(X)	(X)	(X)
220125	All other piece goods, including linings.....	(X)	(X)	(X)	(X)
225601	Knitted fabrics.....	33,478	33,602	}	67,662
970099	All other materials, containers, supplies, components, etc.	(X)	49,100		
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	28,968		
		INDUSTRY 2361.—CHILDREN'S DRESSES AND BLOUSES			
	Materials, containers, and supplies, total.....	(X)	155,952	(X)	128,205
	Broad woven fabrics, total.....	184,304	90,273	184,606	89,227
220124	Suiting and coating piece goods, excluding linings.....	3,364	2,565	2,556	2,264
220125	All other piece goods, including linings.....	180,940	87,708	182,050	86,963
225601	Knitted fabrics.....	21,632	19,112	}	(X)
970099	All other materials, containers, supplies, components, etc.....	(X)	14,306		
976000	Materials, containers, supplies, n.s.k. ¹	(X)	32,261		
		INDUSTRY 2363.—CHILDREN'S COATS AND SUITS			
	Materials, containers, and supplies, total.....	(X)	63,552	(X)	66,354
	Broad woven fabrics, total.....	40,944	43,575	42,548	49,257
220124	Suiting and coating piece goods, excluding linings.....	17,999	29,471	24,933	37,552
220125	All other piece goods, including linings.....	22,945	14,104	17,615	11,705
225601	Knitted fabrics.....	907	1,504	(X)	}
970099	All other materials, containers, supplies, components, etc.....	(X)	6,561	(X)	
976000	Materials, containers, supplies, n.s.k. ¹	(X)	11,915	(X)	
		INDUSTRY 2369.—CHILDREN'S OUTERWEAR, N.E.C.			
	Materials, containers and supplies, total.....	(X)	173,962	(X)	137,943
	Broad woven fabrics, total.....	184,194	103,609	(NA)	98,052
220124	Suiting and coating piece goods, excluding linings.....	13,132	11,406	(NA)	5,225
220125	All other piece goods, including linings.....	171,062	92,203	186,863	92,827
225601	Knitted fabrics (cotton, wool, man-made fabrics, etc.).....	35,956	28,793	}	(X)
970099	All other materials, containers, supplies, components, etc.....	(X)	20,328		
976000	Materials, containers, and supplies, n.s.k. ¹	(X)	21,232		
				(X)	12,720

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Women's and children's underwear (SIC 2341)	Corsets and allied garments (SIC 2342)	Millinery (SIC 2351)	Hats and caps (SIC 2352)	Children's dresses and blouses (SIC 2361)	Children's coats and suits (SIC 2363)	Children's outerwear, n.e.c. (SIC 2369)
Total cost of purchased fuels and electric energy.....\$1,000..	3,081	1,517	870	1,459	1,732	579	978
Total cost of purchased fuels.....do....	894	625	177	807	416	154	309
Bituminous coal, lignite, and anthracite:							
Quantity.....1,000 short tons..	(S)	(S)	-	(S)	(S)	-	-
Cost.....\$1,000..	(S)	(S)	-	(S)	(S)	-	-
Coke and breeze:							
Quantity.....1,000 short tons..	-	-	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-	-	-
Fuel oil (distillate and residual):							
Quantity.....1,000 barrels of 42 gallons..	76	71	(S)	166	27	(S)	24
Cost.....\$1,000..	351	214	(S)	446	138	(S)	115
Gas (natural, manufactured, still, blast furnace, and coke oven):							
Quantity.....million cu.ft..	214	340	(S)	(S)	(S)	(S)	(S)
Cost.....\$1,000..	155	187	(S)	(S)	(S)	(S)	(S)
Other fuels.....do....	367	213	126	150	232	77	151
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	122	44	38	35	56	22	36
Cost.....\$1,000..	2,187	892	693	652	1,316	425	669
Generated less sold.....million kw.-hrs..	-	(S)	-	(S)	-	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	-	-	-	-	-	-	-
Prime movers, total.....do....	-	-	-	-	-	-	-
Driving generators.....do....	-	-	-	-	-	-	-
Not driving generators.....do....	-	-	-	-	-	-	-
Electric motors, total.....do....	-	-	-	-	-	-	-
Driven by purchased energy.....do....	-	-	-	-	-	-	-
Driven by energy generated at establishment.....do....	-	-	-	-	-	-	-
Aggregate horsepower per 100 production workers.....	-	-	-	-	-	-	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2341-11	WOMEN'S AND CHILDREN'S UNDERWEAR-MANUFACTURERS										
	Entire subindustry.....	604	45,219	141,950	40,281	72,651	110,685	284,188	363,864	641,858	4,239
	Establishments with--										
	90% or more specialization..	552	36,329	114,459	32,188	57,793	88,255	216,162	278,966	491,826	3,033
	75-89% specialization.....	19	4,233	13,543	3,780	6,992	10,717	37,453	46,933	82,000	399
23412-11	Women's and children's underwear-Manufacturers (primary product class of estab.).....	289	27,858	88,378	24,868	44,901	69,454	188,791	242,732	428,401	2,518
	Establishments with--										
	90% or more specialization....	188	10,305	31,343	9,470	16,746	25,997	56,607	75,991	131,654	730
	75-89% specialization.....	26	4,250	13,355	3,534	6,468	9,596	28,247	38,447	65,870	252
23413-11	Women's and children's nightwear-Manufacturers (primary product class of estab.).....	158	14,953	47,140	13,281	24,281	36,008	87,012	106,034	193,095	1,508
	Establishments with--										
	90% or more specialization....	117	9,446	29,790	8,299	15,083	22,024	55,376	67,004	122,776	1,040
	75-89% specialization.....	16	1,499	4,718	1,338	2,436	3,903	7,826	7,881	16,070	78
2341-22	WOMEN'S AND CHILDREN'S UNDERWEAR-JOBBER'S										
	Entire subindustry	146	2,365	16,225	725	1,446	3,346	44,459	178,780	221,493	383
	Establishments with--										
	90% or more specialization..	141	2,330	15,894	715	1,423	3,306	43,212	174,549	215,940	375
23412-22	Women's and children's underwear-Jobbers (primary product class of estab.).....	72	1,146	8,534	288	615	1,646	24,703	103,887	127,349	204
	Establishments with--										
	90% or more specialization....	63	789	5,515	254	473	1,305	15,434	64,904	79,774	94
	75-89% specialization.....	5	222	1,760	13	25	53	5,795	24,029	29,562	77
23413-22	Women's and children's nightwear-Jobbers (primary product class of estab.).....	68	1,170	7,295	418	795	1,571	19,055	72,205	90,742	168
	Establishments with--										
	90% or more specialization....	57	1,047	6,368	401	757	1,496	15,970	57,270	72,617	154
2342-11	CORSETS AND ALLIED GARMENTS-MANUFACTURERS										
	Entire subindustry.....	263	27,669	111,003	22,744	41,340	72,146	268,861	254,828	517,243	2,975
	Establishments with--										
	90% or more specialization..	244	22,976	88,917	19,583	35,641	61,333	212,838	214,923	423,870	2,132
23421-11	Brassieres-Manufacturers (primary product class of estab.)....	101	14,259	55,800	11,901	21,876	37,909	141,628	141,757	280,800	1,369
	Establishments with--										
	90% or more specialization....	66	6,754	23,255	6,070	10,870	17,903	53,778	45,434	97,731	424
	75-89% specialization.....	15	3,227	14,292	2,207	4,076	7,455	35,994	40,624	77,127	282
23422-11	Corsets, girdles, combinations, and accessories-Manufacturers (primary product class of estab.)	104	12,211	51,667	9,800	17,534	31,423	121,005	108,473	225,637	1,185
	Establishment with--										
	90% or more specialization....	70	4,988	19,283	4,301	7,791	14,056	44,105	43,733	87,236	460
	75-89% specialization.....	18	2,321	9,333	2,014	3,599	6,813	20,234	20,579	40,725	163
2342-22	CORSETS AND ALLIED GARMENTS-JOBBER'S										
	Entire subindustry.....	20	323	3,273	51	91	335	10,812	35,532	45,216	23
23421-22	Brassieres-Jobbers (primary product class of estab.).....	9	227	2,389	29	55	139	7,960	29,770	36,588	20

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2352-	HATS AND CAPS, EXCEPT MILLINERY										
	Entire industry.....	436	16,608	60,463	14,578	26,619	47,392	91,606	79,785	171,108	2,274
	Establishments with--										
	90% or more specialization	410	15,638	56,960	13,702	25,018	44,492	87,476	76,843	163,985	2,230
23521	Hats and hat bodies(except cloth and millinery) (primary product class of estab.).....	85	8,277	32,351	7,163	13,063	24,406	47,407	43,034	90,311	1,635
	Establishments with--										
	90% or more specialization..	78	6,737	26,308	5,876	10,697	20,264	40,535	37,041	77,216	892
23522	Cloth hats and caps, total (primary product class of estab.)..	240	6,963	23,591	6,212	11,420	19,151	37,796	31,953	69,518	579
	Establishments with--										
	90% or more specialization..	225	6,438	21,648	5,748	10,566	17,645	35,158	29,698	64,655	536
2361-11	CHILDREN'S DRESSES AND BLOUSES-MANUFACTURERS										
	Entire subindustry.....	292	15,129	51,302	12,924	23,096	38,216	106,113	127,675	232,289	1,930
	Establishments with--										
	90% or more specialization	251	10,914	35,907	9,318	16,377	26,735	74,196	88,068	161,706	1,619
	75-89% specialization.....	7	1,083	3,906	847	1,566	2,673	11,268	7,466	18,252	78
23610-11	Girls', children's, and infants' dresses, blouses, waists, and shirts, except knit (primary product class of estab.).....	269	12,456	43,277	10,549	18,913	31,741	93,206	109,331	201,040	1,659
	Establishments with--										
	90% or more specialization..	235	9,469	31,745	8,080	14,256	23,572	67,302	81,522	148,067	1,475
	75-89% specialization.....	5	758	2,718	601	1,068	2,003	9,058	5,648	14,215	58
23612-11	Girls', children's, and infants' knit sport shirts (primary product class of estab.).....	15	1,655	5,335	1,514	2,769	4,375	9,245	17,515	26,721	139
	Establishments with--										
	90% or more specialization..	6	393	1,239	357	668	981	2,934	4,340	7,428	9
2361-22	CHILDREN'S DRESSES AND BLOUSES-JOBBER										
	Entire subindustry.....	79	2,110	13,303	1,221	2,267	5,164	35,505	107,847	142,788	200
	Establishments with--										
	90% or more specialization	69	1,972	12,480	1,142	2,122	4,783	32,054	100,986	132,787	95
23610-22	Girls', children's, and infants' dresses, blouses, waists, and shirts, except knit (primary product class of estab.).....	72	2,029	12,861	1,164	2,153	4,888	34,531	103,752	137,770	186
	Establishments with--										
	90% or more specialization..	65	1,939	12,271	1,118	2,071	4,671	31,539	99,464	130,761	93
2369-11	GIRLS' AND CHILDREN'S OUTERWEAR, N.E.C.-MANUFACTURERS										
	Entire subindustry.....	333	18,086	55,434	15,986	29,712	44,128	91,304	97,183	187,381	1,255
	Establishments with--										
	90% or more specialization..	264	8,891	26,174	7,908	14,878	21,904	44,212	47,429	91,904	624
	75-89% specialization.....	20	2,574	8,443	2,316	4,357	6,749	14,715	14,991	29,762	186
2369-22	GIRLS' AND CHILDREN'S OUTERWEAR, N.E.C.-JOBBER										
	Entire subindustry.....	99	3,143	15,596	2,180	4,191	8,003	49,438	132,584	180,574	387
	Establishments with--										
	90% or more specialization..	68	1,209	6,451	787	1,479	2,944	19,623	60,783	80,333	214
	75-89% specialization.....	12	314	2,058	171	338	714	7,854	29,811	37,426	68

n.e.c. Not elsewhere classified.

MISCELLANEOUS APPAREL AND ACCESSORIES

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2371—Fur Goods
- 2381—Dress and Work Gloves, Except Knit and All Leather
- 2384—Robes and Dressing Gowns
- 2385—Raincoats and Other Waterproof Outergarments
- 2386—Leather and Sheeplined Clothing
- 2387—Apparel Belts
- 2389—Apparel, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

These industries represent a segment of the industries comprising Major Group 23, Apparel and Related Products. This Major Group, known as the "needle trades" or "cut-and-sew shops," includes establishments producing apparel and fabricated textile products from purchased textile fabrics (knit and woven) and related materials such as leather, rubberized fabrics, plastics, and furs.

Excluded from Major Group 23 are knitting mills which make apparel from yarns or fabric knitted in the same establishment; such plants are classified in Group 225, Knitting Mills. In addition, custom tailors and dressmakers not operating on a factory basis as well as wholesalers who purchase and resell finished garments without taking title to the raw materials are classified in nonmanufacturing industries. Such establishments are included in the retail and wholesale segments of the census of business.

Patterns of Operation

The apparel industries are characterized by three major types of establishment operations: (1) regular or inside factories, known as "manufacturers," (2) apparel "jobbers," and (3) outside or contract factories, the "contractors." The "manufacturer" purchases fabric, employs production workers in his own plant to cut and sew garments, and sells the finished products; in effect, this establishment type performs all of the usual manufacturing functions within his own establishment.

The apparel "jobber," however, primarily performs only the entrepreneurial functions of the manufacturing concern, such as buying raw materials, designing and preparing samples, arranging with outside factories (contractors) for the manufacture of his garments from his own materials, and marketing the finished product. A number of jobbers, however, do maintain the cutting operation within their own establishments; only the final processing (cutting, sewing, finishing, etc.) is done on contract in an outside factory. The apparel "contractor" employs production workers in his own establishment to process materials owned by others, makes products to specification, and does not become involved in the sale of the finished garment.

Methods of Reporting on Census Questionnaires

Typically, the apparel manufacturer reports figures on employment (including production workers), cost of piece goods and other raw materials, and the value of products made by him from his own materials. The apparel jobber will show, in addition to his cost of raw materials, a cost for contract work, and the value of products made for him from his own materials. The typical apparel jobber's questionnaire shows few, if any, production workers, and his labor costs are represented in his "cost of contract work." The contractor, on the other hand, reports figures on employment (primarily production workers). Instead of showing the value of the garments which he produced (which would duplicate the data reported by his principals), the contractor reports his receipts for the contract work done for jobbers on their materials. His materials costs and contract receipts do not include any costs for materials which he has processed but did not own.

Classification of Establishments

Since these different methods of operation lead to significant differences in the relationships between wages and salaries paid, cost of materials, value of products, and value added by manufacture, plants were classified by their primary method of operation, i.e., "manufacturer," "jobber," or "contractor." Wherever possible, separate statistics for each group are shown in tables 2 to 4.

It should be noted, however, that many establishments in these industries employ more than one method of operating. For example, some establishments act as both manufacturer and jobber, or as manufacturer and contractor. In assigning the primary method of operation for manufacturer-jobber plants, the relationship between wages and salaries paid to the cost of contract work was the determining factor. If wage and salary payments exceeded contract payments, the plant was classified as a "manufacturer"; if the contract payments exceeded the wage and salary payments, the plant was classified as a "jobber." Similarly for manufacturer-contractor plants, the relationship between the value of products made for their own account was compared with the receipts for work done on materials owned by other establishments to determine the plant's primary method of operation.

A number of multiplant companies cut and sew apparel in separate plants. In these cases, the sewing plants were treated as "contractors" to the cutting establishments. Such contract plants were requested to report their value of work done as "contract receipts for work done for others"; the cutting establishment reported the value of production of the finished garment and included the cost of the work done by the sewing plant in the "cost of contract work." This procedure somewhat inflates the amount of contract payments and receipts as they are usually described in the trade, where contractors are usually thought of as independently owned establishments.

2371—FUR GOODS

This industry comprises establishments primarily engaged in manufacturing fur coats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheeplined clothing are classified in industry 2386, and those

engaged in dyeing and dressing of furs in industry 3992. For a detailed list of products of industry 2371, refer to table 6A, product code 2371011.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments and value added data shown in tables 1 to 4.

Value of shipments and other receipts of the Fur Goods Industry totaled \$334 million. This amount included shipments of fur goods (primary products) valued at \$321 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts at \$10 million.

This industry's shipments of fur goods represented 99 percent of its total product shipments. The industry specialization ratio in 1958 was also 99 percent. Secondary products shipped by this industry in 1963 consisted mainly of furs, dressed and dyed (slightly below \$3 million).

Shipments of fur goods by this industry represented 100 percent of all shipments of these products (\$321 million) by all industries. In 1958 the coverage ratio was also 100 percent.

2381—DRESS AND WORK GLOVES, EXCEPT KNIT AND ALL LEATHER

This industry comprises establishments primarily engaged in manufacturing dress, semi-dress, and work gloves and mittens, cut and sewed from purchased woven or knit fabrics, or these materials combined with leather. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in industry 2259, establishments primarily engaged in manufacturing leather gloves in industry 3151, and those manufacturing rubber gloves in industry 3069. For a detailed list of products of industry 2381, refer to table 6A, product codes 2381110 to 2381212.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4.

Value of shipments and other receipts of the Fabric Dress and Work Glove Industry totaled \$149 million. This amount included shipments of fabric dress and work gloves cut and sewed from purchased woven or knit fabric (primary products) valued at \$118 million, shipments of other products (secondary products) valued at \$8 million, and miscellaneous receipts at \$23 million.

This industry's shipments of fabric dress and work gloves represented 94 percent of its total product shipments. The industry specialization ratio in 1958 was also 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of leather gloves and mittens (\$6 million).

Shipments of dress and work gloves, except knit and all leather, by this industry in 1963 represented 82 percent of all shipments of these products (\$145 million) by all industries. In 1958 the coverage ratio was 84 percent. Other industries shipping fabric dress and work gloves consisted mainly of industry 2259, Knitting Mills, N.E.C., \$14 million; and industry 3151, Leather Gloves, \$12 million.

The production index for the primary products of the industry increased to 96 in 1963 from the 1958 level of 87. The unit value index for 1963 was 130 compared to 118 in 1958. Both indexes were computed on a basis of 1954 = 100.

2384—ROBES AND DRESSING GOWNS

This industry comprises establishments primarily engaged in manufacturing men's and women's robes and dressing gowns. For a detailed list of products of industry 2384, refer to table 6A, product codes 2384021 to 2384079.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4.

Value of shipments and other receipts of the Robes and Dressing Gowns Industry totaled \$173 million. This amount included shipments of robes and dressing gowns (primary products) valued at \$150 million, shipments of other products (secondary products) valued at \$7 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$17 million.

This industry's shipments of robes and dressing gowns represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent.

Shipments of robes and dressing gowns by this industry represented 94 percent of all shipments of these products (\$160 million) by all industries. In 1958 the coverage ratio was 96 percent. Other industries shipping robes and dressing gowns consisted mainly of industry 2331, Blouses, over \$2 million; and industry 2341, Women's and Children's Underwear, over \$2 million.

The production index for the primary products of the industry increased to 157 in 1963 from the 1958 level of 105. The unit value index for 1963 was 99 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2385—RAINCOATS AND OTHER WATERPROOF OUTERGARMENTS

This industry comprises establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in industry 2328, Work Clothing, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishment are classified in industry 3069. For a detailed list of products of industry 2385, refer to table 6A, product codes 2385010 to 2385098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments and value added by manufacture shown in tables 1 to 4.

Value of shipments and other receipts of the Waterproof Outergarments Industry totaled \$236 million. This amount included shipments of raincoats and other waterproof outergarments (primary products) valued at \$188 million, shipments of other products (secondary products) valued at \$17 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$30 million.

This industry's shipments of waterproof outergarments represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent.

Shipments of raincoats and waterproof outergarments by this industry represented 93 percent of all shipments of these products (\$203 million) by all industries. In 1958 the coverage ratio was 90 percent. Other industries shipping raincoats and other waterproof outergarments consisted mainly of industry 2311, Men's and Boys' Suits and Coats, \$2-\$5 million; and industry 2329, Men's and Boys' Clothing, N.E.C., \$5-\$10 million.

The production index for the primary products of the industry increased to 157 in 1963 from the 1958 level of 108. The unit value index for 1963 was 109 compared to 103 in 1958. Both indexes were computed on a basis of 1954 = 100.

2386—LEATHER AND SHEEPLINED CLOTHING

This industry comprises establishments primarily engaged in manufacturing leather and sheeplined garments. Establishments primarily engaged in manufacturing gloves and mittens are classified in industry 3151 and fur garments in industry 2371. For a detailed list of products of industry 2386, refer to table 6A, product codes 2386013 to 2386053.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments or value added data shown in tables 1 to 4.

Value of shipments and other receipts of the Leather and Sheeplined Clothing Industry totaled \$56 million. This amount included shipments of leather and sheeplined clothing (primary products) valued at \$49 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$6 million.

This industry's shipments of leather and sheeplined clothing represented 97 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent.

Shipments of leather and sheeplined clothing by this industry represented 83 percent of all shipments of these products (\$58 million) by all industries. In 1958 the coverage ratio was 91 percent. Other industries shipping leather and sheeplined clothing consisted mainly of industry 2321, Men's Dress Shirts and Nightwear, over \$2 million; and industry 2329, Men's and Boys' Clothing, N.E.C., \$5 million.

The production index for the primary products of the industry decreased to 73 in 1963 from the 1958 level of 104. The unit value index for 1963 was 139 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2387—APPAREL BELTS

This industry comprises establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material. For a detailed list of products of industry 2387, refer to table 6A, product codes 2387113 to 2387251.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments shown in tables 1 to 4. However, it does have a somewhat greater effect on the comparability of the 1963 value added data to the value added information published for prior years since an adjustment in prior years was not made for changes in finished products inventories.

For 1958, the finished products inventories adjustment would result in a decrease of \$1.3 million or approximately 2 percent.

Value of shipments and other receipts of the Apparel Belts Industry totaled \$109 million. This amount included shipments of apparel belts (primary products) valued at \$87 million, shipments of other products (secondary products) valued at \$9 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$13 million.

This industry's shipments of apparel belts represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of apparel, n.e.c. (\$3 million).

Shipments of apparel belts by this industry represented 94 percent of all shipments of these products (\$92 million) by all industries. In 1958 the coverage ratio was 95 percent.

The production index for the primary products of the industry increased to 86 in 1963 from the 1958 level of 72. The unit value index for 1963 was 110 compared to 121 in 1958. Both indexes were computed on a basis of 1954 = 100.

2389—APPAREL, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, n.e.c., such as academic caps and gowns, vestments, and theatrical costumes. For a detailed list of products of industry 2389, refer to table 6A, product codes 2389031 to 2389098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

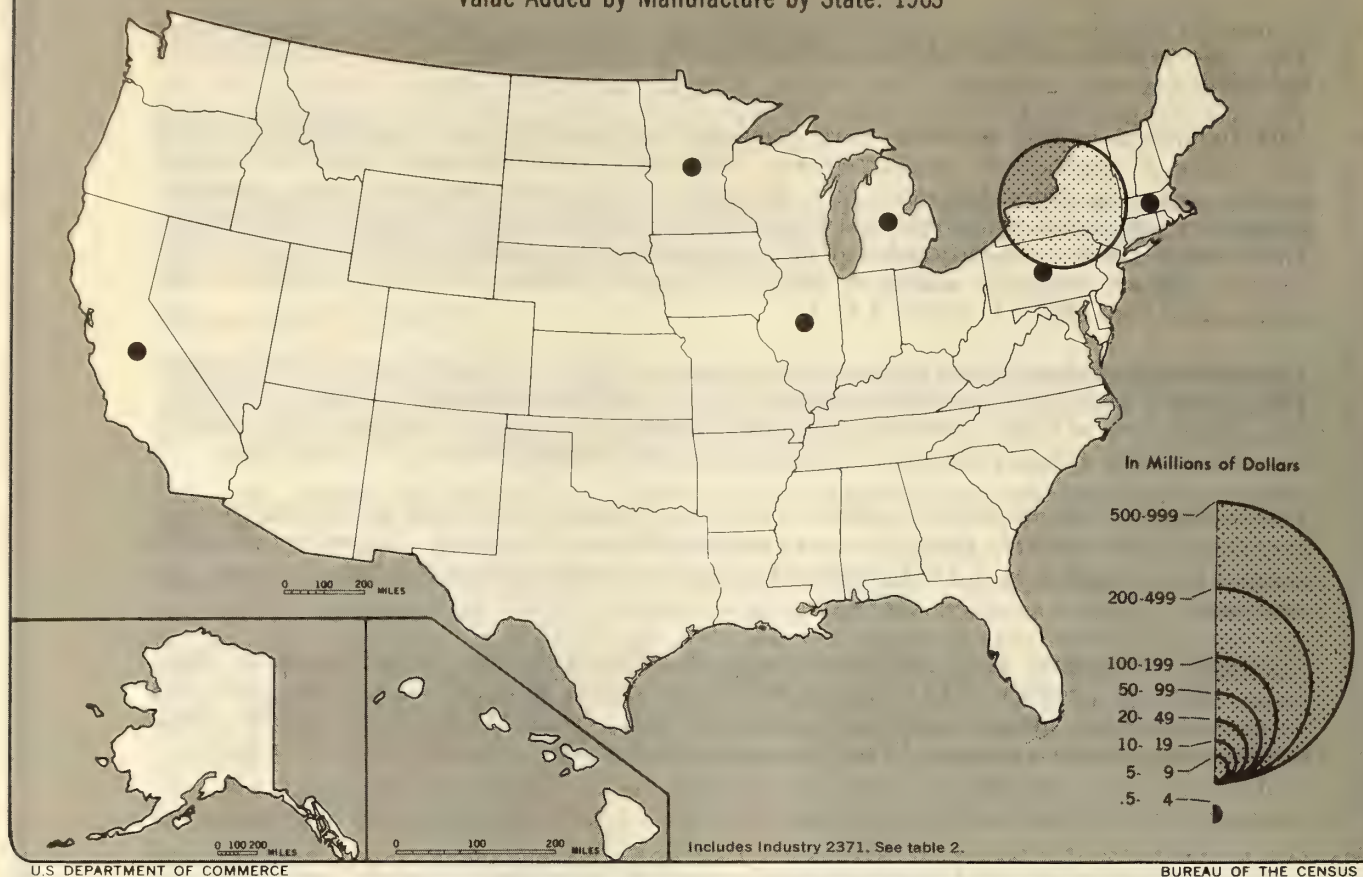
Establishments in this industry were requested to report value of shipments in 1963 and value of production in prior years. This change was made as a result of a review of the reporting which indicated that the value of shipments data were more generally available from company records and were usually reported in place of value of production. This change does not significantly affect the comparability between 1963 and prior years for the product statistics shown in table 6A or in the industry's value of shipments and value added data shown in tables 1 to 4.

Value of shipments and other receipts of the Apparel, N.E.C., Industry totaled \$98 million. This amount included shipments of apparel, n.e.c. (primary products), valued at \$85 million, shipments of other products (secondary products) valued at \$7 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$6 million.

This industry's shipments of apparel, n.e.c., represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent. Secondary products shipped by this industry in 1963 consisted mainly of fabricated textile products, n.e.c. (\$4 million).

Shipments of apparel, n.e.c., by this industry in 1963 represented 82 percent of all shipments of these products (\$103 million) by all industries. In 1958 the coverage ratio was 84 percent. Other industries shipping apparel, n.e.c., consisted mainly of industry 2342, Corsets and Allied Garments, \$7 million; and industry 2387, Apparel Belts, \$3 million.

FUR GOODS: SIC 237 Value Added by Manufacture by State: 1963



MISCELLANEOUS APPAREL: SIC 238 Value Added by Manufacture by State: 1963

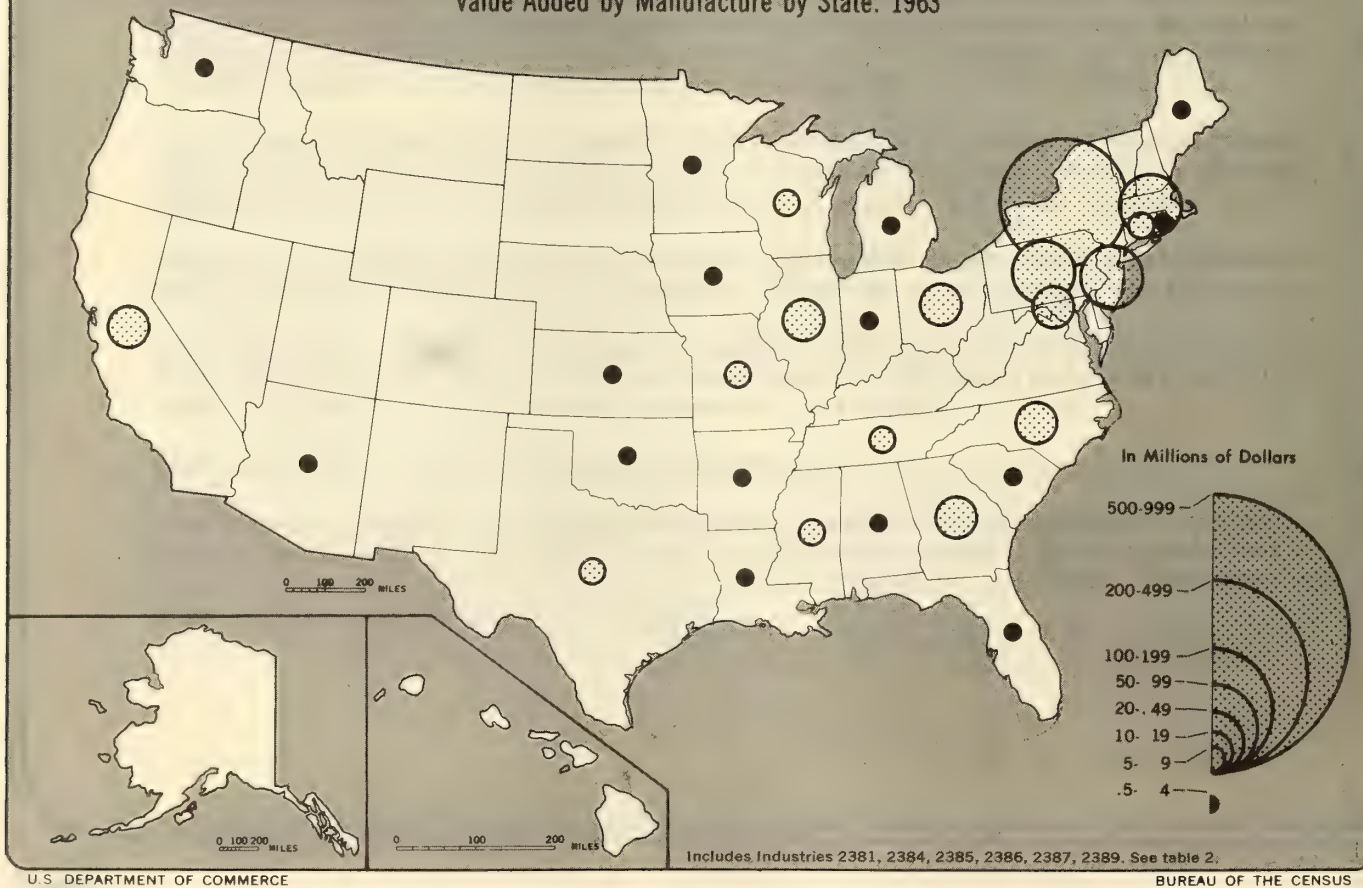


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments ¹ (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2371.—FUR GOODS														
1963.....	1,591	1,591	94	9,289	55,961	7,700	14,484	45,591	110,619	225,237	334,414	1,245	99	100
1962 ²	(NA)	(NA)	(NA)	(9,603)	(60,031)	(8,022)	(15,015)	(45,504)	(115,276)	(270,264)	(402,745)	(1,373)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(9,808)	(58,537)	(8,231)	(15,257)	(44,577)	(108,140)	(274,759)	(383,796)	(2,632)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(9,497)	(53,598)	(8,097)	(15,613)	(43,285)	(96,280)	(240,507)	(337,532)	(1,889)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(9,177)	(50,117)	(7,559)	(14,232)	(39,139)	(91,664)	(217,663)	(308,800)	(2,014)	(NA)	(NA)
1958 ³	1,651	1,651	78	9,355	50,454	7,944	13,648	41,715	95,411	187,011	281,335	2,644	99	100
1954 ³	1,972	1,972	63	9,983	42,833	7,994	13,935	33,915	75,843	161,640	238,347	(⁴)	99	100
1949 ^{2 3}	(NA)	(NA)	(NA)	14,256	59,847	11,802	18,877	46,897	95,527	152,808	248,335	(S)	(NA)	(NA)
1947 ³	2,227	2,229	169	16,190	68,571	13,745	24,521	57,636	122,821	234,466	357,013	559	(NA)	100
1939 ³	(NA)	2,175	(NA)	17,329	33,435	13,111	(NA)	23,403	60,280	107,752	168,032	(NA)	(NA)	(NA)
1937 ^{3 5}	(NA)	1,642	(NA)	16,057	29,012	12,952	(NA)	21,560	49,260	106,345	155,605	(NA)	(NA)	(NA)
1935 ³	(NA)	2,438	(NA)	16,215	28,832	12,510	(NA)	21,040	52,792	90,992	143,784	(NA)	(NA)	(NA)
1933 ³	(NA)	1,463	(NA)	9,782	13,646	8,210	(NA)	11,500	30,463	50,061	80,524	(NA)	(NA)	(NA)
1931 ³	(NA)	2,354	(NA)	(NA)	(NA)	12,358	(NA)	24,793	62,115	102,634	164,749	(NA)	(NA)	(NA)
1929 ³	(NA)	2,855	(NA)	19,853	46,088	15,752	(NA)	33,330	101,486	176,107	277,593	(NA)	(NA)	(NA)
1927 ³	(NA)	2,756	(NA)	20,733	47,763	16,640	(NA)	37,671	104,292	195,323	299,615	(NA)	(NA)	(NA)
1925 ³	(NA)	2,000	(NA)	20,164	43,716	16,556	(NA)	35,164	94,950	159,316	254,266	(NA)	(NA)	(NA)
1923 ³	(NA)	1,758	(NA)	18,276	35,954	14,439	(NA)	27,923	71,881	126,162	198,043	(NA)	(NA)	(NA)
1921 ³	(NA)	1,707	(NA)	15,096	28,666	12,052	(NA)	22,421	54,829	84,537	139,366	(NA)	(NA)	(NA)
1919 ³	(NA)	1,815	(NA)	17,307	32,142	13,639	(NA)	24,149	67,541	105,397	173,138	(NA)	(NA)	(NA)
1914 ³	(NA)	1,322	(NA)	11,564	9,118	9,030	(NA)	6,335	19,786	23,847	43,633	(NA)	(NA)	(NA)
1909 ³	(NA)	1,241	(NA)	14,435	10,341	11,927	(NA)	7,789	24,161	31,777	55,938	(NA)	(NA)	(NA)
1904 ³	(NA)	867	(NA)	10,342	6,352	9,370	(NA)	5,123	15,917	21,202	37,119	(NA)	(NA)	(NA)
1899 ³	(NA)	734	(NA)	8,899	4,933	7,758	(NA)	3,927	11,618	14,281	25,899	(NA)	(NA)	(NA)
INDUSTRY 2381.—FABRIC DRESS AND WORK GLOVES														
1963.....	170	197	103	12,771	36,673	11,859	21,271	31,513	68,372	82,238	149,503	1,092	94	82
1962 ²	(NA)	(NA)	(NA)	15,297	39,874	13,134	24,108	33,569	77,453	85,130	161,965	1,937	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	16,106	40,289	13,751	24,592	33,740	71,741	85,939	155,942	1,008	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	15,352	37,663	24,031	24,321	31,796	59,607	72,340	131,951	955	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	16,017	39,518	13,781	25,821	33,909	66,901	74,695	140,195	(1,002)	(NA)	(NA)
1958 ³	189	228	130	13,941	32,870	12,641	21,871	27,180	53,930	64,307	118,749	556	94	84
1954 ³	(NA)	240	146	14,621	29,709	13,611	23,667	24,897	47,445	62,056	109,718	(NA)	(⁶)	(NA)
1947 ³	(NA)	276	177	16,498	26,982	15,563	28,312	23,591	749,368	58,053	104,570	1,659	(NA)	(NA)
1939 ³	(NA)	145	(NA)	(NA)	(NA)	12,753	(NA)	8,308	15,195	16,060	31,255	(NA)	(NA)	(NA)
1937 ³	(NA)	107	(NA)	13,104	8,571	12,679	(NA)	7,847	13,855	18,705	32,560	(NA)	(NA)	(NA)
1935 ³	(NA)	115	(NA)	8,415	5,138	8,048	(NA)	4,488	8,607	10,333	18,940	(NA)	(NA)	(NA)
1933 ³	(NA)	91	(NA)	8,875	3,936	8,586	(NA)	3,547	7,269	8,743	16,012	(NA)	(NA)	(NA)
1931 ^{3 4}	(NA)	106	(NA)	(NA)	(NA)	7,101	(NA)	3,319	5,627	8,912	14,539	(NA)	(NA)	(NA)
1929 ³	(NA)	125	(NA)	9,861	6,927	9,279	(NA)	5,914	10,594	19,289	29,883	(NA)	(NA)	(NA)
1927 ³	(NA)	131	(NA)	10,752	7,626	10,296	(NA)	6,670	12,810	17,392	30,202	(NA)	(NA)	(NA)
1925 ³	(NA)	139	(NA)	(NA)	(NA)	9,061	(NA)	5,709	11,555	17,977	29,532	(NA)	(NA)	(NA)
1923 ^{3 8}	(NA)	129	(NA)	9,379	6,412	8,864	(NA)	5,296	9,834	18,292	28,126	(NA)	(NA)	(NA)
1921 ³	(NA)	128	(NA)	6,099	4,106	5,758	(NA)	3,294	5,022	10,191	15,213	(NA)	(NA)	(NA)
1919 ^{3 9}	(NA)	182	(NA)	9,613	6,092	8,986	(NA)	4,855	12,128	16,092	28,220	(NA)	(NA)	(NA)
INDUSTRY 2384.—ROBES AND DRESSING GOWNS														
1963.....	268	271	144	11,889	37,381	10,482	18,941	29,122	68,717	105,335	173,450	818	96	94
1962 ²	(NA)	(NA)	(NA)	(13,177)	(38,750)	(11,912)	(19,707)	(29,649)	(66,325)	(65,714)	(132,070)	(1,431)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(12,275)	(36,143)	(11,106)	(17,819)	(27,385)	(64,444)	(62,373)	(124,745)	(759)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	12,593	33,663	11,471	18,181	25,627	53,203	60,687	114,009	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	11,181	31,198	9,944	16,157	23,250	48,657	60,936	109,849	(S)	(NA)	(NA)
1958 ³	274	278	155	10,625	30,461	9,258	15,975	22,754	56,442	76,203	132,671	459	93	96
1957 ^{2 3}	(NA)	(NA)	(NA)	11,188	29,549	9,854	16,353	21,568	48,978	79,927	123,555	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	11,355	29,420	10,046	16,338	21,301	46,558	86,097	132,072	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	11,984	30,785	10,702	18,480	23,547	46,712	82,517	132,479	(S)	(NA)	(NA)
1954 ³	322	328	157	10,957	27,039	10,043	16,891	21,093	43,229	65,170	109,292	(⁴)	93	(⁶)
1947 ³	370	376	216	10,884	23,353	9,803	17,469	17,630	42,563	60,461	103,024	708	89	82
1939 ^{3 10}	(NA)	190	(NA)	(NA)	(NA)	5,774	(NA)	4,303	11,740	20,054	31,794	(NA)	(NA)	(NA)
INDUSTRY 2385.—WATERPROOF OUTERGARMENTS														
1963.....	223	341	196	16,148	60,824	14,154	24,964	44,990	111,342	125,698	235,540	2,185	92	93
1962 ²	(NA)	(NA)	(NA)	19,691	68,950	16,669	28,948	48,801	109,727	149,186	259,749	(797)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	17,090	55,893	14,496	25,917	39,609	92,683	122,382	215,083	1,342	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	14,054	45,801	11,698	20,510	31,887	76,562	84,216	161,878	881	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	14,569	47,829	12,126	20,907	34,367	83,226	85,952	170,021	(S)	(NA)	(NA)
1958 ³	270	277	136	13,159	43,114	11,315	20,202	32,217	73,070	73,933	146,175	958	90	90
1957 ^{2 3}	(NA)	(NA)	(NA)	13,283	40,144	11,872	20,401	32,348	69,811	60,256	129,870	(S)	(NA)	(NA)
1956 ^{2 3}	(NA)	(NA)	(NA)	13,131	39,157	11,567	20,809	31,140	67,541	63,421	129,830	(S)	(NA)	(NA)
1955 ^{2 3}	(NA)	(NA)	(NA)	12,591	39,196	11,178	21,108	31,119	69,345	63,182	132,529	(S)	(NA)	(NA)
1954 ³	291	294	154	12,872	34,702	11,360	20,167	27,117	58,941	61,310	121,165	844	89	81
1947 ³	245	247	(NA)	8,573	20,272	7,568	14,367	15,448	33,444	47,307	80,751	533	85	73
1939 ³	(NA)	81	(NA)	(NA)	(NA)	2,412	(NA)	1,934	4,341	7,264	11,605	(NA)	(NA)	(NA)
1937 ^{3 10}	(NA)	61	(NA)	(NA)	(NA)	2,243	(NA)	1,707	4,096	5,908	10,004	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted ¹ (\$1,000)	Cost of materials (\$1,000)	Value of shipments ¹ (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2386.—LEATHER AND SHEEPLINED CLOTHING														
1963.....	114	114	50	3,352	12,817	3,016	5,764	10,535	23,351	33,380	56,380	315	97	83
1963 ²	(NA)	(NA)	(NA)	(4,038)	(12,937)	(3,429)	(6,581)	(9,224)	(27,927)	(35,018)	(64,417)	(706)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(3,810)	(12,207)	(3,289)	(6,289)	(8,756)	(24,248)	(38,462)	(63,810)	(808)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(3,664)	(11,993)	(3,156)	(6,245)	(8,441)	(24,567)	(35,379)	(62,057)	(800)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(4,557)	(16,126)	(4,055)	(8,641)	(12,021)	(31,256)	(40,270)	(75,018)	(201)	(NA)	(NA)
1958 ³	154	154	71	4,626	16,166	4,037	7,488	12,410	27,847	38,374	65,734	338	94	91
1954 ³	153	153	74	5,361	15,730	4,660	8,106	11,862	23,570	32,557	56,910	(4)	85	80
1952 ²	(NA)	(NA)	(NA)	4,655	13,910	4,052	7,677	11,140	21,536	31,403	52,939	(S)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	3,909	10,739	3,414	6,306	8,445	17,493	28,076	45,569	(S)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	4,306	10,729	3,791	6,725	8,291	15,220	27,089	42,309	(S)	(NA)	(NA)
1947 ³	125	125	(NA)	4,228	10,432	3,710	7,376	7,798	18,451	22,104	40,555	276	79	80
1939 ³	(NA)	97	(NA)	5,355	5,878	4,672	(NA)	4,578	8,376	13,766	22,142	(NA)	(NA)	(NA)
1937 ³	(NA)	78	(NA)	4,514	4,615	4,075	(NA)	3,720	6,574	14,399	20,973	(NA)	(NA)	(NA)
INDUSTRY 2387.—APPAREL BELTS														
1963.....	388	389	141	9,841	35,590	8,295	15,240	24,843	62,172	46,222	108,600	697	91	94
1962 ²	(NA)	(NA)	(NA)	9,317	32,261	7,532	14,081	22,250	61,041	43,266	102,908	(4)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	9,552	32,767	7,799	14,382	21,593	59,680	42,517	99,818	(4)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	12,152	39,441	10,192	18,555	27,235	65,116	50,242	114,029	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	11,735	37,335	9,880	18,086	25,784	65,948	51,531	115,880	(S)	(NA)	(NA)
1958 ³	453	455	144	10,150	31,801	8,498	15,503	22,503	53,726	46,164	99,053	816	92	95
1957 ²	(NA)	(NA)	(NA)	13,205	37,152	11,227	19,169	27,879	60,583	46,897	103,635	(S)	(NA)	(NA)
1956 ²	(NA)	(NA)	(NA)	12,731	34,983	10,894	18,982	26,302	59,183	43,382	99,701	(S)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	13,243	37,006	11,399	20,599	27,858	64,616	53,654	113,540	(S)	(NA)	(NA)
1954 ³	501	503	168	12,571	35,403	10,789	19,639	25,176	60,131	51,965	112,368	658	92	94
1947 ³	390	396	284	9,162	22,016	7,573	14,338	15,889	38,037	30,945	68,982	714	90	95
1939 ³	(NA)	245	(NA)	5,159	5,800	4,222	(NA)	4,067	9,176	9,900	19,076	(NA)	(NA)	(NA)
1937 ³	(NA)	119	(NA)	(NA)	(NA)	3,435	(NA)	3,294	8,332	8,374	16,706	(NA)	(NA)	(NA)
INDUSTRY 2389.—APPAREL, N.E.C.														
1963.....	265	270	108	7,225	25,553	6,181	10,985	19,231	43,211	52,721	98,173	517	93	82
1962 ²	(NA)	(NA)	(NA)	(7,730)	(25,454)	(7,190)	(12,817)	(19,943)	(39,294)	(48,584)	(88,498)	(4)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	(6,938)	(23,108)	(6,431)	(11,663)	(17,981)	(39,094)	(44,500)	(84,690)	(4)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
1958 ³	303	309	93	7,525	23,087	6,135	11,012	16,168	41,262	53,250	94,904	517	91	84
1954 ³	(NA)	286	95	7,948	20,796	6,934	12,249	15,054	35,909	48,476	84,389	(NA)	(NA)	(NA)
1947 ³	(NA)	308	106	8,448	17,554	7,251	13,340	12,036	35,385	45,570	80,955	351	(NA)	(NA)
1939 ³	(NA)	193	(NA)	(NA)	(NA)	8,389	(NA)	6,122	16,365	24,525	40,890	(NA)	(NA)	(NA)

NOTE: See introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³Data for Alaska and Hawaii are not included.

⁴Less than \$500 thousand.

⁵For fur goods in 1937, coverage was incomplete.

⁶Over 90 percent.

⁷The 1947 value added by manufacture for fabric dress and work gloves does not equal the published value of shipments less cost of materials, etc., because an estimated value of production was used in the calculation in place of value of shipments.

⁸The figures for 1919 to 1923 do not include data for gloves and mittens of fabric and leather combined.

⁹Prior to 1919, this industry was included in furnishing goods, men's. Separate figures are, therefore, not available for earlier years.

¹⁰Comparable data for earlier years are not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
	INDUSTRY 2371.—FUR GOODS												
Total.....	1,591	94	9,289	55,961	7,700	14,484	45,591	110,619	225,237	334,414	1,245	9,355	95,411
New England.....	10	-	56	214	47	87	175	734	470	1,203	29	37	227
Middle Atlantic....	1,433	87	8,605	52,873	7,136	13,393	43,048	103,168	215,453	317,284	1,131	8,647	88,004
New York.....	1,403	85	8,449	52,229	7,010	13,150	42,487	102,163	213,860	314,613	1,106	8,489	86,721
Pennsylvania.....	26	2	125	517	102	194	460	921	1,261	2,199	17	125	1,013
East North Central.	62	3	240	1,183	197	407	972	2,636	3,519	6,078	30	308	3,857
Illinois.....	49	1	126	698	110	232	597	1,615	2,580	4,166	21	550	1,812
West North Central.	8	-	35	189	26	47	137	529	1,033	1,547	12	49	344
South.....	10	1	94	320	84	151	248	663	1,040	1,680	8	44	247
Pacific.....	68	3	259	1,182	210	399	1,011	2,889	3,722	6,622	35	270	2,732
	INDUSTRY 2381.—FABRIC DRESS AND WORK GLOVES												
Total.....	197	103	12,771	36,673	11,859	21,271	31,513	68,372	82,238	149,503	1,092	13,941	53,930
New England.....	7	3	210	595	193	333	504	830	969	1,821	(D)	221	633
Middle Atlantic....	83	31	2,650	8,308	2,376	4,080	6,644	20,063	25,834	45,720	(D)	3,608	16,115
New York.....	64	21	1,751	5,525	1,556	2,575	4,382	16,124	19,904	35,624	163	2,759	12,933
East North Central.	46	24	3,057	9,517	2,811	4,931	7,744	17,539	19,319	36,518	398	3,831	15,518
Ohio.....	10	9	937	3,456	820	1,406	2,565	6,211	6,608	12,683	174	933	4,910
Illinois.....	10	5	1,108	3,058	1,047	1,807	2,590	5,410	4,887	9,981	147	1,471	5,045
Michigan.....	9	2	163	732	148	278	600	1,468	3,595	5,073	33	(³)	(³)
West North Central.	13	10	901	2,391	843	1,485	2,145	4,347	4,460	8,353	28	1,032	2,906
Missouri.....	5	5	622	1,638	599	1,056	1,535	2,783	2,698	5,499	12	461	753
South Atlantic....	11	7	1,678	4,663	1,579	3,086	4,414	6,382	8,334	14,522	180	1,388	5,398
North Carolina...	6	5	1,313	3,719	1,230	2,419	3,512	5,589	6,669	12,041	117	(³)	(³)
East South Central.	15	15	2,940	7,693	2,798	5,078	6,984	13,093	16,784	29,768	194	2,577	8,828
Tennessee.....	7	7	1,178	3,099	1,112	2,010	2,784	5,690	6,338	11,427	78	(³)	(³)
West South Central.	10	9	1,084	2,802	1,029	1,918	2,546	4,803	5,135	10,094	59	982	3,233
Texas.....	4	4	364	931	333	604	778	1,693	2,074	3,970	27	464	1,783
Pacific.....	12	4	251	704	230	360	532	1,315	1,403	2,707	23	302	1,299
	Subindustry 2381-11.—Fabric Dress And Work Gloves—MANUFACTURERS												
Total.....	171	94	12,060	34,210	11,237	20,161	29,647	63,416	75,350	138,054	1,075	13,023	49,942
New England.....	7	3	210	595	193	333	504	830	969	1,821	(D)	221	633
East North Central.	46	24	3,057	9,517	2,811	4,931	7,744	17,539	19,319	36,518	398	(³)	(³)
Ohio.....	10	9	937	3,456	820	1,406	2,565	6,211	6,608	12,683	174	933	4,910
Illinois.....	10	5	1,108	3,058	1,047	1,807	2,590	5,410	4,887	9,981	147	(³)	(³)
Michigan.....	9	2	163	732	148	278	600	1,468	3,595	5,073	33	(³)	(³)
West North Central.	13	10	901	2,391	843	1,485	2,145	4,347	4,460	8,353	28	1,032	2,906
Missouri.....	5	5	622	1,638	599	1,056	1,535	2,783	2,698	5,499	12	461	753
South Atlantic....	11	7	1,678	4,663	1,579	3,086	4,414	6,382	8,334	14,522	180	1,388	5,398
North Carolina...	6	5	1,313	3,719	1,230	2,419	3,512	5,589	6,669	12,041	117	(³)	(³)
West South Central.	10	9	1,084	2,802	1,029	1,918	2,546	4,803	5,135	10,094	59	982	3,233
Texas.....	4	4	364	931	333	604	778	1,693	2,074	3,970	27	464	1,783
Pacific.....	12	4	251	704	230	360	532	1,315	1,403	2,707	23	302	1,299
All other divisions	72	37	4,879	13,538	4,552	8,048	11,762	28,200	35,730	64,039	(D)	(³)	(³)
New York.....	43	15	1,254	3,655	1,139	1,846	3,071	11,845	15,059	24,934	145	2,052	9,672

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufac- ture, adjusted ²	Cost of materials	Value of shipments ²	Capital ex- pendi- tures, new	All em- ployees	Value added by manufac- ture, adjusted ²
	Total	With 20 employ- ees or more	Total	Payroll	Total	Man- hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2384.—ROBES AND DRESSING GOWNS													
Total.....	271	144	11,889	37,381	10,482	18,941	29,122	68,717	105,335	173,450	818	10,625	56,442
New England.....	11	6	628	1,716	551	959	1,457	3,424	3,872	7,429	42	1,255	6,879
Massachusetts....	8	4	352	1,027	317	569	857	1,787	2,247	3,963	8	681	3,209
Middle Atlantic....	205	105	7,006	24,231	6,043	10,397	17,964	46,371	82,116	127,982	459	6,471	36,447
New York.....	168	83	4,450	16,506	3,640	6,157	11,139	34,345	70,633	104,757	319	4,589	28,508
New Jersey.....	15	8	766	2,260	720	1,277	2,139	3,199	3,925	7,120	26	544	2,381
Pennsylvania.....	22	14	1,790	5,465	1,683	2,963	4,686	8,827	7,558	16,105	114	1,338	5,558
East North Central.	9	4	504	1,459	421	766	1,049	2,620	3,463	6,123	56	440	2,468
West North Central.	4	3	242	755	194	399	504	1,259	1,550	2,764	12		
South.....	32	23	3,335	8,629	3,136	6,103	7,659	14,340	12,619	26,757	245	2,204	9,188
South Carolina...	5	4	564	1,546	549	1,109	1,456	2,210	867	3,075	32	(³)	(³)
Florida.....	7	6	842	2,216	801	1,621	2,026	3,248	2,206	5,340	55	587	2,862
West.....	10	3	174	591	137	317	489	703	1,715	2,395	4	255	1,460
Subindustry 2384-11.—Robes And Dressing Gowns—MANUFACTURERS													
Total.....	100	52	5,532	17,056	4,897	9,055	13,736	31,390	38,813	69,920	402	5,252	29,399
Northeast.....	67	32	2,979	9,835	2,598	4,509	7,753	18,219	20,649	38,793	238	3,215	19,671
New York.....	48	22	1,344	4,757	1,128	1,953	3,599	9,248	9,443	18,771	-	1,661	10,613
All other divisions	33	20	2,553	7,221	2,299	4,546	5,983	13,171	18,164	31,127	167	2,037	9,728
Subindustry 2384-22.—Robes and Dressing Gowns—JOBBER													
Total.....	59	22	1,320	7,241	810	1,527	3,217	20,609	64,859	85,141	139	1,218	14,497
Northeast.....	54	22	1,308	7,178	807	1,521	3,195	20,366	64,264	84,301	(D)	(³)	(³)
All other divisions	5	-	12	63	3	6	22	243	595	840	(D)	(³)	(³)
Subindustry 2384-33.—Robes And Dressing Gowns—CONTRACTORS													
Total.....	112	70	5,037	13,084	4,775	8,359	12,169	16,718	1,663	18,389	277	4,155	12,546
Northeast.....	95	57	3,347	8,934	3,189	5,326	8,473	11,210	1,075	12,317	(D)	3,338	10,101
Pennsylvania.....	15	10	1,017	2,802	981	1,760	2,668	3,579	161	3,736	59	(³)	(³)
All other divisions	17	13	1,690	4,150	1,586	3,033	3,696	5,508	588	6,072	(D)	817	2,445
INDUSTRY 2385.—WATERPROOF OUTERGARMENTS													
Total.....	341	196	16,448	60,824	14,154	24,964	44,990	111,342	125,698	235,540	2,185	13,159	73,070
New England.....	46	33	3,496	13,014	3,087	5,134	9,966	22,382	22,144	43,459	302	2,887	13,275
Massachusetts....	37	27	3,003	11,379	2,653	4,341	8,652	19,929	19,271	38,193	277	2,626	12,067
Middle Atlantic....	234	126	7,352	27,526	6,318	11,052	20,367	50,550	69,539	120,033	629	7,011	41,307
New York.....	182	83	4,830	20,209	3,970	7,018	13,874	40,024	65,588	105,561	491	5,790	36,743
New Jersey.....	36	30	1,446	4,376	1,348	2,291	3,871	6,182	2,641	8,822	82	701	2,703
Pennsylvania.....	16	13	1,076	2,941	1,000	1,743	2,622	4,344	1,310	5,650	56	520	1,861
North Central.....	25	15	1,691	7,358	1,409	2,570	5,081	12,633	11,719	24,497	683	1,329	9,006
Illinois.....	4	3	268	835	237	414	626	1,398	1,058	2,491	7	(³)	(³)
Wisconsin.....	5	5	511	2,254	410	733	1,497	3,033	2,626	5,657	(D)	455	2,617
South.....	21	17	3,406	10,600	2,891	5,323	7,860	21,474	18,573	39,575	514	1,429	7,156
North Carolina...	3	3	298	778	269	474	638	1,174	306	1,476	19	(³)	(³)
Georgia.....	5	4	982	2,767	737	1,319	1,771	6,289	4,007	9,417	287	680	2,611
West.....	15	5	503	2,326	449	885	1,716	4,303	3,723	7,976	57	503	2,326
California.....	10	3	423	2,027	379	745	1,477	3,780	3,291	7,075	52	388	1,901

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2385-11.—Waterproof Outergarments—MANUFACTURERS													
Total.....	172	83	9,746	36,435	8,236	14,880	26,153	69,496	82,306	150,363	1,741	8,709	49,202
Northeast & North Central.....	144	67	6,676	25,660	5,678	10,015	18,441	47,182	60,106	106,364	1,174	7,174	40,945
Massachusetts....	17	12	1,799	7,227	1,521	2,514	5,004	13,714	17,822	30,490	210	1,787	8,858
New York.....	81	26	2,220	8,526	1,825	3,237	5,850	17,330	26,562	43,905	237	3,394	21,135
New Jersey.....	12	10	446	1,265	410	743	1,090	2,285	2,376	4,657	32	(³)	(³)
Illinois.....	4	3	268	835	237	414	626	1,398	1,058	2,491	7	(³)	(³)
Wisconsin.....	5	5	511	2,254	410	733	1,497	3,033	2,626	5,657	201	455	1,218
South.....	15	11	2,567	8,449	2,109	3,980	5,996	18,011	18,479	36,023	475	1,535	8,257
West.....	15	5	503	2,326	449	885	1,716	4,303	3,723	7,976	57		
California.....	10	3	423	2,027	379	745	1,477	3,780	3,291	7,075	52	388	1,901
Subindustry 2385-22.—Waterproof Outergarments—JOBBERS													
Total.....	52	14	779	5,387	361	686	1,849	15,488	41,507	56,888	122	475	8,960
New York.....	46	13	694	4,763	356	677	1,823	13,905	38,169	51,987	(D)	407	7,499
All other states...	6	1	85	624	5	9	26	1,583	3,338	4,901	(D)	68	1,461
Subindustry 2385-33.—Waterproof Outergarments—CONTRACTORS													
Total.....	117	99	5,923	19,002	5,557	9,398	16,988	26,358	1,883	28,289	322	3,975	14,908
Middle Atlantic:													
New York.....	55	44	1,916	6,920	1,789	3,104	6,201	8,789	857	9,669	(D)	1,989	8,109
All other states...	62	55	4,007	11,082	3,768	6,294	10,787	17,569	1,026	18,620	(D)	1,986	6,799
INDUSTRY 2386.—LEATHER AND SHEEPLINED CLOTHING													
Total.....	114	50	3,352	12,817	3,016	5,764	10,535	23,351	33,380	56,380	315	4,626	27,847
New England.....	13	7	619	2,122	556	1,026	1,739	3,682	4,248	7,804	(D)	990	5,452
Massachusetts....	10	5	401	1,326	355	586	1,037	2,556	2,704	5,184	(D)	678	3,594
Middle Atlantic....	70	31	1,876	7,976	1,661	3,213	6,473	14,765	23,249	37,777	(D)	2,366	15,375
New York.....	56	21	1,062	4,914	926	1,807	3,955	8,862	17,668	26,572	61	1,245	9,723
North Central.....	13	7	494	1,510	451	800	1,246	2,613	3,792	6,342	66	544	2,990
South and West.....	18	5	363	1,209	348	725	1,077	2,291	2,091	4,457	35	726	4,030
Subindustry 2386-11.—Leather And Sheeplined Clothing—MANUFACTURERS													
Total.....	89	39	2,691	10,441	2,423	4,649	8,604	19,185	26,078	45,014	301	3,739	22,631
New York.....	40	16	776	3,677	690	1,345	3,081	6,053	10,519	16,714	57	965	7,254
All other states...	49	23	1,915	6,764	1,733	3,304	5,523	13,132	15,559	28,300	244	2,774	15,377
Subindustry 2386-22.—Leather And Sheeplined Clothing—JOBBERS													
Total.....	5	1	57	398	23	41	112	1,839	6,968	8,703	-	60	1,873
Middle Atlantic....	5	1	57	398	23	41	112	1,839	6,968	8,703	-	60	1,873
New York.....	5	1	57	398	23	41	112	1,839	6,968	8,703	-	60	1,873
Subindustry 2386-33.—Leather And Sheeplined Clothing—CONTRACTORS													
Total.....	20	10	604	1,978	570	1,074	1,819	2,327	334	2,663	14	827	3,343
New York.....	11	4	229	839	213	421	762	970	181	1,155	4	(³)	(³)
All other states...	9	6	375	1,139	357	653	1,057	1,357	153	1,508	10	(³)	(³)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted ²	Cost of materials	Value of shipments ²	Capital expenditures, new	All employees	Value added by manufacture, adjusted ²
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2387.—APPAREL BELTS													
Total.....	389	141	9,841	35,590	8,295	15,240	24,843	62,172	46,222	108,600	697	10,150	53,726
New England.....	26	12	953	3,248	840	1,482	2,410	5,233	3,737	8,803	47	843	3,652
Massachusetts....	17	8	561	1,949	485	869	1,549	2,808	2,288	5,016	33	618	2,424
Middle Atlantic....	273	95	6,151	21,972	5,177	9,530	15,847	37,472	28,155	66,044	491	6,952	37,359
New York.....	243	85	5,255	19,390	4,388	8,100	13,867	33,594	25,237	59,214	450	5,495	30,650
New Jersey.....	8	4	299	879	259	491	677	1,327	1,182	2,542	(D)	395	1,338
Pennsylvania.....	22	6	597	1,703	530	939	1,303	2,551	1,736	4,288	(D)	1,062	5,371
North Central.....	23	6	578	2,091	514	945	1,535	5,075	3,937	9,136	22	759	4,593
Illinois.....	15	4	348	1,420	306	594	938	3,972	3,263	7,341	16	432	3,372
South.....	35	19	1,574	6,069	1,270	2,382	3,535	10,174	7,698	17,762	103	1,067	4,707
North Carolina...	5	5	468	1,750	398	718	1,038	2,943	2,001	4,911	50	(³)	(³)
Texas.....	12	8	838	3,382	643	1,257	1,856	5,489	4,331	9,779	13	791	3,348
West.....	32	9	585	2,210	494	901	1,516	4,218	2,695	6,855	34	529	3,415
Subindustries 2387-11 and -22.—Apparel Belts—MANUFACTURERS AND JOBBERS ⁴													
Total.....	327	122	8,866	32,324	7,418	13,696	22,325	57,376	44,114	101,669	669	(NA)	(NA)
Northeast.....	252	95	6,477	23,144	5,453	10,028	16,615	39,600	30,515	70,343	514		
New York.....	203	74	4,724	17,566	3,909	7,243	12,437	30,842	24,002	55,206	428		
North Central.....	20	5	526	1,903	466	858	1,368	4,789	3,779	8,684	22		
South.....	28	14	1,346	5,327	1,062	2,020	3,012	9,194	7,266	16,356	(D)		
West.....	27	8	517	1,950	437	790	1,330	3,793	2,554	6,286	(D)		
Subindustry 2387-33.—Apparel Belts—CONTRACTORS													
Total.....	62	19	975	3,266	877	1,544	2,518	4,796	2,108	6,931	28	(NA)	(NA)
Northeast.....	47	12	627	2,076	564	984	1,642	3,105	1,377	4,504	24		
New York.....	40	11	531	1,824	479	857	1,430	2,752	1,235	4,008	22		
North Central.....	3	1	52	188	48	87	167	286	158	452	-		
South.....	7	5	228	742	208	362	523	980	432	1,406	(D)		
West.....	5	1	68	260	57	111	186	425	141	569	(D)		
INDUSTRY 2389.—APPAREL, N. E. C.													
Total.....	270	108	7,225	25,553	6,181	10,985	19,231	43,211	52,721	98,173	517	7,525	41,262
New England.....	22	11	820	2,809	732	1,315	2,328	4,560	4,880	9,619	54	752	2,876
Rhode Island.....	5	3	230	635	209	314	534	901	1,932	2,989	(D)	316	1,266
Connecticut.....	4	3	279	1,190	266	545	1,040	2,012	1,774	3,780	10	(³)	(³)
Middle Atlantic....	175	70	4,393	16,235	3,746	6,658	12,004	29,567	40,677	71,358	358	4,568	27,683
New York.....	122	46	2,634	10,661	2,169	3,863	7,763	21,651	29,204	50,715	181	2,878	18,651
New Jersey.....	28	12	772	2,359	697	1,222	1,880	2,865	4,095	7,879	53	887	5,014
Pennsylvania.....	25	12	987	3,215	880	1,573	2,361	5,051	7,378	12,764	124	803	4,018
East North Central.	28	9	866	2,800	695	1,209	1,946	3,821	2,931	7,661	31	1,028	5,096
Ohio.....	11	3	428	1,412	335	594	945	1,829	1,126	3,819	18	(³)	(³)
Illinois.....	11	4	346	1,133	289	488	818	1,497	1,474	3,001	10	546	2,454
West North Central.	6	4	177	568	137	252	408	582	689	1,248	10	165	705
South & West.....	39	14	969	3,141	871	1,551	2,545	4,681	3,544	8,287	64	1,012	4,902
California.....	11	4	260	1,310	225	419	991	1,741	596	2,315	5	315	1,767

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufac- ture, adjusted ²	Cost of materials	Value of shipments ²	Capital ex- pendi- tures, new	All em- ployees	Value added by manufac- ture, adjusted
	Total	With 20 employ- ees or more	Total	Payroll	Total	Man- hours	Wages						
Subindustry 2389-11.—Apparel N.E.C.—MANUFACTURERS													
Total.....	241	93	6,431	23,372	5,492	9,826	17,521	38,713	48,284	89,382	466	6,224	33,298
Northeast.....	175	68	4,651	17,399	4,011	7,181	13,099	30,273	41,406	73,117	366	(³)	(³)
Rhode Island.....	5	3	230	635	209	314	534	901	1,932	2,989	(D)	316	200
New York.....	111	40	2,420	9,939	2,033	3,621	7,329	19,050	25,154	44,202	167	2,187	13,323
East North Central.	28	9	866	2,800	695	1,209	1,946	3,821	2,931	7,661	31	(³)	(³)
Ohio.....	11	3	428	1,412	335	594	945	1,829	1,126	3,819	18	(³)	(³)
Illinois.....	11	4	346	1,133	289	488	818	1,497	1,474	3,001	10	(³)	(³)
West North Central.	6	4	177	568	137	252	408	582	689	1,248	10	165	705
South & West.....	32	12	737	2,605	649	1,184	2,068	4,037	3,258	7,356	59	(³)	(³)
Subindustry 2389-22.—Apparel N.E.C.—JOBBERS													
Total.....	10	3	104	409	29	58	131	1,988	3,965	5,817	6	363	4,588
Middle Atlantic....	7	3	101	402	29	56	131	1,953	3,923	5,739	(D)	344	4,370
South & West.....	3	-	3	7	-	2	-	35	42	78	(D)	(³)	(³)
Subindustry 2389-33.—Apparel N.E.C.—CONTRACTORS													
Total.....	19	12	690	1,772	660	1,101	1,579	2,510	472	2,974	45	938	3,376
Northeast.....	15	10	461	1,243	438	736	1,102	1,901	228	2,121	(D)	(³)	(³)
South & West.....	4	2	219	529	222	365	477	609	234	853	(D)	(³)	(³)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2371, Fur Goods: New England—Massachusetts, 7 (20-99); Connecticut, 3 (1-19); Middle Atlantic—New Jersey, 4 (20-99); East North Central—Ohio, 2 (1-19); Michigan, 4 (20-99); Wisconsin, 7 (20-99); West North Central—Minnesota, 6 (20-99); Missouri, 2 (1-19); South Atlantic—Maryland, 3 (1-19); District of Columbia, 1 (1-19); Virginia, 1 (1-19); Florida, 1 (1-19); East South Central—Tennessee, 1 (20-99); Alabama, 1 (1-19); West South Central—Texas, 2 (1-19); Pacific—Washington, 3 (20-99); California, 65 (100-249).

SIC 2381, Fabric Dress and Work Gloves: New England—Massachusetts, 1 (20-99); Connecticut, 5 (20-99); Middle Atlantic—New Jersey, 9 (250-499); Pennsylvania, 10 (250-499); East North Central—Indiana, 9 (399); Wisconsin, 8 (461); West North Central—Minnesota, 2 (20-99); Iowa, 6 (100-249); South Atlantic—South Carolina, 1 (1-19); Georgia, 2 (250-499); Florida, 2 (20-99); East South Central—Kentucky, 1 (20-99); Alabama, 1 (20-99); Mississippi, 6; West South Central—Arkansas, 2 (250-499); Louisiana, 1 (100-249); Oklahoma, 2 (200-249); Pacific—Washington, 5 (100-249); Oregon, 2 (1-19); California, 4 (20-99); Hawaii, 1 (1-19).

SIC 2381-11, Fabric Dress and Work Gloves—Manufacturers: New England—Vermont, 1 (100-249); Massachusetts, 1 (20-99); Connecticut, 5 (20-99); Middle Atlantic—New Jersey, 7 (250-499); Pennsylvania, 8 (250-499); East North Central—Indiana, 9 (250-499); Wisconsin, 8 (250-499); West North Central—Minnesota, 2 (20-99); Iowa, 6 (100-249); South Atlantic—South Carolina, 1 (1-19); Georgia, 2 (250-499); Florida, 2 (20-99); East South Central—Kentucky, 1 (20-99); Tennessee, 6 (1,000-2,499); Alabama, 1 (500-999); Mississippi, 6 (1,000-2,499); West South Central—Arkansas, 3 (250-499); Louisiana, 1 (100-249); Oklahoma, 2 (100-249); Pacific—Washington, 5 (100-249); Oregon, 2 (1-19); California, 4 (20-99); Hawaii, 1 (1-19).

SIC 2384, Robes and Dressing Gowns: New England—Maine, 1 (100-249); Rhode Island, 2 (20-99); East North Central—Ohio, 2 (20-99); Illinois, 7 (250-499); West North Central—Minnesota, 1 (20-99); Missouri, 2 (20-99); Kansas, 1 (100-249); South Atlantic—Virginia, 7 (20-99); West Virginia, 1 (20-99); North Carolina, 2 (298); Florida, 4 (100-249); East South Central—Tennessee, 2 (250-499); Alabama, 1 (20-99); Mississippi, 2 (250-499); West South Central—Arkansas, 3 (572); Texas, 2 (1-19); Pacific—California, 9 (100-249).

SIC 2384-11, Robes and Dressing Gowns—Manufacturers: New England—Maine, 1 (100-249); Massachusetts, 6 (250-499); Rhode Island, 2 (20-99); Middle Atlantic—New Jersey, 5 (250-499); Pennsylvania, 5 (500-999); East North Central—Ohio, 1 (20-99); Illinois, 4 (250-499); West North Central—Minnesota, 1 (20-99); Missouri, 2 (20-99); Kansas, 1 (100-249); South Atlantic—Virginia, 1 (20-99); West Virginia, 1 (20-99); North Carolina, 1 (100-249); South Carolina, 2 (100-249); Georgia, 4 (250-499); Florida, 3 (20-99); East South Central—Mississippi, 1 (100-249); West South Central—Arkansas, 2 (500-999); Texas, 2 (1-19); Mountain—Arizona, 1 (1-19); Pacific—California, 6 (100-249).

SIC 2384-22, Robes and Dressing Gowns—Jobbers: New England—Massachusetts, 1 (1-19); Middle Atlantic—New York, 51 (1,000-2,499); Pennsylvania, 2 (100-249); Middle Atlantic—New York, 51 (1,000-2,499); Pennsylvania, 2 (100-249); East North Central—Ohio, 1 (1-19); Illinois, 2 (1-19); Pacific—California, 2 (1-19).

SIC 2384-33, Robes and Dressing Gowns—Contractors: New England—Massachusetts, 1 (20-99); Middle Atlantic—New York, 69 (1,000-2,499); New Jersey, 10 (250-499); East North Central—Illinois, 1 (1-19); South Atlantic—Virginia, 1 (1-19); North Carolina, 2 (20-99); South Carolina, 3 (250-499); Georgia, 3 (250-499); East South Central—Tennessee, 2 (250-499); Alabama, 1 (20-99); Mississippi, 1 (100-249); West South Central—Arkansas, 1 (20-99); Pacific—California, 1 (1-19).

SIC 2385, Waterproof Outer garments: New England—Rhode Island, 4 (127); Connecticut, 5 (366); East North Central—Ohio, 6 (137); Indiana, 4 (250-499); Michigan, 3 (100-249); West North Central—Iowa, 1 (1-19); Missouri, 2 (100-249); South Atlantic—Maryland, 4 (1,000-2,499); South Carolina, 1 (1-19); East South Central—Tennessee, 2 (100-249); Alabama, 2 (250-499); Mississippi, 2 (20-99); West South Central—Arkansas, 1 (20-99); Mountain—Colorado, 1 (1-19); Pacific—Washington, 2 (20-99); Oregon, 2 (20-99).

SIC 2385-11, Waterproof Outer garments—Manufacturers: New England—Rhode Island, 4 (100-249); Connecticut, 3 (100-249); Middle Atlantic—Pennsylvania, 3 (250-499); East North Central—Ohio, 5 (100-249); Indiana, 4 (250-499); Michigan, 2 (100-249); West North Central—Iowa, 7 (1-19); Missouri, 1 (20-99); South Atlantic—Maryland, 3 (1,000-2,499); North Carolina, 1 (20-99); South Carolina, 1 (1-19); Georgia, 4 (500-999); Florida, 1 (1-19); East South Central—Tennessee, 1 (20-99); Alabama, 1 (250-499); Mississippi, 2 (20-99); West South Central—Arkansas, 1 (20-99); Mountain—Colorado, 1 (1-19); Pacific—Washington, 2 (20-99); Oregon, 2 (20-99).

SIC 2385-22, Waterproof Outer garments—Jobbers: New England—Massachusetts, 3 (1-19); Middle Atlantic—New Jersey, 1 (1-19); East North Central—Ohio, 1 (1-19); Michigan, 1 (20-99).

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-23D—Continued

SIC 2385-33, Waterproof Outergarments-Contractors: New England-Massachusetts, 17 (1,000-2,499); Connecticut, 2 (100-249); Middle Atlantic-Pennsylvania, 13 (500-999); West North Central-Missouri, 1 (20-99); South Atlantic-Maryland, 1 (250-499); North Carolina, 2 (250-499); Georgia, 1 (20-99); East South Central-Alabama, 1 (100-249).

SIC 2386, Leather and Sheeplined Clothing: New England-New Hampshire, 1 (1-19); Connecticut, 2 (100-249); Middle Atlantic-New Jersey, 12 (500-999); Pennsylvania, 2 (100-249); East North Central-Ohio, 1 (100-249); Illinois, 4 (20-99); Michigan, 1 (20-99); Wisconsin, 2 (1-19); West North Central-Minnesota, 1 (1-19); Iowa, 1 (20-99); Missouri, 2 (100-249); Nebraska, 1 (1-19); East South Central-Tennessee, 2 (20-99); West South Central-Oklahoma, 2 (100-249); Texas, 1 (1-19); Mountain-Colorado, 1 (1-19); New Mexico, 1 (20-99); Arizona, 1 (1-19); Pacific-Oregon, 1 (1-19); California, 9 (20-99).

SIC 2386-11, Leather and Sheeplined Clothing-Manufacturers: New England-New Hampshire, 1 (1-19); Massachusetts, 9 (250-499); Connecticut, 1 (100-249); Middle Atlantic-New Jersey, 8 (250-499); Pennsylvania, 2 (100-249); East North Central-Ohio, 1 (100-249); Illinois, 3 (20-99); Michigan, 1 (20-99); Wisconsin, 2 (1-19); West North Central-Minnesota, 1 (1-19); Iowa, 1 (20-99); Missouri, 2 (100-249); East South Central-Tennessee, 2 (20-99); West South Central-Oklahoma, 2 (100-249); Texas, 1 (1-19); Mountain-New Mexico, 1 (20-99); Arizona, 1 (1-19); Pacific-Oregon, 1 (1-19).

SIC 2386-33, Leather and Sheeplined Clothing-Contractors: New England-Massachusetts, 1 (1-19); Connecticut, 1 (20-99); Middle Atlantic-New Jersey, 4 (250-499); East North Central-Illinois, 1 (20-99); West North Central-Nebraska, 1 (1-19); Mountain-Colorado, 1 (1-19).

SIC 2387, Apparel Belts: New England-Rhode Island, 2 (1-19); Connecticut, 7 (250-499); East North Central-Ohio, 4 (160); Wisconsin, 2 (20-99); West North Central-Missouri, 1 (1-19); South Atlantic-Maryland, 5 (20-00); Virginia, 1 (1-19); South Carolina, 1 (20-99); East South Central-Alabama, 1 (1-19); West South Central-Louisiana, 3 (1-19); Oklahoma, 1 (20-99); Mountain-Arizona, 1 (20-99); Pacific-California, 30 (500-999); Hawaii, 1 (1-19).

SIC 2387-11 & 2387-22, Apparel Belts-Manufacturers and Jobbers: New England-Massachusetts, 16 (500-999); Rhode Island, 1 (1-19); Connecticut, 7 (250-499); Middle Atlantic-New Jersey, 7 (250-499); Pennsylvania, 18 (500-999); East North Central-Ohio, 3 (100-249); Illinois, 13 (250-499); Wisconsin, 3 (20-99); West North Central-Missouri, 1 (1-19); South Atlantic-Maryland, 5 (20-99); Virginia, 1 (1-19); North Carolina, 3 (250-499); Georgia, 2 (20-99); Florida, 3 (20-99); East South Central-Alabama, 1 (1-19); West South Central-Louisiana, 3 (1-19); Oklahoma, 1 (20-99); Texas, 9 (500-999); Mountain-Arizona, 1 (20-99); Pacific-California, 26 (250-499).

SIC 2387-33, Apparel Belts-Contractors: New England-Massachusetts, 1 (1-19); Middle Atlantic-New Jersey, 1 (1-19); Pennsylvania, 4 (20-99); East North Central-Ohio, 1 (1-19); Illinois, 2 (20-99); South Atlantic-North Carolina, 2 (20-99); South Carolina, 1 (20-99); Georgia, 1 (1-19); Pacific-California, 4 (20-99); Hawaii, 1 (1-19).

SIC 2389, Apparel, N.E.C.: New England-Maine, 1 (20-99); New Hampshire, 1 (20-99); Massachusetts, 11 (250-499); East North Central-Indiana, 2 (1-19); Michigan, 1 (20-99); Wisconsin, 3 (20-99); West North Central-Minnesota, 12 (20-99); Missouri, 3 (111); Nebraska, 1 (20-99); South Atlantic-Maryland, 1 (20-99); Virginia, 1 (20-99); North Carolina, 3 (229); South Carolina, 3 (178); Georgia, 3 (20-99); Florida, 3 (1-19); East South Central-Tennessee, 1 (20-99); Alabama, 1 (1-19); West South Central-Louisiana, 4 (1-19); Texas, 5 (1-19); Mountain-Colorado, 1 (1-19); Pacific-Oregon, 1 (1-19); Hawaii, 1 (1-19).

SIC 2389-11, Apparel, N.E.C.-Manufactures: New England-New Hampshire, 1 (20-99); Massachusetts, 11 (250-499); Connecticut, 3 (250-499); Middle Atlantic-New Jersey, 21 (500-999); Pennsylvania, 23 (500-999); East North Central-Indiana, 2 (1-19); Michigan, 1 (20-99); Wisconsin, 3 (20-99); West North Central-Minnesota, 2 (20-99); Missouri, 3 (100-249); Nebraska, 1 (20-99); South Atlantic-Maryland, 1 (20-99); Virginia, 1 (20-99); North Carolina, 2 (20-99); South Carolina, 2 (100-249); Georgia, 2 (20-99); Florida, 2 (1-19); East South Central-Tennessee, 1 (20-99); Alabama, 1 (1-19); West South Central-Louisiana, 3 (1-19); Texas, 5 (1-19); Pacific-Oregon, 1 (1-19); California, 10 (100-249); Hawaii, 1 (1-19).

SIC 2389-22, Apparel, N.E.C.-Jobbers: Middle Atlantic-New York, 6 (100-249); New Jersey, 1 (1-19); South Atlantic-Florida, 1 (1-19); West South Central-Louisiana, 4 (1-19); Mountain-Colorado, 1 (1-19).

SIC 2389-33, Apparel, N.E.C.-Contractors: New England-Maine, 1 (20-99); Connecticut, 1 (1-19); Middle Atlantic-New York, 5 (100-249); New Jersey, 6 (250-499); Pennsylvania, 2 (20-99); South Atlantic-North Carolina, 1 (100-249); South Carolina, 1 (20-99); Georgia, 1 (1-19); Pacific-California, 1 (1-19).

² See text regarding comparability of 1963 data with earlier years.

³ This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

⁴ Data for manufacturers and jobbers are combined to avoid disclosure of figures for individual companies.

TABLE 3. Detailed Statistics: 1963

Item	Fur goods (SIC 2371)	Fabric dress and work gloves (SIC 2381)			
		Total	Manufacturers (SIC 2381-11)	Jobbers (SIC 2381-22)	Contractors (SIC 2381-33)
Primary product specialization ratio ¹.....	.99	.94	(NA)	(NA)	(NA)
Coverage ratio ²	1.00	.82	(NA)	(NA)	(NA)
Establishments, total.....number..	1,591	197	171	6	20
With 1 to 19 employees.....do....	1,497	94	77	4	13
With 20 to 99 employees.....do....	92	66	58	1	7
With 100 employees or more.....do....	2	37	36	1	-
Proprietors and working partners.....do....	1,085	83	(NA)	(NA)	(NA)
All employees (average for the year).....do....	9,289	12,771	12,060	297	414
Payroll (all employees), total for year.....\$1,000..	55,961	36,673	34,210	1,207	1,256
Production workers:					
Average for the year.....number..	7,700	11,859	11,237	224	398
March.....do....	6,241	11,912	11,265	222	425
May.....do....	7,571	11,789	11,232	152	405
August.....do....	8,538	11,893	11,246	242	405
November.....do....	8,450	11,842	11,205	280	357
Man-hours.....1,000..	14,484	21,271	20,161	386	724
January-March.....do....	2,909	5,271	4,967	101	203
April-June.....do....	3,520	5,402	5,148	68	186
July-September.....do....	4,010	5,155	4,876	108	171
October-December.....do....	4,045	5,443	5,170	109	164
Wages.....\$1,000..	45,591	31,513	29,647	694	1,172
Cost of materials, etc., total.....do....	225,237	82,238	75,350	6,679	209
Materials, parts, containers, and supplies consumed.....do....	216,947	63,088	59,584	3,314	190
Cost of resales.....do....	4,102	13,555	13,362	193	-
Fuels consumed.....do....	174	195	182	8	5
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	56	15	14	(³)	1
Cost.....\$1,000..	1,019	294	278	8	8
Generated less sold.....million kw.-hrs..	(D)	(D)	(D)	-	-
Contract work.....\$1,000..	2,995	5,106	1,944	3,156	6
Value of shipments (including resales), total.....do....	334,414	149,503	138,054	9,170	2,279
Value of resales.....do....	4,872	18,672	18,452	220	-
Value added by manufacture, adjusted.....do....	110,619	68,372	63,416	3,029	1,927
Manufacturers' inventories:					
Beginning of year, total.....do....	41,011	25,773	23,612	1,908	253
Finished products.....do....	27,685	12,712	11,898	684	130
Work-in-process.....do....	3,027	4,505	4,051	373	81
Materials, supplies, fuel, etc.....do....	10,299	8,556	7,663	851	42
End of year, total.....do....	42,862	26,035	23,396	2,559	80
Finished products.....do....	28,779	13,409	12,321	1,042	46
Work-in-process.....do....	3,350	4,469	3,894	553	22
Materials, supplies, fuel, etc.....do....	10,733	8,157	7,181	964	12
Expenditures for plant and equipment, total.....do....	1,295	1,159	1,142	7	10
New, total.....do....	1,245	1,092	1,075	7	10
New structures and additions to plant.....do....	80	341	341	-	-
New machinery and equipment.....do....	1,165	751	734	7	10
Used plant and equipment.....do....	50	67	67	-	-
Selected operating ratios:					
Payroll/Total employment.....	6,024	2,872	2,837	4,064	3,034
Production workers/Total employment.....	.83	.93	.93	.75	.96
Man-hours/Production workers.....	1,887	1,794	1,794	1,723	1,819
Production worker wages/Man-hours.....	3.15	1.48	1.47	1.80	1.62
Cost of materials and payrolls/Total value of shipments....	.84	.80	.79	.86	.64
Cost of materials/Total value of shipments.....	.67	.55	.55	.73	.09
Adjusted value added/Total employment.....	11,909	5,354	5,258	10,199	4,655
Salaries and wages/Adjusted value added.....	.51	.54	.54	.40	.65

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Robes and dressing gowns (SIC 2384)				Waterproof outer garments (SIC 2385)			
	Total	Manufacturers (SIC 2384-11)	Jobbers (SIC 2384-22)	Contractors (SIC 2384-33)	Total	Manufacturers (SIC 2385-11)	Jobbers (SIC 2385-22)	Contractors (SIC 2385-33)
Primary product specialization ratio ¹.....	.96	(NA)	(NA)	(NA)	.92	(NA)	(NA)	(NA)
Coverage ratio ².....	.94	(NA)	(NA)	(NA)	.93	(NA)	(NA)	(NA)
Establishments, total.....number..	271	100	59	112	341	172	52	117
With 1 to 19 employees.....do....	127	48	37	42	145	89	38	18
With 20 to 99 employees.....do....	114	36	19	59	162	60	13	89
With 100 employees or more.....do....	30	16	3	11	34	23	1	10
Proprietors and working partners.....do....	140	(NA)	(NA)	(NA)	112	(NA)	(NA)	(NA)
All employees (average for the year).....do....	11,889	5,532	1,320	5,037	16,448	9,746	779	5,923
Payroll (all employees), total for year.....\$1,000..	37,381	17,056	7,241	13,084	60,824	36,435	5,387	19,002
Production workers:								
Average for the year.....number..	10,482	4,897	810	4,775	14,154	8,236	361	5,557
March.....do....	9,999	4,609	782	4,608	14,019	8,048	344	5,627
May.....do....	9,851	4,590	719	4,542	13,642	8,254	344	5,044
August.....do....	10,761	5,020	819	4,922	14,974	8,336	399	6,239
November.....do....	11,317	5,369	920	5,028	13,981	8,306	357	5,318
Man-hours.....1,000..	18,941	9,055	1,527	8,359	24,964	14,880	686	9,398
January-March.....do....	4,185	1,999	351	1,835	6,035	3,607	159	2,269
April-June.....do....	4,503	2,168	355	1,980	6,203	3,858	164	2,181
July-September.....do....	4,889	2,359	381	2,149	6,471	3,679	197	2,595
October-December.....do....	5,364	2,529	440	2,395	6,255	3,736	166	2,353
Wages.....\$1,000..	29,122	13,736	3,217	12,169	44,990	26,153	1,849	16,988
Cost of materials, etc., total.....do....	105,335	38,813	64,859	1,663	125,698	82,308	41,507	1,883
Materials, parts, containers, and supplies consumed.....do....	80,188	35,404	43,471	1,313	89,695	64,482	23,654	1,559
Cost of resales.....do....	588	178	410	-	2,364	2,236	128	-
Fuels consumed.....do....	97	69	-	28	255	155	4	96
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	18	10	2	6	31	21	2	8
Cost.....\$1,000..	359	209	42	108	601	408	43	150
Generated less sold.....million kw.-hrs..	(D)	-	(D)	-	(D)	-	(D)	(D)
Contract work.....\$1,000..	24,103	2,953	20,936	214	32,783	15,027	17,678	78
Value of shipments (including resales), total.....do....	173,450	69,920	85,141	18,389	235,540	150,363	56,888	28,289
Value of resales.....do....	1,047	347	700	-	3,069	2,939	130	-
Value added by manufacture, adjusted.....do....	68,717	31,390	20,609	16,718	111,342	69,496	15,488	26,358
Manufacturers' inventories:								
Beginning of year, total.....do....	12,774	6,340	5,873	561	18,833	14,984	3,490	359
Finished products.....do....	5,872	3,082	2,608	182	9,391	7,328	1,956	107
Work-in-process.....do....	3,344	961	2,214	169	3,686	3,029	520	137
Materials, supplies, fuel, etc.....do....	3,558	2,297	1,051	210	5,756	4,627	1,014	115
End of year, total.....do....	13,582	6,761	6,293	528	21,010	17,025	3,688	297
Finished products.....do....	6,327	3,251	2,953	123	10,733	8,586	2,050	97
Work-in-process.....do....	3,491	1,075	2,196	220	3,844	3,212	533	99
Materials, supplies, fuel, etc.....do....	3,764	2,435	1,144	185	6,433	5,227	1,105	101
Expenditures for plant and equipment, total.....do....	867	436	140	291	2,224	1,760	123	341
New, total.....do....	818	402	139	277	2,185	1,741	122	322
New structures and additions to plant.....do....	165	85	31	49	989	908	40	41
New machinery and equipment.....do....	653	317	108	228	1,196	833	82	281
Used plant and equipment.....do....	49	34	1	14	39	19	1	19
Selected operating ratios:								
Payroll/Total employment.....	3,144	3,083	5,486	2,598	3,698	3,738	6,915	3,208
Production workers/Total employment.....	.88	.89	.61	.95	.86	.85	.46	.94
Man-hours/Production workers.....	1,807	1,849	1,885	1,751	1,764	1,807	1,900	1,691
Production worker wages/Man-hours.....	1.54	1.52	2.11	1.46	1.80	1.76	2.70	1.81
Cost of materials and payrolls/Total value of shipments.....	.82	.80	.85	.80	.79	.79	.82	.74
Cost of materials/Total value of shipments.....	.61	.56	.76	.09	.53	.55	.73	.07
Adjusted value added/Total employment.....	5,780	5,674	15,613	3,319	6,769	7,131	19,882	4,450
Salaries and wages/Adjusted value added.....	.54	.54	.35	.78	.55	.52	.35	.72

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Leather and sheeplined clothing (SIC 2386)				Apparel belts (SIC 2387)		
	Total	Manufacturers (SIC 2386-11)	Jobbers (SIC 2386-22)	Contractors (SIC 2386-33)	Total	Manufacturers and jobbers ⁴ (SIC 2387-11 and 2387-22)	Contractors (SIC 2387-33)
Primary product specialization ratio ¹.....	.97	(NA)	(NA)	(NA)	.91	(NA)	(NA)
Coverage ratio ².....	.83	(NA)	(NA)	(NA)	.94	(NA)	(NA)
Establishments, total.....number..	114	89	5	20	389	327	62
With 1 to 19 employees.....do....	64	50	4	10	248	205	43
With 20 to 99 employees.....do....	43	32	1	10	126	107	19
With 100 employees or more.....do....	7	7	-	-	15	15	-
Proprietors and working partners.....do....	47	(NA)	(NA)	(NA)	185	(NA)	(NA)
All employees (average for the year).....do....	3,352	2,691	57	604	9,841	8,866	975
Payroll (all employees), total for year.....\$1,000..	12,817	10,441	398	1,978	35,590	32,324	3,266
Production workers:							
Average for the year.....number..	3,016	2,423	23	570	8,295	7,418	877
March.....do....	2,581	2,124	21	436	8,700	7,762	938
May.....do....	2,804	2,305	19	480	8,346	7,406	940
August.....do....	3,352	2,638	27	687	8,277	7,411	866
November.....do....	3,327	2,623	26	678	7,856	7,091	765
Man-hours.....1,000..	5,764	4,649	41	1,074	15,240	13,696	1,544
January-March.....do....	1,165	958	10	197	3,967	3,547	420
April-June.....do....	1,365	1,124	9	232	3,898	3,492	406
July-September.....do....	1,610	1,267	10	333	3,707	3,326	381
October-December.....do....	1,624	1,300	12	312	3,668	3,331	337
Wages.....\$1,000..	10,535	8,604	112	1,819	24,843	22,325	2,518
Cost of materials, etc., total.....do....	33,380	26,078	6,968	334	46,222	44,114	2,108
Materials, parts, containers, and supplies consumed.....do....	27,978	24,221	3,471	286	39,284	37,272	2,012
Cost of resales.....do....	2,562	543	2,005	14	4,426	4,426	-
Fuels consumed.....do....	48	44	-	4	90	88	2
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	6	4	(³)	1	20	19	1
Cost.....\$1,000..	110	82	3	25	285	264	21
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-	-	-	-
Contract work.....\$1,000..	2,682	1,188	1,489	5	2,137	2,064	73
Value of shipments (including resales), total.....do....	56,380	45,014	8,703	2,663	108,600	101,669	6,931
Value of resales.....do....	3,187	798	2,374	15	7,343	7,343	-
Value added by manufacture, adjusted.....do....	23,351	19,185	1,839	2,327	62,172	57,376	4,796
Manufacturers' inventories:							
Beginning of year, total.....do....	4,852	4,356	427	69	11,378	10,919	459
Finished products.....do....	1,991	1,752	221	18	4,696	4,631	65
Work-in-process.....do....	813	674	107	32	1,864	1,833	31
Materials, supplies, fuel, etc.....do....	2,048	1,930	99	19	4,818	4,455	363
End of year, total.....do....	5,472	4,801	600	71	10,935	10,622	313
Finished products.....do....	2,301	2,016	264	21	4,597	4,551	46
Work-in-process.....do....	854	659	168	27	1,757	1,734	23
Materials, supplies, fuel, etc.....do....	2,317	2,126	168	23	4,581	4,337	244
Expenditures for plant and equipment, total.....do....	331	317	-	14	778	737	41
New, total.....do....	315	301	-	14	697	669	28
New structures and additions to plant.....do....	76	70	-	6	19	19	-
New machinery and equipment.....do....	239	231	-	8	678	650	28
Used plant and equipment.....do....	16	16	-	-	81	68	13
Selected operating ratios:							
Payroll/Total employment.....	3,824	3,880	6,982	3,275	3,617	3,646	3,350
Production workers/Total employment.....	.90	.90	.40	.94	.84	.84	.90
Man-hours/Production workers.....	1,911	1,919	1,783	1,884	1,837	1,846	1,761
Production worker wages/Man-hours.....	1.83	1.85	2.73	1.69	1.63	1.63	1.63
Cost of materials and payrolls/Total value of shipments.....	.82	.81	.85	.87	.75	.75	.78
Cost of materials/Total value of shipments.....	.59	.58	.80	.13	.43	.43	.30
Adjusted value added/Total employment.....	6,966	7,129	32,263	3,853	6,318	6,471	4,919
Salaries and wages/Adjusted value added.....	.55	.54	.22	.85	.57	.56	.68

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Apparel, n.e.c. (SIC 2389)			
	Total	Manufacturers (SIC 2389-11)	Jobbers (SIC 2389-22)	Contractors (SIC 2389-33)
Primary product specialization ratio ¹.....	.93	(NA)	(NA)	(NA)
Coverage ratio ².....	.82	(NA)	(NA)	(NA)
Establishments, total.....number..	270	241	10	19
With 1 to 19 employees.....do....	162	148	7	7
With 20 to 99 employees.....do....	95	81	3	11
With 100 employees or more.....do....	13	12	-	1
Proprietors and working partners.....do....	136	(NA)	(NA)	(NA)
All employees (average for the year).....do....	7,225	6,431	104	690
Payroll (all employees), total for year.....\$1,000..	25,553	23,372	409	1,772
Production workers:				
Average for the year.....number..	6,181	5,492	29	660
March.....do....	6,028	5,325	28	675
May.....do....	6,387	5,719	25	643
August.....do....	6,243	5,522	28	693
November.....do....	6,068	5,401	37	630
Man-hours.....1,000..	10,985	9,826	58	1,101
January-March.....do....	2,712	2,421	14	277
April-June.....do....	2,897	2,603	12	282
July-September.....do....	2,746	2,447	13	286
October-December.....do....	2,630	2,355	19	256
Wages.....\$1,000..	19,231	17,521	131	1,579
Cost of materials, etc., total.....do....	52,721	48,284	3,965	472
Materials, parts, containers, and supplies consumed.....do....	43,768	40,751	2,583	434
Cost of resales.....do....	2,226	2,068	158	-
Fuels consumed.....do....	111	95	11	5
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	12	11	(³)	1
Cost.....\$1,000..	250	220	5	25
Generated less sold.....million kw.-hrs..	(D)	(D)	-	-
Contract work.....\$1,000..	6,366	5,150	1,208	8
Value of shipments (including resales), total.....do....	98,173	89,382	5,817	2,974
Value of resales.....do....	2,943	2,784	159	-
Value added by manufacture, adjusted.....do....	43,211	38,713	1,988	2,510
Manufacturers' inventories:				
Beginning of year, total.....do....	21,130	20,136	901	93
Finished products.....do....	11,141	10,557	556	28
Work-in-process.....do....	2,774	2,668	85	21
Materials, supplies, fuel, etc.....do....	7,215	6,911	260	44
End of year, total.....do....	18,245	17,118	1,027	100
Finished products.....do....	9,487	8,773	689	25
Work-in-process.....do....	2,187	2,067	88	32
Materials, supplies, fuel, etc.....do....	6,571	6,278	250	43
Expenditures for plant and equipment, total.....do....	529	475	6	48
New, total.....do....	517	466	6	45
New structures and additions to plant.....do....	149	144	3	2
New machinery and equipment.....do....	368	322	3	43
Used plant and equipment.....do....	12	9	-	3
Selected operating ratios:				
Payroll/Total employment.....	3,537	3,634	3,933	2,568
Production workers/Total employment.....	.86	.85	.28	.96
Man-hours/Production workers.....	1,777	1,789	2,000	1,668
Production worker wages/Man-hours.....	1.75	1.78	2.26	1.43
Cost of materials and payrolls/Total value of shipments....	.80	.80	.75	.75
Cost of materials/Total value of shipments.....	.54	.54	.68	.16
Adjusted value added/Total employment.....	5,981	6,020	19,115	3,638
Salaries and wages/Adjusted value added.....	.59	.60	.21	.71

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Less than 500 thousand kw.-hrs.

⁴Data for manufacturers and jobbers are combined to avoid disclosing figures for individual companies.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2371.—FUR GOODS											
Establishments.....number..	1,591	1,016	309	172	81	11	2	-	-	-	-
All employees:											
Total.....do.....	9,289	1,705	2,010	2,323	2,257	994	(D)	-	-	-	-
Payroll.....\$1,000..	55,961	8,749	11,742	14,263	14,973	6,234	(D)	-	-	-	-
Value added, adjusted.....do....	110,619	22,306	22,301	24,491	32,043	9,478	(D)	-	-	-	-
Value of shipments.....do.....	334,414	67,204	73,051	82,209	83,071	28,879	(D)	-	-	-	-
Capital expenditures, new...do....	1,245	410	295	232	209	92	(D)	-	-	-	-
INDUSTRY 2381.—FABRIC DRESS AND WORK GLOVES											
Establishments.....number..	197	44	21	29	31	35	26	10	1	-	-
All employees:											
Total.....do.....	12,771	92	128	404	1,015	2,566	4,379	4,187	(D)	-	-
Payroll.....\$1,000..	36,673	281	438	1,307	3,328	7,001	12,078	12,240	(D)	-	-
Value added, adjusted.....do....	68,372	722	897	3,023	5,032	11,649	27,309	19,740	(D)	-	-
Value of shipments.....do.....	149,503	2,744	2,595	6,716	14,684	27,315	52,983	42,466	(D)	-	-
Capital expenditures, new...do....	1,092	6	6	24	82	181	417	376	(D)	-	-
Subindustry 2381-11.—Fabric Dress and Work Gloves—MANUFACTURERS											
Establishments.....number..	171	37	15	25	25	33	25	10	1	-	-
All employees:											
Total.....do.....	12,060	74	90	355	7,351	(D)	(D)	4,187	(D)	-	-
Payroll.....\$1,000..	34,210	211	258	1,036	20,465	(D)	(D)	12,240	(D)	-	-
Value added, adjusted.....do....	63,416	506	644	2,338	40,188	(D)	(D)	19,740	(D)	-	-
Value of shipments.....do.....	138,054	2,290	1,087	4,663	87,548	(D)	(D)	42,466	(D)	-	-
Capital expenditures, new...do....	1,075	3	4	18	674	(D)	(D)	376	(D)	-	-
INDUSTRY 2384.—ROBES AND DRESSING GOWNS											
Establishments.....number..	271	52	30	45	86	28	25	5	-	-	-
All employees:											
Total.....do.....	11,889	110	193	629	2,926	1,959	4,309	1,763	-	-	-
Payroll.....\$1,000..	37,381	625	654	2,234	10,172	5,546	13,071	5,079	-	-	-
Value added, adjusted.....do....	68,717	2,434	1,509	4,912	19,251	8,892	23,088	8,631	-	-	-
Value of shipments.....do.....	173,450	9,704	5,229	14,834	60,016	15,147	49,277	19,243	-	-	-
Capital expenditures, new...do....	818	9	21	52	174	158	358	46	-	-	-
Subindustry 2384-11.—Robes and Dressing Gowns—MANUFACTURERS											
Establishments.....number..	100	20	15	13	23	13	12	4	-	-	-
All employees:											
Total.....do.....	5,532	42	96	193	766	921	3,514	(D)	-	-	-
Payroll.....\$1,000..	17,056	182	274	521	2,304	3,056	10,719	(D)	-	-	-
Value added, adjusted.....do....	31,390	285	548	997	4,561	5,601	19,398	(D)	-	-	-
Value of shipments.....do.....	69,920	952	1,171	1,900	9,277	11,652	44,968	(D)	-	-	-
Capital expenditures, new...do....	402	7	16	17	61	126	175	(D)	-	-	-
Subindustry 2384-22.—Robes and Dressing Gowns—JOBBERs											
Establishments.....number..	59	22	7	8	19	-	3	-	-	-	-
All employees:											
Total.....do.....	1,320	47	41	116	625	-	491	-	-	-	-
Payroll.....\$1,000..	7,241	347	245	809	4,054	-	1,786	-	-	-	-
Value added, adjusted.....do....	20,609	1,996	778	2,543	9,985	-	5,307	-	-	-	-
Value of shipments.....do.....	85,141	8,582	3,820	11,328	45,242	-	16,169	-	-	-	-
Capital expenditures, new...do....	139	5	(D)	18	67	-	49	-	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2384-33.—Robes and Dressing Gowns—CONTRACTORS											
Establishments.....number..	112	10	8	24	44	15	10	1	-	-	-
All employees:											
Total.....do....	5,037	21	56	320	1,535	1,038	2,067	(D)	-	-	-
Payroll.....\$1,000..	13,084	96	135	904	3,814	2,490	5,645	(D)	-	-	-
Value added, adjusted.....do....	16,718	153	183	1,372	4,705	3,291	7,014	(D)	-	-	-
Value of shipments.....do....	18,389	170	238	1,606	5,497	3,495	7,383	(D)	-	-	-
Capital expenditures, new...do....	277	2	(D)	17	46	32	180	(D)	-	-	-
INDUSTRY 2385.—WATERPROOF OUTERGARMENTS											
Establishments.....number..	341	53	35	57	103	59	22	9	3	-	-
All employees:											
Total.....do....	16,448	101	243	810	3,287	4,007	3,345	2,814	1,841	-	-
Payroll.....\$1,000..	60,824	540	1,188	3,511	13,098	13,260	11,883	10,328	7,016	-	-
Value added, adjusted.....do....	111,342	1,503	3,033	7,285	22,188	22,221	20,751	19,741	14,620	-	-
Value of shipments.....do....	235,540	7,171	10,423	23,347	54,870	39,345	36,831	39,161	24,392	-	-
Capital expenditures, new...do....	2,185	24	27	69	254	354	761	370	326	-	-
Subindustry 2385-11.—Waterproof Outergarments—MANUFACTURERS											
Establishments.....number..	172	36	22	31	37	23	13	7	3	-	-
All employees:											
Total.....do....	9,746	71	150	446	1,136	6,102	(D)	(D)	1,841	-	-
Payroll.....\$1,000..	36,435	318	481	1,509	4,149	22,962	(D)	(D)	7,016	-	-
Value added, adjusted.....do....	69,496	562	1,165	3,054	7,260	42,835	(D)	(D)	14,620	-	-
Value of shipments.....do....	150,363	2,198	2,279	9,270	20,772	91,452	(D)	(D)	24,392	-	-
Capital expenditures, new...do....	1,741	10	20	42	82	1,261	(D)	(D)	326	-	-
Subindustry 2385-22.—Waterproof Outergarments—JOBBERs											
Establishments.....number..	52	15	9	14	12	1	1	-	-	-	-
All employees:											
Total.....do....	779	90	(D)	182	507	(D)	(D)	-	-	-	-
Payroll.....\$1,000..	5,387	791	(D)	1,268	3,328	(D)	(D)	-	-	-	-
Value added, adjusted.....do....	15,488	2,587	(D)	3,235	9,666	(D)	(D)	-	-	-	-
Value of shipments.....do....	56,888	12,854	(D)	12,907	31,127	(D)	(D)	-	-	-	-
Capital expenditures, new...do....	122	19	(D)	19	84	(D)	(D)	-	-	-	-
Subindustry 2385-33.—Waterproof Outergarments—CONTRACTORS											
Establishments.....number..	117	2	4	12	54	35	8	2	-	-	-
All employees:											
Total.....do....	5,923	33	(D)	182	4,132	(D)	1,576	(D)	-	-	-
Payroll.....\$1,000..	19,002	138	(D)	734	13,632	(D)	4,498	(D)	-	-	-
Value added, adjusted.....do....	26,358	222	(D)	996	17,818	(D)	7,322	(D)	-	-	-
Value of shipments.....do....	28,289	263	(D)	1,170	19,291	(D)	7,565	(D)	-	-	-
Capital expenditures, new...do....	322	2	(D)	8	231	(D)	81	(D)	-	-	-
INDUSTRY 2386.—LEATHER AND SHEEPLINED CLOTHING											
Establishments.....number..	114	34	11	19	28	15	6	1	-	-	-
All employees:											
Total.....do....	3,352	67	67	266	884	1,042	1,026	(D)	-	-	-
Payroll.....\$1,000..	12,817	268	304	1,295	3,599	3,682	3,669	(D)	-	-	-
Value added, adjusted.....do....	23,351	701	612	2,772	5,765	6,100	7,401	(D)	-	-	-
Value of shipments.....do....	56,380	1,482	2,083	10,006	13,368	13,211	16,230	(D)	-	-	-
Capital expenditures, new...do....	315	9	5	22	48	48	183	(D)	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 2386-11.—Leather and Sheeplined Clothing—MANUFACTURERS											
Establishments.....number..	89	30	9	11	23	9	6	1	-	-	-
All employees:											
Total.....do....	2,691	60	52	153	739	661	1,026	(D)	-	-	-
Payroll.....\$1,000..	10,441	246	196	784	3,050	2,496	3,669	(D)	-	-	-
Value added, adjusted.....do....	19,185	530	277	1,259	5,012	4,706	7,401	(D)	-	-	-
Value of shipments.....do....	45,014	1,090	571	3,630	11,829	11,664	16,230	(D)	-	-	-
Capital expenditures, new...do....	301	9	5	21	46	37	183	(D)	-	-	-
Subindustry 2386-22.—Leather and Sheeplined Clothing—JOBBERS											
Establishments.....number..	5	1	1	2	1	-	-	-	-	-	-
All employees:											
Total.....do....	57	27	(D)	(D)	(D)	-	-	-	-	-	-
Payroll.....\$1,000..	398	398	(D)	(D)	(D)	-	-	-	-	-	-
Value added, adjusted.....do....	1,839	1,839	(D)	(D)	(D)	-	-	-	-	-	-
Value of shipments.....do....	8,703	8,703	(D)	(D)	(D)	-	-	-	-	-	-
Capital expenditures, new...do....	-	-	-	-	-	-	-	-	-	-	-
Subindustry 2386-33.—Leather and Sheeplined Clothing—CONTRACTORS											
Establishments.....number..	20	3	1	6	4	6	-	-	-	-	-
All employees:											
Total.....do....	604	223	(D)	(D)	(D)	381	-	-	-	-	-
Payroll.....\$1,000..	1,978	792	(D)	(D)	(D)	1,186	-	-	-	-	-
Value added, adjusted.....do....	2,327	933	(D)	(D)	(D)	1,394	-	-	-	-	-
Value of shipments.....do....	2,663	1,116	(D)	(D)	(D)	1,547	-	-	-	-	-
Capital expenditures, new...do....	14	2	(D)	(D)	(D)	11	-	-	-	-	-
INDUSTRY 2387.—APPAREL BELTS											
Establishments.....number..	389	108	61	79	91	35	12	2	1	-	-
All employees:											
Total.....do....	9,841	231	420	1,099	2,778	2,278	1,738	1,297	(D)	-	-
Payroll.....\$1,000..	35,590	956	1,546	3,645	9,612	8,029	5,561	6,241	(D)	-	-
Value added, adjusted.....do....	62,172	1,791	2,580	6,223	17,791	13,305	9,094	11,388	(D)	-	-
Value of shipments.....do....	108,600	3,261	4,491	10,044	30,860	23,033	15,808	21,103	(D)	-	-
Capital expenditures, new...do....	697	23	28	55	169	223	116	83	(D)	-	-
Subindustries 2387-11 and -22.—Apparel Belts—MANUFACTURERS AND JOBBERS ¹											
Establishments.....number..	327	92	52	61	74	33	12	2	1	-	-
All employees:											
Total.....do....	8,866	187	359	860	4,425	(D)	1,738	1,297	(D)	-	-
Payroll.....\$1,000..	32,324	781	1,349	2,934	15,458	(D)	5,561	6,241	(D)	-	-
Value added, adjusted.....do....	57,376	1,480	2,256	5,136	28,022	(D)	9,094	11,388	(D)	-	-
Value of shipments.....do....	101,669	2,847	4,091	8,500	49,320	(D)	15,808	21,103	(D)	-	-
Capital expenditures, new...do....	669	89	(D)	(D)	381	(D)	116	83	(D)	-	-
Subindustry 2387-33.—Apparel Belts—CONTRACTORS											
Establishments.....number..	62	16	9	18	17	2	-	-	-	-	-
All employees:											
Total.....do....	975	44	61	239	631	(D)	-	-	-	-	-
Payroll.....\$1,000..	3,266	175	197	711	2,183	(D)	-	-	-	-	-
Value added, adjusted.....do....	4,796	311	324	1,087	3,074	(D)	-	-	-	-	-
Value of shipments.....do....	6,931	414	400	1,544	4,573	(D)	-	-	-	-	-
Capital expenditures, new...do....	28	17	(D)	(D)	11	(D)	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2389.—APPAREL N.E.C.											
Establishments.....number..	270	81	51	30	72	23	10	3	-	-	-
All employees:											
Total.....do....	7,225	148	359	402	2,311	1,539	1,526	940	-	-	-
Payroll.....\$1,000..	25,553	490	1,274	1,537	8,504	4,934	6,156	2,658	-	-	-
Value added, adjusted.....do....	43,211	920	3,010	2,972	15,438	7,937	8,814	4,120	-	-	-
Value of shipments.....do....	98,173	2,337	6,312	6,223	37,198	15,628	19,995	10,480	-	-	-
Capital expenditures, new...do....	517	<u>39</u>	(D)	25	186	137	98	32	-	-	-
Subindustry 2389-11.—Apparel N.E.C.—MANUFACTURERS											
Establishments.....number..	241	74	46	28	62	19	9	3	-	-	-
All employees:											
Total.....do....	6,431	135	698	(D)	1,978	2,680	(D)	940	-	-	-
Payroll.....\$1,000..	23,372	457	<u>2,618</u>	(D)	7,521	<u>10,118</u>	(D)	2,658	-	-	-
Value added, adjusted.....do....	38,713	762	<u>5,285</u>	(D)	12,975	<u>15,571</u>	(D)	4,120	-	-	-
Value of shipments.....do....	89,382	2,094	<u>10,530</u>	(D)	32,075	<u>34,203</u>	(D)	10,480	-	-	-
Capital expenditures, new...do....	466	7	<u>51</u>	(D)	173	<u>203</u>	(D)	32	-	-	-
Subindustry 2389-22.—Apparel N.E.C.—JOBBERs											
Establishments.....number..	10	5	2	-	3	-	-	-	-	-	-
All employees:											
Total.....do....	104	<u>21</u>	(D)	-	84	-	-	-	-	-	-
Payroll.....\$1,000..	409	<u>76</u>	(D)	-	333	-	-	-	-	-	-
Value added, adjusted.....do....	1,988	<u>662</u>	(D)	-	1,326	-	-	-	-	-	-
Value of shipments.....do....	5,817	<u>1,971</u>	(D)	-	3,846	-	-	-	-	-	-
Capital expenditures, new...do....	6	<u>6</u>	(D)	-	(D)	-	-	-	-	-	-
Subindustry 2389-33.—Apparel N.E.C.—CONTRACTORS											
Establishments.....number..	19	2	3	2	7	4	1	-	-	-	-
All employees:											
Total.....do....	690	<u>56</u>	(D)	(D)	249	<u>385</u>	(D)	-	-	-	-
Payroll.....\$1,000..	1,772	<u>150</u>	(D)	(D)	650	<u>972</u>	(D)	-	-	-	-
Value added, adjusted.....do....	2,510	<u>193</u>	(D)	(D)	1,137	<u>1,180</u>	(D)	-	-	-	-
Value of shipments.....do....	2,974	<u>277</u>	(D)	(D)	1,277	<u>1,420</u>	(D)	-	-	-	-
Capital expenditures, new...do....	45	<u>13</u>	(D)	(D)	(D)	<u>31</u>	(D)	-	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

¹ Data for manufacturers and jobbers are combined to avoid disclosing figures for individual companies.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)
		(1,000)	(1,000)	(1,000)	(1,000)	(percent)	(1,000)	(1,000)	(1,000)	(percent)
		A	B	C	D	E	F	G	H	I
2371	Fur goods ¹.....1963..	334,414	321,210	2,830	10,374	99	321,389	321,210	179	100
	1958..	281,335	267,055	1,649	12,631	99	267,165	267,055	110	100
2381	Fabric dress and work gloves ¹....1963..	149,503	118,365	8,083	23,055	94	² 144,869	118,365	² 26,504	² 82
	1958..	118,749	100,645	6,978	11,126	94	² 119,385	100,645	² 18,740	² 84
2384	Robes and dressing gowns ¹.....1963..	173,450	149,993	6,750	16,707	96	160,117	149,993	10,124	94
	1958..	132,671	111,206	8,085	13,380	93	116,087	111,206	4,881	96
2385	Waterproof outergarments ¹.....1963..	235,540	188,174	17,092	30,274	92	202,803	188,174	14,629	93
	1958..	146,175	115,133	13,127	17,915	90	128,286	115,133	13,153	90
2386	Leather and sheeplined clothing ¹ .1963..	56,380	48,507	1,630	6,243	97	58,411	48,507	9,904	83
	1958..	65,734	56,920	3,645	5,169	94	62,720	56,920	5,800	91
2387	Apparel belts ¹.....1963..	108,600	87,207	8,650	12,743	91	92,356	87,207	5,149	94
	1958..	99,053	77,667	7,131	14,255	92	82,049	77,667	4,382	95
2389	Apparel, n.e.c. ¹.....1963..	98,173	85,023	6,675	6,475	93	103,072	85,023	18,049	82
	1958..	94,904	77,271	7,362	10,271	91	92,079	77,271	14,808	84

n.e.c. Not elsewhere classified.
¹ See text regarding comparability of 1963 data with earlier years.
² These figures include the shipments of fabric gloves made in knitting mills (primary products of industry 2259) as well as the shipments of fabric gloves cut and sewed from purchased fabrics.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Fur goods (SIC 2371)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Robes and dressing gowns (SIC 2384)	Other industries
FUR GOODS INDUSTRY					ROBES AND DRESSING GOWNS INDUSTRY —Continued				
23710	Total value of shipments.....	(X)	334,414	(X)	23840	Miscellaneous receipts.....	(X)	16,707	(X)
	Fur goods.....	321,389	321,210	179		Contract and commission receipts..	(X)	15,600	(X)
	Secondary products.....	(X)	2,830	(X)		Other including resales.....	(X)	1,107	(X)
39920	Furs, dressed and dyed.....	(X)	2,662	(X)	23840	Listing of other industries with over \$2 million shipments of robes and dressing gowns:			
	Other secondary products.....	(X)	168	(X)		2331 Blouses.....	(X)	(X)	(2-5)
	Miscellaneous receipts.....	(X)	10,374	(X)		2341 Women's and children's underwear.....	(X)	(X)	(2-5)
	Contract and commission receipts.	(X)	3,911	(X)	23850	Waterproof outer-garments (SIC 2385)			
	Resales.....	(X)	4,872	(X)		WATERPROOF OUTERGARMENTS INDUSTRY			
	Other miscellaneous receipts.....	(X)	1,591	(X)		Total value of shipments.....	(X)	235,540	(X)
FABRIC DRESS AND WORK GLOVES INDUSTRY					23850	Raincoats and other waterproof outer-garments.....	202,803	188,174	14,629
23811	Total shipments and receipts of the industry.....	(X)	149,503	(X)		Secondary products.....	(X)	17,092	(X)
	Primary products.....	114,869	118,365	26,504		Miscellaneous receipts.....	(X)	30,274	(X)
23812	Dress gloves and mittens made from woven or purchased knit fabric.....	147,935	28,306	19,629	23850	Contract and commission receipts..	(X)	27,100	(X)
	Work gloves and mittens made from woven or purchased knit fabric..	191,470	84,595	6,875		Resales.....	(X)	3,069	(X)
	Fabric dress and work gloves, n.s.k.....	5,464	5,464	(X)		Other miscellaneous receipts.....	(X)	105	(X)
23810	Secondary products.....	(X)	8,083	(X)	23850	Listing of other industries with over \$2 million shipments of waterproof outer-garments:			
	Dress and work gloves and mittens all leather.....	(X)	6,108	(X)		2311 Men's and boys' suits and coats.....	(X)	(X)	(2-5)
	Other secondary products.....	(X)	1,975	(X)		2319 Men's and boys' clothing, n.e.c.....	(X)	(X)	(5-10)
31510	Miscellaneous receipts.....	(X)	23,055	(X)	23860	Leather and sheeplined clothing (SIC 2386)			
	Contract and commission receipts.	(X)	4,045	(X)		Total shipments and receipts of the industry.....	(X)	56,380	(X)
	Resales.....	(X)	18,672	(X)	23860	Primary products.....	(X)	48,507	(X)
23812	Other miscellaneous receipts.....	(X)	338	(X)		Leather and sheeplined clothing...	58,411	48,507	9,904
	Listing of other industries with over \$2 million shipments of the primary product classes:					Secondary products.....	(X)	1,630	(X)
	225- Knitting mills.....	(X)	(X)	10,743	23860	Miscellaneous receipts.....	(X)	6,243	(X)
23812	3151 Leather gloves.....	(X)	(X)	8,667		Contract and commission receipts..	(X)	3,017	(X)
	225- Knitting mills.....	(X)	(X)	3,200		Resales.....	(X)	3,187	(X)
	3151 Leather gloves.....	(X)	(X)	3,205		Other miscellaneous receipts.....	(X)	39	(X)
ROBES AND DRESSING GOWNS INDUSTRY					23860	Listing of other industries with over \$2 million shipments of the primary product classes:			
23840	Total value of shipments.....	(X)	173,450	(X)		2321 Men's dress shirts and nightwear.....	(X)	(X)	(over 2)
	Robes and dressing gowns, men's, boys', and women's, except children's including brunch coats and housecoats.....	160,117	149,993	10,124		2329 Men's and boys' clothing, n.e.c.....	(X)	(X)	5,472
	Secondary products.....	(X)	6,750	(X)					

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Apparel belts (SIC 2387)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Apparel, n.e.c. (SIC 2389)	Other industries
	APPAREL BELTS INDUSTRY					APPAREL N.E.C., INDUSTRY			
	Total value of shipments.....	(X)	108,600	(X)		Total value of shipments.....	(X)	98,173	(X)
2387	Apparel belts.....	92,356	87,207	5,149	23890	Apparel, n.e.c.....	103,072	85,023	18,049
23871	Leather belts (for sale separately).....	47,049	43,647	3,402	23990	Secondary products.....	(X)	6,675	(X)
23872	Belts, other than leather.....	32,470	30,747	1,723		Fabricated textile products, n.e.c.....	(X)	3,606	(X)
23870	Apparel belts, n.s.k.....	12,837	12,813	24		Other secondary products.....	(X)	3,069	(X)
	Secondary products.....	(X)	8,650	(X)		Miscellaneous receipts.....	(X)	6,475	(X)
23890	Apparel n.e.c.....	(X)	2,892	(X)		Contract and commission receipts..	(X)	3,171	(X)
	Other secondary products.....	(X)	25,758	(X)		Resales.....	(X)	2,943	(X)
	Miscellaneous receipts.....	(X)	12,743	(X)		Other miscellaneous receipts.....	(X)	361	(X)
	Contract and commission work.....	(X)	4,623	(X)		Listing of other industries with over \$2 million shipments of the primary product classes:			
	Resales.....	(X)	7,343	(X)		2342 Corsets and allied garments.	(X)	(X)	6,699
	Other miscellaneous receipts.....	(X)	777	(X)		2387 Apparel belts.....	(X)	(X)	2,892
						3964 Needles, pins, and fasteners	(X)	(X)	(over 2)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹See footnote 4, table 5A.

²Includes the following product class which totals \$2 million or more but is withheld to avoid disclosing individual company figures: 31990, Saddlery, harness, whip, and other leather products, n.e.c.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958**

Product code	Product	Total shipments including interplant transfers ¹					
		1963		1958			
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)		
23710 11	Fur coats, capes, jackets, neck pieces, fur linings, and other fur goods..	(X)	321,389	(X)	267,165		
2381- -- 2259 pt.	} FABRIC DRESS AND WORK GLOVES, TOTAL ²	(X)	144,869	(X)	119,385		
2381 11 2259 pt.		} Fabric dress and semidress gloves, including leather-and-fabric combination: As reported in the census of manufactures.....	3,329	47,935	3,728	46,344	
	Made in cut-and-sew shops.....		2,314	37,192	(NA)	37,579	
23811 10	Men's and boys' and women's and misses' woven fabric, and leather-and-fabric combination.....	355	5,574	(NA)	6,187		
23811 40	Men's and boys' and women's and misses' knitted fabric.....	1,652	28,637	(NA)	28,396		
23811 52	Children's and infants' textile gloves and mittens.....	307	2,981	(NA)	2,996		
22590 10	Made in knitting mills.....	1,015	10,743	(NA)	8,765		
	Production as reported on Census Annual Form MA-23D.....	3,446	(NA)	3,728	(NA)		
23812 12 22590 pt.	} Fabric work gloves and mittens, including leather-and-fabric combination: As reported in the census of manufactures.....	21,474	91,470	18,339	73,041		
23812 12 22590 71		Made in cut-and-sew shops.....	20,878	88,270	(NA)	71,448	
	Made in knitting mills.....	596	3,200	(NA)	1,593		
	Production as reported on Census Annual Form MA-23D.....	21,469	(NA)	18,339	(NA)		
23810 00	Fabric dress and work gloves, n.s.k.....	(X)	5,464	(X)	(X)		
Product		1963 quantity (1,000 dozen)			1958 quantity (1,000 dozen)		
		Total	Men's and boys'	Women's and children's	Total	Men's and boys'	Women's and children's
AS REPORTED ANNUALLY ON CENSUS FORM MA-23D, GLOVES AND MITTENS							
DRESS AND SEMIDRESS GLOVES AND MITTENS, EXCEPT ALL LEATHER, TOTAL ²		3,446	(X)	(X)	3,728	(X)	(X)
Leather-and-fabric combination.....		145	103	42	105	85	20
Men's, women's, and misses' all fabric, total.....		2,694	(X)	(X)	2,727	(X)	(X)
Knit fabric gloves (cut and sewn), total.....		1,739	(X)	(X)	1,762	(X)	(X)
Cotton fabrics, total.....		479	(D)	(D)	605	(D)	(D)
Warp-knit.....		376	(D)	(D)	471	39	432
Circular-knit.....		103	(D)	(D)	134	(D)	(D)
Nylon fabrics.....		1,196	12	1,184	1,077	5	1,072
Other knit fabrics, including wool and rayon.....		64	(D)	(D)	80	55	25
Seamless gloves and mittens, total.....		748	365	383	668	330	338
50 percent or more wool.....		313	(D)	(D)	522	318	204
50 percent or more man-made fibers.....		433	(D)	(D)	112	12	134
Other fabrics and mixtures, including cotton.....		2	(D)	(D)	34		
Woven fabric gloves and mittens.....		207	(D)	(D)	297	66	231
Children's and infants' (all fabrics).....		607	(X)	607	896	(X)	896
WORK GLOVES AND MITTENS, EXCEPT ALL LEATHER, TOTAL.....		21,469	(X)	(X)	18,339	(X)	(X)
Leather-and-fabric combination.....		2,260	(X)	(X)	2,138	(X)	(X)
All fabric, total.....		19,209	(X)	(X)	16,201	(X)	(X)
Canton flannel, total.....		10,035	9,379	656	9,701	(D)	(D)
Single.....		6,753	6,123	630	6,625	6,056	569
Double.....		2,591	(D)	(D)	2,538	2,517	21
Hot mill.....		616	616	-	420	420	-
All other canton flannel.....		75	(D)	(D)	118	(D)	(D)
Fleeced cotton jersey.....		3,439	2,813	626	2,962	2,672	290
Circular-knit cotton.....		3,232	1,315	1,917	2,233	827	1,406
Terry cloth.....		749	(D)	(D)	424	(D)	(D)
Coated fabrics, including partial coatings.....		1,617	1,350	267	881	684	197
All other textile work gloves and mittens.....		137	91	46			

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total shipments including interplant transfers ¹			
		1963		1958	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2384- --	ROBES AND DRESSING GOWNS, EXCEPT CHILDREN'S, TOTAL.....	(X)	160,117	(X)	116,087
	Men's and boys' robes and dressing gowns, including smoking jackets.....	410	24,617	315	18,621
23840 21	Cotton fabrics.....	287	14,800	315	18,621
23840 23	Man-made fiber fabrics.....	87	6,088		
23840 29	All other fabrics.....	36	3,729		
	Women's, misses', and junior robes, dressing gowns, breakfast coats, brunch coats, and housecoats, total ⁴	3,043	114,798	(NA)	79,148
23840 51	Tufted robes.....	269	13,188	188	7,734
	Robes (other than tufted), dressing gowns, breakfast coats, brunch coats, and housecoats.....	2,774	101,610	(NA)	71,414
23840 53	Cotton fabrics.....	2,011	55,911	1,021	39,080
23840 71					
23840 56					
23840 58					
23840 75	Man-made fiber fabrics.....	504	29,682	436	22,492
23840 59					
23840 79	All other fabrics.....	259	16,017	80	5,821
23840 70	Fabric not specified.....	(X)	(X)	(NA)	4,021
23840 00	Robes and dressing gowns, n.s.k.....	(X)	20,702	(X)	18,318
2385- --	RAINCOATS AND OTHER WATERPROOF OUTERGARMENTS, TOTAL.....	(X)	202,803	(X)	128,286
	Raincoats and raincoats, total.....	1,601	156,787	51,700	88,590
23850 10	Men's and boys':				
	As reported in the census of manufactures.....	623	64,432	863	47,299
	As reported on Census Annual Form MA-23A ⁶	640	(NA)	(X)	(X)
23851 31	Plastic (with or without fabric lining or trim) ⁷	123	(NA)	362	7,302
23851 32	Rubberized and/or coated fabrics ⁷	117	(NA)	277	12,642
	Uncoated fabrics (including foam laminates), total.....	393	(NA)	224	27,355
	With all-weather liners such as pile, wool, etc. (zip-in, button-in, permanent), total.....	228	(NA)	224	27,355
23851 33	All cotton.....	145	(NA)		
23851 34	Cotton-synthetic blends.....	83	(NA)		
23851 35	Other uncoated fabrics.....	(8)	(NA)		
23851 36	Unlined or lightweight (rayon, acetate) lined.....	165	(NA)	224	27,355
23851 37	All cotton.....	46	(NA)		
23851 38	Cotton-synthetic blends.....	105	(NA)		
23851 38	Other uncoated fabrics.....	14	(NA)		
23851 30	Men's and boys' raincoats and raincoats, n.s.k.....	7	(NA)		
23850 20	Women's, misses', and juniors':				
	As reported in the census of manufactures.....	815	82,353	618	38,311
	As reported on Census Annual Form MA-23A ⁶	788	(NA)	(X)	(X)
23852 41	Plastic (with or without fabric lining or trim) ⁷	93	(NA)	308	5,955
23852 42	Rubberized and/or coated fabrics ⁷	8	(NA)	(NA)	(NA)
	Uncoated fabrics (including foam laminates), lined and unlined, total	687	(NA)	310	32,356
23852 43	Rayon and/or acetate.....	123	(NA)	46	5,171
23852 44	All cotton.....	385	(NA)	9199	920,072
23852 45	Cotton-synthetic blends.....	115	(NA)		
23852 46	Other uncoated fabrics.....	64	(NA)		
23850 30	Girls', teenage girls', and children's:				
	As reported in the census of manufactures.....	163	10,002	72	2,980
	As reported on Census Annual Form MA-23A ⁶	143	(NA)	(X)	(X)
23853 51	Plastic (with or without fabric lining or trim).....	58	(NA)	(NA)	(NA)
23853 52	Fabric (including rubberized, coated, and uncoated).....	85	(NA)	(NA)	(NA)
23850 71	Baby pants and diaper covers, plastic and rubberized.....	6,644	23,078	6,076	17,648
23850 98	All other plastic or rubberized waterproof outer garments, including aprons, smocks, bibs, dress shields, bathing caps, etc. (except oil coated and rubber body).....	(X)	8,953	(X)	1010,970
23850 00	Raincoats and other waterproof outer garments, n.s.k.....	(X)	13,985	(X)	11,078
23859 93	Receipts for contract work on waterproof outer garments done for others on their materials.....	(X)	1123,932	(X)	1116,493

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total shipments including interplant transfers ¹			
		1963		1958	
		Quantity (1,000 dozen)	Value (\$1,000)	Quantity (1,000 dozen)	Value (\$1,000)
2386- --	LEATHER AND SHEEPLINED CLOTHING, TOTAL.....	(X)	58,411	(X)	62,720
	Leather coats and jackets:				
23860 13	Men's.....	97	18,873	145	20,672
23860 23	Boys'.....	22	2,475	42	4,947
23860 53	Women's, misses', and juniors'.....	94	32,110	107	27,626
23860 98	All other leather clothing and sheeplined clothing.....	(X)	1,005	(X)	2,892
23860 00	Leather and sheeplined clothing, n.s.k.....	(X)	3,948	(X)	6,583
2387- --	APPAREL BELTS, TOTAL ¹²	(X)	92,356	(X)	82,049
23871 --	Leather belts (made for sale separately), total.....	(X)	47,049	(X)	48,086
	Women's and children's:				
23871 13	Made for sale to apparel firms.....	1,518	8,257	1,669	16,169
23871 15	Made for sale separately.....	502	6,307		
23871 51	Men's and boys'.....	3,006	30,535	3,251	29,903
23871 00	Leather belts, n.s.k.....	(X)	1,950	(X)	2,014
23872 --	Belts, other than leather, total.....	(X)	32,470	(X)	27,514
	Women's and children's:				
23872 13	Made for sale to apparel firms.....	9,387	21,151	6,851	19,719
23872 15	Made for sale separately.....	1,528	5,601		
23872 51	Men's and boys'.....	362	4,286	710	5,978
23872 00	Belts, other than leather, n.s.k.....	(X)	1,432	(X)	1,817
23870 00	Apparel belts, n.s.k.....	(X)	12,837	(X)	6,449
2389- --	APPAREL, N.E.C., TOTAL ¹³	(X)	103,072	(X)	92,079
23890 31	Garters, hose supporters, arm bands, and suspenders.....	15,502	15,708	(NA)	¹⁴ 10,687
23890 71	Garter belts:				
	As reported in the census of manufactures.....	770	8,616	753	8,900
	As reported on the Census Annual Form MA-23J ¹⁵	752	(NA)	(X)	(X)
	Handkerchiefs:				
	Cotton handkerchiefs, except embroidered.....	19,473	26,629	19,183	31,667
23890 51	Men's and boys'.....	15,997	19,694	13,943	20,274
23890 55	Women's and children's.....	3,476	6,935	5,240	11,393
23890 59	All other handkerchiefs, including embroidered of all fabrics.....	3,428	8,289	501	2,514
23890 50	Handkerchiefs, n.s.k.....	(X)	(X)	(NA)	4,457
23890 91	Academic caps and gowns, and costumes, including theatrical.....	(X)	15,551	(X)	33,854
23890 98	All other apparel, n.e.c., including ecclesiastical vestments, special garments for fraternal orders, etc.....	(X)	12,013		
23890 00	Apparel, n.e.c., n.s.k.....	(X)	16,266		
23899 93	Receipts for contract work on apparel, n.e.c., done for others on their materials.....	(X)	¹¹ 3,171	(X)	¹¹ 4,050

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Establishments in this industry were requested to report value of shipments in 1963 and value of production in 1958. This change does not significantly affect the comparability of the data for the two years (see text).

²The quantity data reported in the census of manufactures represents quantity shipped, while the quantity data reported on Census Annual Form MA-23D, "Gloves and Mittens," represents quantity produced. In large part, this accounts for the difference between the data collected in the two surveys.

³Data not collected by type of fabric in 1958.

⁴For 1963 and 1958, data were collected for robes and dressing gowns separately from breakfast coats, brunch coats, and housecoats. A large number of producers of these two categories of garments were not able to make clear distinctions between them. Therefore, data have been combined for both years.

⁵The quantity data for 1958 are based on the census of manufactures as revised for the Annual Apparel Survey Supplement 1962, Raincoats and Raincoats, Series M23A(62)-3. The total quantity includes 147 thousand dozen raincoats and raincoats not specified by kind which are not included in the detail for men's, women's, or children's raincoats.

⁶The detailed quantity data represent cuttings as reported on Census Annual Form MA-23A.

⁷For 1958, collected as plastic and rubberized.

⁸Included with men's and boys' unlined or lightweight lined, other uncoated fabrics, product code 2385138, in order to avoid disclosing operations of individual companies.

⁹For 1958, collected as cotton gabardine, twill, and poplin (not coated).

¹⁰For 1958, includes women's, misses', and children's aprons, smocks, and bibs, plastic and rubberized, valued at \$2,607 thousand, and all other waterproof outer garments, including dress shields, bathing caps, etc. (except oil and rubber) valued at \$8,363 thousand.

¹¹Contract receipts are not included in the totals shown for each 4-digit industry. For 1963, contract receipts include all receipts for work done for others on their materials, regardless of the industry classification of the establishment. For 1958, contract receipts include all receipts for contract work done for others on their materials by establishments classified in the 4-digit (SIC) industry.

¹²Does not include belts made and sold as parts of garments.

¹³Does not include apparel for which data are being published in separate reports such as dresses, suits, coats, shirts, underwear, nightwear, etc.

¹⁴For 1958, the value of production of suspenders was \$3,921 thousand. The value of production of garters, hose supporters, and arm bands was \$6,766 thousand. Data for these products were not collected separately for 1963 and are included in product code 2389031.

¹⁵For 1963, quantity data for garter belts were also reported on Census Form MA-23J, Annual Survey of Brassieres, Corsets, and Allied Garments Shipments. The data vary as a result of reporting differences for individual plants furnishing data in both surveys. Since this survey was begun in 1960, comparable data from the current survey are not available for 1958.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
238--	Miscellaneous apparel ¹.....1963..	114	110
	.....1958..	94	112
2381- 2259- pt.	} Fabric dress and work gloves ².....1963..	96	130
		.....1958..	87
23811 22590 pt.	} Fabric dress and semidress gloves, including leather-and-fabric combination ².....1963..	67	142
		.....1958..	75
23812 22590 pt.	} Fabric work gloves and mittens, including leather-and-fabric combination ².....1963..	110	124
		.....1958..	94
2384-	Robes and dressing gowns, except children's.....1963..	157	99
		.....1958..	105
2385-	Raincoats and other waterproof outer garments.....1963..	157	109
		.....1958..	108
2386-	Leather and sheeplined clothing.....1963..	73	139
		.....1958..	104
2387-	Apparel belts.....1963..	86	110
		.....1958..	72
23871	Leather belts (made for sale separately).....1963..	88	99
		.....1958..	84
23872	Belts, other than leather.....1963..	74	126
		.....1958..	56
2389-	Apparel, n.e.c.....1963..	(¹)	(¹)
		.....1958..	(¹)

n.e.c. Not elsewhere classified.
¹Adjusted to include apparel, n.e.c., (products of industry 2389), separate indexes for which are not shown because comparable quantity data were not obtained for a significant portion of these products.
²Indexes computed on a "wherever-made" basis, i.e., they reflect shipments of these products made by knitting mills as well as by cut-and-sew shops.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963**

(In thousands of dollars)

Code	Product class	1963 ¹	1962 ²	1961 ²	1960 ²	1959 ²	1958	1954	1947
23710	Fur goods.....	321,389	(S)	(S)	(S)	(S)	267,165	215,536	343,378
2381-	Fabric dress and work gloves.....	³ 130,926	135,519	131,572	114,533	115,475	109,027	115,589	125,480
23811	Dress gloves and mittens made from woven or purchased knit fabric.....	37,192	60,220	52,449	42,539	40,535	37,579	48,745	53,479
23812	Work gloves and mittens made from woven or purchased knit fabrics.....	88,270	75,299	79,123	71,994	74,940	71,448	66,844	72,001
23840	Robes and dressing gowns, men's, boys', and women's, except children's, including brunch coats and housecoats.....	160,117	116,223	102,586	100,110	90,381	116,087	⁴ 101,599	⁴ 103,183
23850	Raincoats and other waterproof outer garments.	202,803	281,843	(S)	(S)	(S)	128,286	116,572	79,997
23860	Leather and sheeplined clothing.....	58,411	68,150	(S)	(S)	(S)	62,720	56,707	38,457
2387-	Apparel belts.....	92,356	85,562	82,571	95,787	99,393	82,049	95,007	60,117
23871	Leather belts (for sale separately).....	47,049	51,232	51,166	53,411	53,843	48,086	52,669	39,981
23872	Belts, other than leather.....	32,470	31,749	27,179	30,691	36,773	27,514	35,388	17,864
23870	Apparel belts, n.s.k.....	12,837	(S)	(S)	(S)	(S)	6,449	6,950	2,272
23890	Apparel, n.e.c. ⁵	103,072	80,840	80,432	75,110	86,920	92,079	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹See text regarding comparability of 1963 data with earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

³Includes \$5,464 thousands of miscellaneous apparel, not specified by kind.

⁴Under the 1957 Standard Industrial Classification system, women's lounging pajamas, formerly included in this industry were reclassified into industry 2341, Women's and Children's Underwear. Therefore, to this extent 1947 and 1954 data are not entirely comparable to those for 1958-1963.

⁵See footnote 13, table 6A.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
WORK GLOVES AND MITTENS MADE FROM WOVEN OR PURCHASED KNIT FABRICS (23812)	1963 ¹	WORK GLOVES AND MITTENS MADE FROM WOVEN OR PURCHASED KNIT FABRICS (23812)—Continued	1963 ¹	LEATHER BELTS (MADE FOR SALE SEPARATELY) (23871)—Continued	1963 ¹
United States, total....	88,270	West South Central.....	6,757	Pacific.....	2,104
Northeast.....	6,100	Pacific.....	1,861	California.....	2,104
New Jersey.....	2,993	LEATHER BELTS (MADE FOR SALE SEPARATELY) (23871)		All other divisions.....	6,456
Pennsylvania.....	2,200	United States, total...	47,049	BELTS, OTHER THAN LEATHER (23872)	
East North Central.....	28,370	New England.....	4,496	United States, total...	32,470
Ohio.....	11,863	Middle Atlantic.....	27,333	New England.....	2,010
Indiana.....	3,758	New York.....	24,737	Middle Atlantic.....	24,466
Illinois.....	8,075	South Atlantic.....	1,760	New York.....	21,614
Michigan.....	3,800	West South Central.....	4,900	Pennsylvania.....	2,163
West North Central.....	6,829	Texas.....	3,804	North Central.....	1,406
Missouri.....	4,916			South.....	2,832
South Atlantic.....	13,395			North Carolina.....	1,599
Tennessee.....	6,813			Pacific.....	1,756
East South Central.....	24,958			California.....	1,756

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23812, Iowa, North Carolina, Georgia, Alabama, Mississippi, Arkansas, Oklahoma, Texas, and Washington; 23871, Massachusetts, Connecticut, Pennsylvania, Illinois, and North Carolina; 23872, Massachusetts and Ohio.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963			
			Quantity	Delivered cost (\$1,000)		
		INDUSTRY 2381.—FABRIC DRESS AND WORK GLOVES				
	Materials, containers, supplies, etc., total.....		(X)	63,988		
220123	Broad-woven fabrics (cotton, wool, man-made fiber fabrics, etc.).....	1,000 lin. yds..	54,608	25,393		
225601	Knitted fabrics (cotton, wool, man-made fiber fabrics, etc.).....	...do.....	19,859	11,942		
311100	Finished leather.....	1,000 sq. ft....	29,775	6,460		
970099	All other materials, containers, and supplies.....		(X)	15,860		
976000	Materials, containers, supplies, n.s.k. ¹		(X)	4,333		
Material		Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
		INDUSTRY 2384.—ROBES AND DRESSING GOWNS				
	Materials, containers, supplies, etc., total.....		(X)	80,188	(X)	60,524
220126	Broad-woven fabrics (piece goods), including linings.....	1,000 lin. yds..	106,605	55,473	92,055	41,928
225601	Knitted fabrics.....	...do.....	2,698	2,598		
970099	All other materials, containers, and supplies.....		(X)	7,079		
976000	Materials, containers, supplies, n.s.k. ¹		(X)	15,038	(X)	12,081
		INDUSTRY 2385.—WATERPROOF OUTERGARMENTS				
	Materials, containers, supplies, etc., total.....		(X)	89,695	(X)	57,700
220126	Broad-woven fabrics (piece goods), including linings.....	1,000 lin. yds..	58,080	58,063	31,627	26,340
225601	Knitted fabrics.....	...do.....	624	562		
970099	All other materials, containers, and supplies.....		(X)	21,290		
976000	Materials, containers, supplies, n.s.k. ¹		(X)	9,780	(X)	4,759
		INDUSTRY 2386.—LEATHER AND SHEEPLINED CLOTHING				
	Materials, containers, supplies, etc., total.....		(X)	27,978	(X)	34,021
220126	Broad-woven fabrics (piece goods), including linings.....	1,000 lin. yds..	3,891	3,874	(NA)	3,639
225601	Knitted fabrics.....	...do.....	658	617	(X)	(²)
311100	Finished leather.....	1,000 sq. ft....	46,319	17,528	66,268	19,923
970099	All other materials, containers, and supplies.....		(X)	3,269	(X)	25,835
976000	Materials, containers, supplies, n.s.k. ¹		(X)	2,690	(X)	4,624
		INDUSTRY 2387.—APPAREL BELTS				
	Materials, containers, supplies, etc., total.....		(X)	39,284	(X)	39,993
220126	Broad-woven fabrics (piece goods), including linings.....	1,000 lin. yds..	3,834	2,084	22,616	1,436
311100	Finished leather.....	1,000 sq. ft....	26,140	12,784		
225601	Knitted fabrics.....	1,000 lin. yds..	586	382		
970099	All other materials, containers, and supplies, consumed.....		(X)	11,388	(X)	17,445
976000	Materials, containers, supplies, etc., n.s.k. ¹		(X)	12,646	(X)	9,108
		INDUSTRY 2389.—APPAREL, N.E.C.				
	Materials, containers, supplies, etc., total.....		(X)	43,768	(X)	43,145
220126	Broad-woven fabrics (piece goods), including linings.....	1,000 lin. yds..	64,074	21,041	53,333	18,779
225601	Knitted fabrics.....	...do.....	1,122	569		
970099	All other materials, containers, and supplies.....		(X)	9,842		
976000	Materials, containers, and supplies, n.s.k. ¹		(X)	12,316	(X)	11,367

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested, and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

²For 1958, the cost of purchased knitted fabrics was included in "All other materials."

**TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of
Power Equipment: 1962**

Item	Fur goods (SIC 2371)	Fabric dress and work gloves (SIC 2381)	Waterproof outergarments (SIC 2385)	Apparel belts (SIC 2387)	Apparel, n.e.c. (SIC 2389)
Total cost of purchased fuels and electric energy.....\$1,000..	619	766	965	573	417
Total cost of purchased fuels.....do....	153	278	247	121	145
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	-	(S)	(S)	(S)	-
Cost.....\$1,000..	-	(S)	(S)	(S)	-
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	-	(S)	(S)	(S)	(S)
Cost.....\$1,000..	-	(S)	(S)	(S)	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	(S)	227	(S)	(S)	(S)
Cost.....\$1,000..	(S)	86	(S)	(S)	(S)
Other fuels.....do....	144	68	112	94	56
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	30	23	37	20	13
Cost.....\$1,000..	466	488	718	452	272
Generated less sold.....million kw.-hrs..	-	-	-	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	-	-	-	-	-
Prime movers, total.....do....	-	-	-	-	-
Driving generators.....do....	-	-	-	-	-
Not driving generators.....do....	-	-	-	-	-
Electric motors, total.....do....	-	-	-	-	-
Driven by purchased energy.....do....	-	-	-	-	-
Driven by energy generated at establishment.....do....	-	-	-	-	-
Aggregate horsepower per 100 production workers.....	-	-	-	-	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2381-11	FABRIC DRESS AND WORK GLOVES—MANUFACTURERS										
	Entire subindustries.....	171	12,060	34,210	11,237	20,161	29,647	63,416	75,350	138,054	1,075
	Establishments with—										
	90% or more establishments.	139	9,670	27,604	9,015	16,447	24,053	47,148	58,647	106,135	863
	75-89% specialization.....	11	707	1,975	653	1,158	1,660	4,128	4,532	8,632	68
23811-11	Fabric dress gloves—manufacturers (primary product class of estab.)	37	1,806	5,190	1,693	2,962	4,551	11,029	12,577	23,664	173
	Establishments with—										
	90% or more specialization...	29	1,442	3,991	1,379	2,404	3,676	6,959	8,113	15,268	70
23812-11	Fabric work gloves—manufacturers (primary product class of estab.)	83	9,300	26,543	8,691	15,747	22,982	43,848	54,284	97,573	849
	Establishments with—										
	90% or more specialization...	60	6,730	19,245	6,316	11,415	16,775	31,517	37,844	69,531	666
	75-89% specialization.....	11	1,284	3,814	1,159	2,262	3,225	6,101	8,871	14,880	68
2387-	APPAREL BELTS										
	Entire industry.....	389	9,841	35,590	8,295	15,240	24,843	62,172	46,222	108,600	697
	Establishments with—										
	90% or more specialization.	342	7,850	28,454	6,649	12,129	20,348	49,275	36,356	85,974	608
23871	Leather belts.....	128	4,302	18,025	3,376	6,340	10,965	33,380	27,466	60,942	331
	Establishments with—										
	90% or more specialization...	102	2,590	11,060	1,996	3,719	6,778	19,638	16,346	36,302	227
	75-89% specialization.....	8	309	1,200	271	495	834	2,575	2,046	4,579	25
23872	Belts, other than leather.....	123	3,707	11,902	3,306	5,885	9,331	18,515	12,732	31,298	209
	Establishments with—										
	90% or more specialization...	100	2,768	8,872	2,463	4,338	6,980	13,650	9,326	22,996	101
	75-89% specialization.....	11	498	1,545	446	805	1,133	2,544	1,531	4,094	67

MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2391—Curtains and Draperies
- 2392—Housefurnishings, Except Curtains and Draperies
- 2393—Textile Bags
- 2394—Canvas Products
- 2395—Pleating, Decorative and Novelty Stitching, and Tucking for the Trade
- 2396—Apparel Findings and Related Products
- 2397—Schiffli Machine Embroideries
- 2399—Fabricated Textile Products, Not Elsewhere Classified

These establishments are engaged in the manufacture of fabricated textile products (other than apparel) from purchased fabrics, including those transferred from other establishments of the same company. Textile mills producing fabricated textile products from material woven at the same establishment are classified in the appropriate weaving industry (Major Group 22). However, establishments that finish fabrics (bleach, dye, or print) and then further fabricate the fabrics into end products such as sheets are included in the appropriate 239 industry.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2391—CURTAINS AND DRAPERIES

This industry comprises establishments primarily engaged in manufacturing curtains and draperies from purchased materials. For a detailed list of products of industry 2391, refer to table 6A, product codes 2391011 to 2391058.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Curtains and Draperies Industry totaled \$313 million. This amount included shipments of curtains and draperies, except lace (primary products) valued at \$263 million, shipments of other products (secondary products) valued at \$10 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$40 million.

This industry's shipments of curtains and draperies represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was 96 percent. Secondary products shipped by this industry in 1963 consisted mainly of bedspreads and bed sets (\$7 million).

Shipments of curtains and draperies, except lace, by this industry represented 95 percent of all shipments of these products (\$278 million) by all industries. In 1958 the coverage ratio was 92 percent. Other industries shipping curtains and draperies consisted mainly of industry 2392, Housefurnishings, N.E.C., \$12 million.

The production index for the primary products of the industry increased to 173 in 1963 from the 1958 level of 123. The unit value index for 1963 was 95 compared to 96 in 1958. Both indexes were computed on a basis of 1954 = 100.

2392—HOUSEFURNISHINGS, EXCEPT CURTAINS AND DRAPERIES

This industry comprises establishments primarily engaged in manufacturing housefurnishings from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in industry 2391. Establishments primarily producing housefurnishings from fabrics woven at the same establishment are classified in the appropriate weaving industry, generally industry 2211, Weaving Mills, Cotton. For a detailed list of products of industry 2392, refer to table 6A, product codes 2392621 to 2392098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Housefurnishings, N.E.C., Industry totaled \$717 million. This amount included shipments of housefurnishings, except curtains and draperies (primary products), valued at \$578 million, shipments of other products (secondary products) valued at \$80 million, and miscellaneous receipts at \$59 million.

This industry's shipments of housefurnishings represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 88 percent. Secondary products shipped by this industry in 1963 consisted of a wide range of products, including curtains and draperies, except lace (\$12 million), and fabricated textile products, n.e.c. (\$5 million).

Shipments of housefurnishings by this industry represented 50 percent of all shipments of these products (\$1,155 million) by all industries. In 1958 the coverage ratio was 58 percent.

Comparability of Census and Current Survey Data

The Census Bureau also conducts a number of current surveys of textile mills. The data relating to the product information shown in table 6A are published in the following Current Industrial Reports Series:

M22L—Tufted Textile Products

M23X—Sheets, Pillowcases, and Towels

The tufted bedspreads and bedsets data as published in Series M22L are directly comparable to the information collected in the census of manufactures.

The differences in the two sets of data are primarily due to reporting differences for individual plants furnishing data in both surveys. The census data are believed to reflect the shipments aggregate more accurately.

The sheets, pillowcases, and towels data are also comparable to the information previously published in Series M23X. However, the 1958 data as published in the census were revised when issued in the M23X report. In the 1958 census separate reports were received for each manufacturing plant. In some cases a manufacturing plant produced sheets, pillowcases, or towels on commission for another office of the company or for another company. In such cases the manufacturing plant reported the quantity of products produced and commission receipts for work performed. Where the other office for whom the products were made did not perform any manufacturing operations, the establishment, such as a selling office, was excluded from the census of manufactures. Consequently, the 1958 data representing shipments from manufacturing plants understated the shipments data for individual products.

In order to obtain 1958 data comparable to that shown for later years, the 1958 data were revised for plants producing products for the account of nonmanufacturing establishments.

The production index for the primary products of the industry increased to 149 in 1963 from the 1958 level of 119. The unit value index for 1963 was 101 compared to 100 in 1958. Both indexes were computed on a basis of 1954 = 100.

2393—TEXTILE BAGS

This industry comprises establishments primarily engaged in manufacturing cotton, burlap, and other textile bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in industry 2643. For a detailed list of products of industry 2393, refer to table 6A, product codes 2393012 to 2393097.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Textile Bags Industry totaled \$200 million. This amount included shipments of textile bags (primary products) valued at \$154 million, shipments of other products (secondary products) valued at \$22 million, and miscellaneous receipts at \$25 million.

This industry's shipments of textile bags represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 83 percent. Secondary products shipped by this industry in 1963 consisted mainly of bags, except textile bags (\$15 million).

Shipments of textile bags by this industry represented 85 percent of all shipments of these products (\$182 million) by all industries. In 1958 the coverage ratio was 85 percent. Other industries shipping textile bags consisted mainly of industry 2643, Bags, Except Textile Bags, \$20 million.

The production index for the primary products of the industry decreased to 72 in 1963 from the 1958 level of 78. The unit value index for 1963 was 121 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2394—CANVAS PRODUCTS

This industry comprises establishments primarily engaged in manufacturing awnings, tents, and other canvas products from purchased canvas. Establishments primarily engaged in manufacturing canvas bags are classified in industry 2393. For a detailed list of products of industry 2394, refer to table 6A, product codes 2394021 to 2394098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Canvas Products Industry totaled \$166 million. This amount included shipments of canvas products (primary products) valued at \$139 million, shipments of other products (secondary products) valued at \$12 million, and miscellaneous receipts at \$15 million.

This industry's shipments of canvas products represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry in 1963 consisted mainly of fabricated textile products, n.e.c. (\$5 million).

Shipments of canvas products by this industry in 1963 represented 91 percent of all shipments of these products (\$153 million) by all industries. In 1958, the coverage ratio was 90 percent. Other industries shipping canvas products consisted mainly of industry 2393, Textile Bags, and industry 2211, Weaving Mills, Cotton.

2395—PLEATING, DECORATIVE AND NOVELTY STITCHING, AND TUCKING FOR THE TRADE

This industry comprises establishments primarily engaged in pleating, decorative and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in industry 2396. For a detailed list of products of industry 2395, refer to table 6A, product codes 2395112 to 2395931.

While the identifying code number for this industry has been changed from the code number used in 1958, the content of the industry is unchanged.

Value of shipments and other receipts of the Pleating and Stitching Industry totaled \$150 million. This amount included shipments of pleating and stitching (primary products) valued at \$129 million, shipments of other products (secondary products) valued at \$4 million, and miscellaneous receipts at \$18 million.

This industry's shipments of pleating and stitching represented 97 percent of its total product shipments.

Shipments of pleating and stitching by this industry represented 98 percent of all shipments of these products (\$132 million) by all industries.

2396—APPAREL FINDINGS AND RELATED PRODUCTS

This industry comprises establishments primarily engaged in manufacturing apparel findings, trimmings, and related products. For a detailed list of products of industry 2396, refer to table 6A, product codes 2396111 to 2396399.

While the identifying code number for this industry has been changed from the code number used in 1958, the content of the industry is unchanged.

Value of shipments and other receipts of the Apparel Findings Industry totaled \$571 million. This amount included shipments of apparel findings and related products (primary products) valued at \$539 million; shipments of other products (secondary products) valued at \$11 million, and miscellaneous receipts at \$21 million.

This industry's shipments of apparel findings represented 98 percent of its total product shipments.

Shipments of apparel findings and related products by this industry represented 97 percent of all shipments of these products (\$556 million) by all industries.

2397—SCHIFFLI MACHINE EMBROIDERIES

This industry comprises establishments primarily engaged in manufacturing Schiffli machine embroideries. No detailed product statistics were collected for this industry and all Schiffli machine embroideries are included in table 6A, product code 2397012.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Schiffli Machine Embroideries Industry totaled \$97 million. This amount included shipments of Schiffli machine embroideries (primary products) valued at \$72 million, shipments of other products (secondary products) valued at \$3 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$22 million.

This industry's shipments of Schiffli machine embroideries represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was 99 percent.

Shipments of Schiffli machine embroideries by this industry represented 99 percent of all shipments of these products (\$73 million) by all industries. In 1958 the coverage ratio was 97 percent.

2399—FABRICATED TEXTILE PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing fabricated textile products, n.e.c. For a detailed list of products of industry 2399, refer to table 6A, product codes 2399012 to 2399098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Textile Products, N.E.C., Industry totaled \$342 million. This amount included shipments of fabricated textile products, n.e.c. (primary products), valued at \$272 million, shipments of other products (secondary products) valued at \$45 million, and miscellaneous receipts at \$25 million.

This industry's shipments of fabricated textile products, n.e.c., represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 88 percent.

Shipments of fabricated textiles, n.e.c., by this industry represented 75 percent of all shipments of these products (\$362 million) by all industries. In 1958 the coverage ratio was 75 percent.

FABRICATED TEXTILES, N.E.C.: SIC 239 Value Added by Manufacture by State: 1963

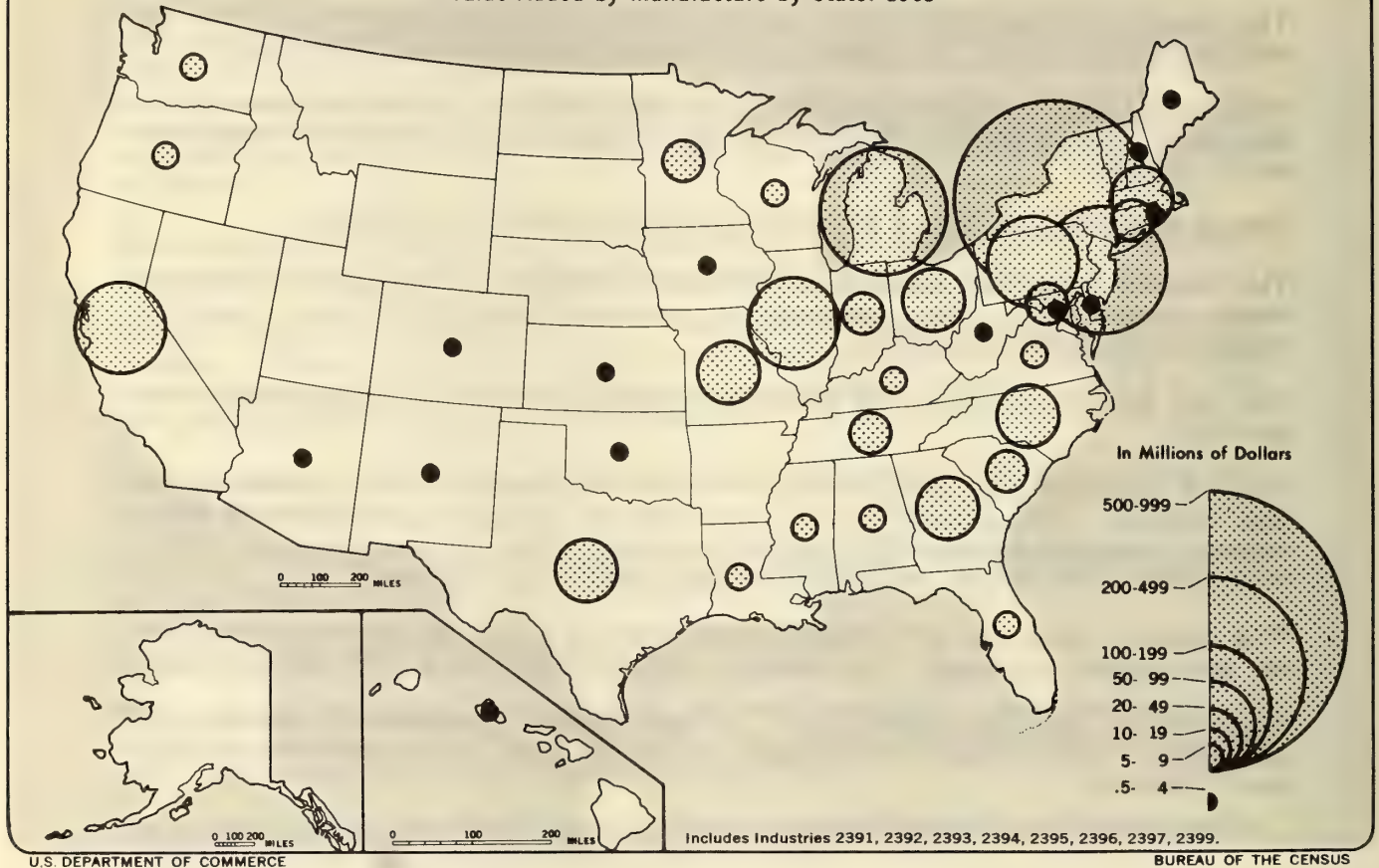


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2391.—CURTAINS AND DRAPERIES														
1963.....	1,092	¹ 1,121	255	21,955	75,114	19,023	35,826	56,439	131,995	182,363	312,987	2,936	96	95
1962 ²	(NA)	(NA)	(NA)	19,777	62,538	17,140	32,509	44,847	105,881	165,992	274,439	(2,974)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	19,602	60,962	17,126	32,530	44,196	111,806	150,361	263,535	(S)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	17,863	54,821	15,596	29,432	39,966	100,301	148,704	250,147	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	17,601	51,774	15,215	28,705	37,137	99,528	154,783	255,629	(S)	(NA)	(NA)
1958.....	759	783	206	16,366	48,403	14,141	26,814	36,923	87,273	130,865	217,029	1,861	96	92
1957 ²	(NA)	(NA)	(NA)	15,102	42,193	12,972	24,028	30,917	71,979	127,836	198,740	(S)	93	93
1956 ²	(NA)	(NA)	(NA)	15,534	41,404	13,342	24,024	30,288	68,533	130,917	196,917	962	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	15,132	38,804	13,056	23,702	28,344	68,007	(S)	(S)	1,284	(NA)	(NA)
1954.....	697	716	182	13,988	36,899	12,350	22,976	27,304	63,816	117,359	180,180	1,208	94	89
1947.....	379	397	109	7,982	17,081	6,928	(NA)	11,702	34,909	74,731	109,640	748	97	90
1939.....	(NA)	327	(NA)	(NA)	(NA)	7,691	(NA)	5,310	13,653	32,825	46,478	(NA)	(NA)	(NA)
INDUSTRY 2392.—HOUSEFURNISHINGS, N.E.C.														
1963.....	1,205	1,239	422	39,690	142,820	33,637	63,931	102,676	285,759	433,147	716,650	8,384	88	50
1962 ²	(NA)	(NA)	(NA)	39,437	136,224	34,000	65,904	96,181	262,655	487,683	739,784	(6,577)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	39,167	129,941	33,984	65,941	92,425	246,668	465,944	706,946	(S)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	37,682	124,675	32,319	63,049	88,092	249,627	442,338	674,029	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	37,039	117,985	31,763	63,034	85,897	231,565	431,723	656,639	5,278	(NA)	(NA)
1958.....	1,177	1,205	393	36,769	113,402	31,552	59,297	83,302	218,295	399,528	616,224	6,072	88	58
1957 ²	(NA)	(NA)	(NA)	41,829	121,200	36,526	67,314	90,039	225,890	407,420	624,772	4,232	88	(NA)
1956 ²	(NA)	(NA)	(NA)	39,249	110,682	34,277	64,235	82,229	201,382	389,542	584,186	6,056	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	38,200	103,991	33,395	63,699	76,942	200,078	366,012	557,210	4,181	(NA)	(NA)
1954 ³	1,203	1,213	361	36,188	97,105	31,948	59,271	71,686	178,536	348,438	526,257	4,363	91	59
1953 ²	(NA)	(NA)	(NA)	42,179	112,843	38,109	70,644	89,739	200,619	460,475	661,094	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	43,959	116,234	39,234	76,527	88,269	224,839	484,638	709,477	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	38,175	98,671	34,152	64,413	74,633	183,849	489,166	673,015	(NA)	(NA)	(NA)
1947.....	(NA)	1,232	(NA)	39,946	78,272	36,119	(NA)	62,565	155,715	346,746	502,461	5,001	93	87
1939.....	(NA)	584	(NA)	(NA)	(NA)	20,096	(NA)	13,219	34,219	59,758	93,977	(NA)	(NA)	(NA)
INDUSTRY 2393.—TEXTILE BAGS														
1963.....	175	192	88	7,191	28,254	6,125	11,906	20,681	56,523	144,648	200,426	1,878	88	85
1962 ²	(NA)	(NA)	(NA)	9,053	34,814	7,942	14,769	24,455	70,295	161,747	229,194	(1,576)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	8,884	32,256	7,725	14,580	22,637	59,913	161,104	221,038	1,873	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	8,944	34,083	7,717	15,170	23,661	65,228	157,865	223,368	2,863	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	8,415	30,610	7,222	13,860	21,125	58,920	144,664	205,511	(S)	-	-
1958.....	217	237	101	9,114	30,047	7,557	14,673	21,942	51,638	153,800	204,379	1,512	83	85
1957 ²	(NA)	(NA)	(NA)	10,897	36,050	8,486	16,769	23,865	50,390	158,832	208,116	814	86	87
1956 ²	(NA)	(NA)	(NA)	11,928	36,886	9,436	18,135	25,083	56,456	168,898	221,790	1,749	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	12,044	35,711	9,416	17,675	23,691	55,740	163,277	217,585	(S)	(NA)	(NA)
1954.....	235	268	121	12,109	35,120	9,897	18,748	24,329	55,114	198,980	254,260	3,941	84	85
1953 ²	(NA)	(NA)	(NA)	11,854	34,449	9,873	19,373	24,185	52,781	179,769	232,550	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	17,073	46,890	14,533	28,407	32,774	101,416	328,383	429,799	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	16,524	41,149	14,124	28,284	29,900	81,146	277,937	359,083	(NA)	(NA)	(NA)
1947.....	198	232	(NA)	13,850	28,279	12,129	(NA)	20,984	66,320	289,661	355,981	3,918	93	98
1939.....	(NA)	216	(NA)	13,903	14,531	11,991	(NA)	10,003	27,895	93,807	121,702	(NA)	(NA)	(NA)
1937.....	(NA)	186	(NA)	13,499	13,161	12,075	(NA)	9,746	26,276	103,725	130,001	(NA)	(NA)	(NA)
1935.....	(NA)	198	(NA)	12,187	11,189	10,920	(NA)	8,048	23,565	88,001	111,566	(NA)	(NA)	(NA)
1933.....	(NA)	169	(NA)	11,757	9,526	10,543	(NA)	6,977	22,578	69,537	92,115	(NA)	(NA)	(NA)
1931.....	(NA)	189	(NA)	(NA)	(NA)	11,985	(NA)	9,111	25,818	79,173	104,991	(NA)	(NA)	(NA)
1929.....	(NA)	202	(NA)	13,475	14,379	11,828	(NA)	9,645	25,901	144,275	170,176	(NA)	(NA)	(NA)
1927.....	(NA)	181	(NA)	12,709	13,738	11,164	(NA)	9,548	26,202	136,748	162,950	(NA)	(NA)	(NA)
1925.....	(NA)	162	(NA)	12,933	13,075	11,404	(NA)	9,332	24,980	150,102	175,082	(NA)	(NA)	(NA)
1923.....	(NA)	169	(NA)	13,321	13,301	11,548	(NA)	9,361	23,454	128,222	151,676	(NA)	(NA)	(NA)
1921.....	(NA)	169	(NA)	11,786	11,444	10,324	(NA)	8,032	16,014	99,438	115,452	(NA)	(NA)	(NA)
1919.....	(NA)	216	(NA)	12,476	11,850	10,756	(NA)	7,757	38,041	176,018	214,059	(NA)	(NA)	(NA)
1914.....	(NA)	138	(NA)	10,314	5,307	9,358	(NA)	3,789	12,028	67,021	79,049	(NA)	(NA)	(NA)
1909.....	(NA)	109	(NA)	8,766	4,010	7,968	(NA)	2,942	8,518	46,364	54,882	(NA)	(NA)	(NA)
1904.....	(NA)	79	(NA)	6,254	2,430	5,722	(NA)	1,829	6,641	30,758	37,399	(NA)	(NA)	(NA)
1899.....	(NA)	73	(NA)	4,258	1,482	3,922	(NA)	1,102	3,213	16,439	19,652	(NA)	(NA)	(NA)
INDUSTRY 2394.—CANVAS PRODUCTS														
1963.....	869	881	124	11,170	44,550	8,964	17,587	30,576	73,534	93,106	166,402	2,090	92	91
1962 ²	(NA)	(NA)	(NA)	11,465	43,328	9,318	17,767	29,486	71,020	90,205	161,143	2,286	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	10,713	39,425	8,636	16,203	26,230	65,014	85,361	149,015	(S)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	11,832	42,147	9,533	18,598	28,027	69,492	87,723	155,459	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	10,343	37,386	8,206	16,078	25,112	58,948	80,519	139,943	(S)	(NA)	(NA)
1958.....	844	851	123	9,875	35,175	7,679	14,692	23,730	53,696	78,034	131,336	1,848	90	90
1955 ²	(NA)	(NA)	(NA)	12,743	39,803	9,624	19,256	24,855	67,440	75,679	138,505	(S)	(NA)	(NA)
1954.....	1,100	1,119	150	13,540	40,180	10,724	(NA)	25,917	65,146	82,312	147,683	1,285	89	86
1947.....	889	903	(NA)	10,603	24,751	8,669	(NA)	17,491	41,424	49,684	91,108	1,399	91	93

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
1963.....	INDUSTRY 2395.—PLEATING AND STITCHING													
	1,315	1,316	245	16,353	55,528	14,679	27,975	46,349	95,240	55,060	150,183	2,837	97	98
	INDUSTRY 2396.—APPAREL FINDINGS													
1963.....	746	756	213	24,539	122,633	20,813	40,073	94,156	227,810	343,494	570,616	8,321	98	97
INDUSTRIES 2395 and 2396.—PLEATING, STITCHING AND APPAREL FINDINGS														
1963 ⁴	2,061	2,072	458	40,892	178,151	35,492	68,048	140,505	323,050	398,554	720,799	11,158	(X)	(X)
1962 ²	(NA)	(NA)	(NA)	37,825	152,794	33,679	61,398	117,235	256,184	328,716	585,369	(6,116)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	38,210	137,531	32,640	61,089	104,081	234,135	298,876	532,682	(NA)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	38,418	135,519	33,141	61,799	104,212	242,223	318,344	564,461	7,339	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	35,204	126,035	29,642	55,922	96,577	226,677	277,434	504,481	6,268	(NA)	(NA)
1958.....	2,170	2,189	414	32,986	116,993	27,740	50,854	89,548	177,784	247,730	431,890	5,769	94	96
1954.....	(NA)	2,462	507	39,392	113,157	34,983	62,322	87,542	180,974	213,126	392,098	9,243	(NA)	(NA)
1947.....	2,375	(NA)	(NA)	36,903	81,475	33,485	(NA)	65,926	148,826	123,899	272,725	3,199	(NA)	(NA)
1939.....	(NA)	1,271	(NA)	(NA)	(NA)	19,942	(NA)	17,202	39,136	36,706	75,842	(NA)	(NA)	(NA)
INDUSTRY 2397.—SCHIFFLI MACHINE EMBROIDERIES														
1963.....	755	759	68	6,145	30,517	5,529	11,854	25,957	55,411	42,190	97,406	2,425	96	99
1962 ²	(NA)	(NA)	(NA)	5,712	25,879	5,013	10,676	21,214	45,414	28,956	73,600	(1,912)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	5,717	24,821	5,066	10,426	20,117	45,497	32,535	77,850	(S)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	5,908	26,262	5,330	11,501	22,304	46,410	33,788	79,531	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	5,899	26,730	5,339	11,591	23,194	49,413	34,841	83,318	(S)	(NA)	(NA)
1958.....	702	703	48	5,739	24,451	5,148	10,772	20,771	44,311	31,275	75,484	3,593	99	97
1954.....	601	601	57	5,715	19,739	5,061	9,969	14,772	34,870	32,886	67,858	1,016	98	99
1947.....	542	546	53	5,678	15,054	5,080	10,458	11,681	31,733	23,781	55,514	826	98	96
1939.....	(NA)	398	(NA)	4,176	4,317	3,750	(NA)	3,248	7,993	6,129	14,122	(NA)	(NA)	(NA)
1937.....	(NA)	271	(NA)	3,039	3,188	2,757	(NA)	2,417	5,738	4,451	10,189	(NA)	(NA)	(NA)
1935.....	(NA)	308	(NA)	2,640	2,815	2,360	(NA)	2,162	5,355	4,263	9,618	(NA)	(NA)	(NA)
1933 ⁵	(NA)	547	(NA)	(NA)	(NA)	4,652	(NA)	3,874	7,933	4,261	12,194	(NA)	(NA)	(NA)
1931.....	(NA)	329	(NA)	(NA)	(NA)	2,473	(NA)	2,786	6,562	4,341	10,903	(NA)	(NA)	(NA)
1929.....	(NA)	326	(NA)	3,026	3,841	2,757	(NA)	3,119	7,744	4,104	11,848	(NA)	(NA)	(NA)
1927.....	(NA)	412	(NA)	3,628	4,923	3,276	(NA)	4,041	9,051	6,296	15,347	(NA)	(NA)	(NA)
INDUSTRY 2399.—TEXTILE PRODUCTS, N.E.C.														
1963.....	1,027	1,044	240	21,350	79,252	17,880	34,384	56,980	145,153	196,209	342,311	4,518	86	75
1962 ²	(NA)	(NA)	(NA)	19,381	71,318	16,568	33,121	52,887	135,599	153,885	284,549	(2,804)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	18,660	64,740	15,793	30,576	47,001	125,849	152,413	273,805	(S)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	18,220	62,926	15,120	28,710	44,374	115,895	144,378	261,580	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	19,618	64,203	16,497	31,006	46,647	114,119	157,560	270,291	(S)	(NA)	(NA)
1958.....	906	919	212	17,930	57,786	14,681	27,667	41,272	98,087	146,500	247,113	2,781	88	76

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹A review of the reports for 1963 indicates that there were approximately 300 small establishments included in this industry that described their activities as custom drapery producers, interior decorators workrooms, etc. Approximately half of these establishments were classified as nonmanufacturing in the 1958 census.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³Data for 1954 and later years are not closely related to prior information. Beginning in 1954 some fabricating departments of textile mills which had been submitting separate reports discontinued this practice in 1954 and included the fabricating department in the report for the weaving mill. Such fabricating departments accounted for more than 15 percent of the 1954 employment shown for industry 2392. This change in reporting also accounted for the decline in the coverage ratio from 87 in 1947 to 59 in 1954.

⁴The total shown for 1963 and prior years are for the combined industries 2395 and 2396. These industries were separately defined for the 1958 Census of Manufactures. However, a large number of establishments, accounting for approximately 10 percent of the 1958 shipments, did not report sufficient information to properly classify them into one of the two industries. Therefore, for that census, the data for the two industries were combined.

⁵Figures for 1933 for Schiffli machine embroideries include data for embroideries, except Schiffli machine. Separate figures are not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2391.—CURTAINS AND DRAPERIES													
Total.....	1,121	255	21,955	75,114	19,023	35,826	56,439	131,995	182,363	312,987	2,936	16,366	87,273
New England.....	80	47	4,906	15,490	4,452	8,435	12,389	23,064	40,131	63,363	283	4,282	22,128
Massachusetts....	62	39	3,993	12,664	3,578	6,752	9,819	18,904	34,209	53,414	246	3,355	17,926
Middle Atlantic....	334	84	6,204	23,964	5,199	9,825	16,650	46,647	80,520	126,777	705	5,583	31,200
New York.....	240	63	3,864	16,216	3,137	5,955	10,602	32,886	67,051	99,536	496	3,637	21,118
New Jersey.....	31	8	926	3,221	823	1,528	2,661	5,666	2,931	8,635	63	906	4,579
Pennsylvania.....	63	13	1,414	4,527	1,239	2,342	3,387	8,095	10,538	18,606	146	1,040	5,503
East North Central.	150	24	1,738	5,838	1,425	2,716	4,167	10,396	11,278	21,822	583	1,706	10,298
Ohio.....	32	7	436	1,639	356	695	1,063	2,831	3,350	6,199	435	455	3,108
Indiana.....	12	3	208	612	196	382	527	937	1,074	2,012	10	226	1,365
Illinois.....	72	8	782	2,608	609	1,108	1,814	4,607	5,458	10,168	111	838	5,240
Michigan.....	28	4	224	702	192	387	545	1,475	1,189	2,675	23	(²)	(²)
West North Central.	35	6	430	1,424	352	661	963	2,352	2,838	5,230	11	442	2,769
Minnesota.....	13	3	149	397	125	230	298	704	760	1,447	9	(²)	(²)
Missouri.....	11	3	255	964	202	384	605	1,540	2,022	3,619	(D)	310	2,215
South Atlantic.....	106	24	3,230	9,602	2,909	5,553	7,704	17,978	19,961	36,698	808	1,052	4,874
North Carolina...	16	9	1,959	5,789	1,771	3,328	4,591	12,302	16,501	27,535	693	380	2,236
South Carolina...	4	1	117	349	110	234	297	482	235	732	13	(²)	(²)
Georgia.....	20	8	698	2,072	641	1,250	1,777	2,796	1,726	4,536	53	(²)	(²)
Florida.....	36	4	266	736	230	445	573	1,314	746	2,057	28	146	530
East South Central.	14	4	472	1,277	433	813	1,023	1,895	1,558	3,537	52	323	1,315
West South Central.	53	7	668	2,146	592	1,122	1,612	3,835	5,179	8,963	67	395	1,877
Mountain.....	50	4	340	917	295	569	758	1,668	1,075	2,729	32	202	869
Arizona.....	21	1	191	505	167	322	419	941	512	1,447	19	136	595
Pacific.....	299	55	3,967	14,456	3,366	6,132	11,173	24,160	19,823	43,868	395	2,371	11,943
Washington.....	22	4	220	770	178	350	567	1,126	1,694	2,813	25	(²)	(²)
California.....	261	50	3,587	13,230	3,050	5,519	10,240	22,211	17,009	39,109	358	2,023	10,358
INDUSTRY 2392.—HOUSEFURNISHINGS, N.E.C.													
Total.....	1,239	422	39,690	142,820	33,637	63,931	102,676	285,759	433,147	716,650	8,384	36,769	218,295
New England.....	71	26	2,320	8,710	2,050	3,757	6,613	15,262	33,078	48,277	303	2,303	15,667
Massachusetts....	42	17	1,387	5,399	1,211	2,103	3,803	9,163	14,129	23,413	185	1,525	9,978
Middle Atlantic....	580	194	15,265	57,281	12,798	24,275	40,622	119,347	151,467	269,665	2,609	13,768	86,013
New York.....	423	129	8,956	36,381	7,463	14,226	25,264	76,521	103,005	178,927	1,446	9,505	60,261
New Jersey.....	94	35	3,163	10,722	2,676	4,931	7,806	23,608	25,564	49,109	893	1,872	10,822
Pennsylvania.....	63	30	3,146	10,178	2,659	5,118	7,552	19,218	22,898	41,629	270	2,391	14,930
East North Central.	158	52	4,296	17,953	3,570	6,987	12,174	32,859	47,872	81,003	870	3,917	28,361
Ohio.....	30	9	552	2,131	463	865	1,423	5,298	5,839	11,078	106	485	3,257
Indiana.....	12	2	457	1,761	379	797	1,232	3,106	2,210	5,230	(D)	288	1,641
Illinois.....	90	34	2,784	11,987	2,297	4,491	8,052	20,234	33,629	54,296	457	2,762	20,943
Michigan.....	17	4	330	1,273	295	582	1,038	2,519	3,779	6,273	72	286	2,032
Wisconsin.....	9	3	173	801	136	252	429	1,702	2,415	4,126	(D)	(²)	(²)
West North Central.	44	17	1,190	3,889	1,003	1,877	2,678	6,313	7,264	13,457	341	982	5,572
Minnesota.....	11	4	266	769	236	421	547	1,256	1,018	2,261	29	219	439
Missouri.....	23	7	378	1,488	298	571	829	3,434	3,737	7,191	83	440	3,000
South Atlantic.....	170	71	10,849	35,260	9,267	17,470	26,377	74,159	120,680	193,961	3,222	10,270	50,841
Maryland.....	14	5	734	3,332	626	1,192	1,945	6,779	6,709	12,914	103	1,047	6,580
North Carolina...	28	11	2,955	10,439	2,673	5,526	8,547	20,429	55,023	75,314	1,588	3,066	14,233
South Carolina...	17	8	754	2,091	697	1,360	1,835	3,323	2,384	5,689	84	238	909
Georgia.....	66	34	4,859	13,795	3,958	6,848	10,061	34,933	46,557	81,408	1,105	4,222	20,058
Florida.....	25	5	338	1,124	304	586	873	1,918	2,301	4,102	103	241	1,407
East South Central.	43	17	2,422	7,089	2,077	4,031	5,637	13,274	41,721	55,229	448	2,707	16,104
Tennessee.....	16	5	763	2,199	679	1,274	1,812	3,805	9,152	13,051	40	964	4,081
Alabama.....	13	5	828	2,548	707	1,517	2,066	4,325	23,610	27,956	245	1,030	9,390
West South Central.	42	8	712	2,047	622	1,115	1,503	3,524	4,354	7,787	75	739	3,879
Texas.....	32	5	512	1,436	449	840	1,094	2,627	2,850	5,524	66	585	3,354
Mountain.....	6	1	31	83	27	51	68	256	99	355	(D)	14	16
Pacific.....	125	36	2,605	10,508	2,223	4,368	7,004	20,765	26,612	46,916	(D)	2,069	11,842
Oregon.....	6	2	180	784	147	281	454	1,465	1,502	2,972	43	(²)	(²)
California.....	109	34	2,358	9,427	2,021	3,980	6,325	18,271	23,962	41,766	445	1,897	10,961

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2393.—TEXTILE BAGS													
Total.....	192	88	7,191	28,254	6,125	11,906	20,681	56,523	144,648	200,426	1,878	9,114	51,638
New England.....	12	2	133	410	113	211	305	800	1,103	1,884	32	228	1,279
Middle Atlantic....	60	23	1,463	5,534	1,251	2,354	4,171	10,026	22,933	32,984	455	1,711	9,913
New York.....	37	14	779	2,764	661	1,217	2,068	5,119	12,069	17,148	218	978	5,625
New Jersey.....	9	3	341	1,300	295	553	975	2,186	5,372	7,613	43	313	1,614
Pennsylvania.....	14	6	343	1,470	295	584	1,128	2,721	5,492	8,223	194	420	2,674
East North Central.	30	8	632	2,645	536	1,054	1,984	4,332	13,697	17,955	116	601	3,102
Illinois.....	10	1	144	560	121	219	380	1,087	2,760	3,821	(D)	215	1,128
West North Central.	11	11	711	3,131	610	1,246	2,264	6,043	16,259	22,191	160	1,044	7,919
Missouri.....	6	6	438	1,997	389	793	1,476	3,667	11,109	14,631	93	486	3,710
South Atlantic....	25	13	1,021	3,632	874	1,648	2,648	7,829	18,549	26,178	409	1,358	7,571
Virginia.....	7	4	327	1,260	262	500	794	2,151	6,759	8,829	162	431	1,888
North Carolina...	4	4	425	1,355	381	723	1,088	2,408	6,741	9,039	93	308	1,898
Georgia.....	6	3	180	700	154	276	539	2,573	3,174	5,752	136	419	2,935
East South Central.	11	6	564	2,010	506	966	1,470	3,347	13,711	17,177	27	443	1,673
Tennessee.....	4	3	423	1,516	388	737	1,130	2,741	10,207	12,953	9	198	973
West South Central.	22	14	1,482	5,471	1,250	2,483	3,993	12,878	33,183	45,974	325	2,104	9,891
Texas.....	14	8	894	3,494	743	1,520	2,567	7,901	18,383	26,105	246	1,282	6,918
West.....	21	11	1,185	5,421	985	1,944	3,846	11,268	25,213	36,083	354	1,625	10,290
California.....	12	6	658	3,211	549	1,078	2,192	6,570	12,793	19,382	308	958	5,804
INDUSTRY 2394.—CANVAS PRODUCTS													
Total.....	881	124	11,170	44,550	8,964	17,587	30,576	73,534	93,106	166,402	2,090	9,875	53,696
New England.....	77	5	715	2,846	596	1,108	2,114	4,322	3,557	7,746	83	437	2,448
Massachusetts....	37	4	509	2,007	435	799	1,552	3,032	2,512	5,423	38	262	1,748
Connecticut.....	20	1	115	481	87	165	305	704	505	1,207	25	125	495
Middle Atlantic....	214	26	2,162	8,573	1,779	3,422	6,242	16,022	16,712	32,650	357	1,863	11,266
New York.....	123	17	1,423	5,656	1,162	2,149	4,092	10,063	9,769	19,790	160	1,061	6,832
New Jersey.....	36	2	238	1,071	201	425	735	2,646	2,463	5,067	125	234	1,223
Pennsylvania.....	55	7	501	1,846	416	848	1,415	3,313	4,480	7,793	72	568	3,211
East North Central.	187	37	2,771	11,128	2,165	4,129	7,237	17,470	18,678	36,285	613	2,512	12,840
Ohio.....	57	9	719	2,758	549	1,044	1,684	3,788	3,822	7,669	101	892	2,898
Indiana.....	23	8	500	2,067	411	806	1,382	3,076	4,189	7,203	55	447	2,505
Illinois.....	49	11	722	2,963	528	1,010	1,871	5,373	4,363	9,637	178	609	3,803
Michigan.....	40	7	586	2,376	498	948	1,693	3,450	4,914	8,625	98	281	1,848
Wisconsin.....	18	2	244	964	179	321	607	1,783	1,390	3,151	181	283	1,786
West North Central.	88	16	1,626	6,191	1,328	2,736	4,359	11,306	16,261	26,924	441	1,581	9,070
Minnesota.....	13	2	154	797	102	194	383	1,266	1,290	2,502	46	190	1,252
Iowa.....	21	2	187	746	141	290	473	1,488	1,188	2,664	26	421	2,741
Missouri.....	26	8	1,016	3,697	866	1,835	2,836	6,846	11,788	18,089	312	773	3,866
Kansas.....	12	3	175	636	145	287	440	1,205	1,383	2,564	41	110	810
South Atlantic....	95	16	1,665	6,670	1,314	2,657	4,407	9,561	15,884	25,329	265	1,154	5,547
Maryland.....	19	3	500	2,573	325	723	1,220	2,486	6,754	9,204	107	474	2,162
North Carolina...	13	4	566	1,867	518	1,007	1,513	3,517	5,215	8,616	76	168	896
Florida.....	35	5	265	991	210	408	719	1,501	1,324	2,862	35	240	1,182
East South Central.	30	5	597	1,923	477	932	1,291	2,912	5,343	8,341	41	491	2,048
Tennessee.....	14	3	361	1,155	282	530	793	1,907	3,231	5,188	20	277	1,165
West South Central.	57	8	501	1,885	418	846	1,426	3,250	4,915	8,182	119	502	2,090
Texas.....	42	5	331	1,204	265	535	837	2,274	3,096	5,371	104	288	1,173
Mountain.....	22	2	152	670	118	232	428	1,141	1,332	2,505	27	187	1,215
Pacific.....	111	9	981	4,664	769	1,515	3,072	7,550	10,424	18,440	144	1,148	7,172
Washington.....	23	2	187	884	143	262	512	1,483	1,799	3,350	27	222	1,270
California.....	79	6	739	3,605	590	1,176	2,433	5,686	8,226	14,309	103	899	5,752

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRIES 2395 and 2396.—PLEATING, STITCHING AND APPAREL FINDINGS													
Total.....	2,072	458	40,892	178,151	35,492	68,048	140,505	323,050	398,554	720,799	11,158	32,986	177,784
New England.....	93	26	2,553	8,603	2,081	3,663	5,981	14,289	13,327	27,691	329	(²)	(²)
Massachusetts....	64	20	2,123	7,072	1,703	2,935	4,867	11,470	11,613	23,076	300	1,040	5,445
Middle Atlantic....	1,464	323	21,004	78,006	18,383	34,358	61,526	137,435	115,264	253,243	2,885	20,671	111,872
New York.....	1,141	267	16,499	61,948	14,342	26,764	48,488	107,754	93,461	201,603	2,172	16,515	90,458
New Jersey.....	238	29	2,536	9,943	2,276	4,329	8,137	19,202	11,876	31,109	444	2,455	13,655
Pennsylvania.....	85	27	1,969	6,115	1,765	3,265	4,901	10,479	9,927	20,531	269	1,701	7,759
East North Central.	151	39	12,220	74,593	10,461	21,289	59,252	141,420	241,423	381,914	6,423	7,326	40,047
Illinois.....	73	22	2,424	9,397	2,106	3,961	7,221	18,731	32,379	50,316	248	1,486	9,346
West North Central.	54	12	614	2,137	542	1,005	1,666	2,874	2,297	5,177	140	(²)	(²)
South and West.....	310	58	4,501	14,822	4,025	7,733	12,080	27,032	26,243	52,774	1,381	(²)	(²)
Maryland.....	10	3	253	805	219	408	631	1,228	918	2,146	16	305	1,215
Texas.....	31	7	298	999	262	484	760	1,818	2,519	4,365	113	(²)	(²)
California.....	141	23	1,980	7,011	1,746	3,479	5,681	13,060	10,854	23,432	243	1,510	7,997
INDUSTRY 2395.—PLEATING AND STITCHING													
Total.....	1,316	245	16,353	55,528	14,679	27,975	46,349	95,240	55,060	150,183	2,837	(NA)	(NA)
New England.....	50	14	910	2,641	805	1,334	2,162	4,220	2,249	6,460	129	(NA)	(NA)
Massachusetts....	41	13	858	2,485	762	1,249	2,066	3,882	2,167	6,037	124	(NA)	(NA)
Middle Atlantic....	935	183	11,720	41,443	10,528	20,390	34,752	71,218	39,239	110,694	1,709	(NA)	(NA)
New York.....	689	158	9,482	33,939	8,470	16,547	28,220	57,859	33,515	91,585	1,330	(NA)	(NA)
New Jersey.....	201	19	1,619	5,944	1,491	2,772	5,191	11,083	4,491	15,581	312	(NA)	(NA)
Pennsylvania.....	45	6	619	1,560	567	1,071	1,341	2,276	1,233	3,528	67	(NA)	(NA)
East North Central.	87	9	1,007	3,340	883	1,566	2,574	5,882	6,397	11,913	123	(NA)	(NA)
Ohio.....	24	-	108	339	92	172	285	740	250	1,006	24	(NA)	(NA)
Illinois.....	38	8	816	2,718	722	1,261	2,066	4,692	5,777	10,093	82	(NA)	(NA)
West North Central.	33	8	434	1,414	393	716	1,130	1,952	1,295	3,263	63	(NA)	(NA)
Missouri.....	17	5	299	920	272	487	741	1,102	484	1,594	23	(NA)	(NA)
South and West.....	211	31	2,282	6,690	2,070	3,969	5,731	11,968	5,880	17,853	813	(NA)	(NA)
South Carolina....	4	3	140	397	128	245	349	859	28	901	10	(NA)	(NA)
Florida.....	18	4	165	399	147	262	319	501	215	717	15	(NA)	(NA)
Texas.....	21	3	163	522	146	275	415	839	588	1,427	78	(NA)	(NA)
California.....	100	14	1,207	3,630	1,093	2,142	3,136	6,688	2,783	9,425	165	(NA)	(NA)
INDUSTRY 2396.—APPAREL FINDINGS													
Total.....	756	213	24,539	122,623	20,813	40,073	94,156	227,810	343,494	570,616	8,321	(NA)	(NA)
New England.....	43	12	1,643	5,962	1,276	2,329	3,819	10,069	11,078	21,231	200	(NA)	(NA)
Massachusetts....	23	7	1,265	4,587	941	1,686	2,801	7,594	9,446	17,039	176	(NA)	(NA)
Connecticut.....	15	3	251	1,031	216	412	743	1,874	1,249	3,200	(D)	(NA)	(NA)
Middle Atlantic....	529	140	9,284	36,563	7,855	13,968	26,774	66,217	76,025	142,549	1,176	(NA)	(NA)
New York.....	452	109	7,017	28,009	5,872	10,217	20,268	49,895	59,946	110,018	842	(NA)	(NA)
New Jersey.....	37	10	917	3,999	785	1,557	2,946	8,119	7,385	15,528	132	(NA)	(NA)
Pennsylvania.....	40	21	1,350	4,555	1,198	2,194	3,560	8,203	8,694	17,003	202	(NA)	(NA)
East North Central.	64	30	11,213	71,253	9,578	19,723	56,678	135,538	235,026	370,001	6,300	(NA)	(NA)
Illinois.....	35	14	1,608	6,679	1,384	2,700	5,155	14,039	26,602	40,223	166	(NA)	(NA)
Michigan.....	13	11	9,271	62,893	7,933	16,533	50,581	117,574	204,701	322,158	5,915	(NA)	(NA)
West North Central.	21	4	180	723	149	289	536	922	1,002	1,914	77	(NA)	(NA)
South.....	49	18	1,411	4,631	1,273	2,376	3,705	8,487	12,071	20,487	381	(NA)	(NA)
Maryland.....	5	3	230	755	198	368	587	1,123	849	1,972	11	(NA)	(NA)
North Carolina...	5	2	309	970	280	541	704	1,897	1,424	3,302	146	(NA)	(NA)
Georgia.....	9	1	109	475	93	189	360	1,229	2,211	3,441	45	(NA)	(NA)
Texas.....	10	4	135	477	116	209	345	979	1,931	2,938	35	(NA)	(NA)
Mountain.....	4	-	8	32	7	12	28	86	53	139	(D)	(NA)	(NA)
Pacific.....	46	9	800	3,469	675	1,376	2,616	6,491	8,239	14,295	(D)	(NA)	(NA)
California.....	41	9	773	3,381	653	1,337	2,545	6,372	8,071	14,007	178	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufac- ture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	All em- ployees	Value added by manufac- ture, adjusted
	Total	With 20 employ- ees or more	Total	Payroll	Total	Man- hours	Wages						
INDUSTRY 2397.—SCHIFFLI MACHINE EMBROIDERIES													
Total.....	759	68	6,145	30,517	5,529	11,854	25,957	55,411	42,190	97,406	2,425	5,739	44,311
New England.....	5	-	39	148	27	63	126	282	575	862	8	(²)	(²)
Middle Atlantic....	711	57	5,104	26,478	4,599	9,988	22,725	48,453	39,391	87,668	2,318	5,058	40,531
New York.....	41	3	328	1,588	260	542	1,170	3,218	4,043	7,219	170	376	3,060
New Jersey.....	659	47	4,418	23,361	4,010	8,849	20,466	42,238	34,521	76,631	1,840	4,440	35,850
Pennsylvania.....	11	7	358	1,529	329	597	1,089	2,997	827	3,818	308	242	1,621
East North Central.	14	4	263	1,007	235	450	783	1,619	482	2,092	14	227	1,118
Illinois.....	7	4	219	858	196	349	641	1,310	261	1,566	(D)	152	828
West North Central.	4	2	59	208	52	107	170	362	78	438	5	(²)	(²)
South and West.....	25	5	680	2,676	616	1,246	2,153	4,695	1,664	6,346	80	(²)	(²)
INDUSTRY 2399.—TEXTILE PRODUCTS N.E.C.													
Total.....	1,044	240	21,350	79,252	17,880	34,384	56,980	145,153	196,209	342,311	4,518	17,930	98,087
New England.....	80	14	1,651	5,806	1,343	2,686	3,996	9,225	8,755	18,460	291	1,834	9,875
Massachusetts....	47	9	1,020	3,225	851	1,504	2,141	4,958	6,133	11,339	213	910	4,901
Connecticut.....	15	2	323	1,339	263	495	975	2,117	1,971	4,292	34	295	1,411
Middle Atlantic....	379	93	6,756	25,603	5,570	10,411	17,944	46,760	54,457	102,005	1,247	6,120	35,108
New York.....	247	54	3,798	15,291	3,082	5,659	10,393	27,591	33,697	61,672	736	3,721	23,690
New Jersey.....	73	19	1,474	5,124	1,286	2,465	3,883	10,181	10,634	21,083	332	1,052	6,515
Pennsylvania.....	59	20	1,484	5,188	1,202	2,287	3,668	8,988	10,126	19,250	179	1,347	4,903
East North Central.	133	36	3,110	12,985	2,615	4,973	9,196	24,542	33,714	58,075	811	3,082	18,625
Ohio.....	42	9	867	3,479	720	1,321	2,305	5,148	5,885	11,114	96	1,060	5,083
Illinois.....	41	12	920	3,459	782	1,392	2,379	6,396	7,839	14,484	210	1,014	6,347
Michigan.....	27	11	983	4,580	830	1,731	3,492	10,265	16,808	26,580	300	488	3,293
West North Central.	49	16	2,034	6,800	1,821	3,726	5,583	11,387	16,460	27,827	631	1,512	6,596
Minnesota.....	13	7	1,074	3,335	1,008	2,129	2,951	5,069	7,516	12,566	(D)	643	2,376
Kansas.....	11	2	337	1,122	283	540	842	2,158	2,182	4,327	55	242	1,524
South Atlantic....	106	27	2,819	9,190	2,400	4,670	6,910	19,415	34,192	53,688	701	1,643	8,897
Virginia.....	7	4	162	513	130	236	348	780	824	1,644	30	(²)	(²)
North Carolina....	17	6	556	1,764	500	938	1,349	3,151	5,912	8,938	178	(²)	(²)
South Carolina...	14	4	918	2,901	771	1,550	2,232	6,983	14,934	22,297	281	799	4,990
Georgia.....	22	13	966	3,283	825	1,619	2,434	7,146	11,527	18,406	152	468	2,099
Florida.....	32	-	143	465	122	231	370	864	695	1,593	45	(²)	(²)
East South Central.	36	7	1,390	4,894	1,098	2,197	3,418	8,920	14,122	22,988	96	1,316	5,280
West South Central.	51	11	549	2,020	471	972	1,593	3,527	4,490	8,086	100	644	3,361
Texas.....	36	8	437	1,631	374	779	1,264	3,087	3,854	7,003	78	569	2,971
Mountain.....	35	5	471	1,484	396	707	1,096	2,600	2,736	5,425	57	343	1,529
Colorado.....	13	4	234	768	186	347	548	1,408	1,211	2,683	32	(²)	(²)
Pacific.....	175	31	2,570	10,470	2,166	4,042	7,244	18,777	27,283	45,757	584	1,436	8,816
Washington.....	11	4	283	1,345	236	477	799	1,887	3,575	5,440	52	245	1,112
Oregon.....	10	4	211	797	159	298	439	1,698	2,874	4,364	22	181	1,092
California.....	148	22	2,001	8,101	1,709	3,151	5,827	14,777	20,475	35,160	492	1,010	6,612

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹ General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State.
 SIC 2391, Curtains and Draperies: New England--New Hampshire, 1 (1-19); Rhode Island, 5 (100-249); Connecticut, 12 (755); West North Central--Iowa, 4 (1-19); Nebraska, 3 (1-19); Kansas, 4 (1-19); South Atlantic--Delaware, 3 (1-19); Maryland, 12 (20-99); District of Columbia, 9 (20-99); Virginia, 6 (20-99); East South Central--Kentucky, 6 (1-19); Tennessee, 4 (213); Alabama, 3 (100-249); Mississippi, 1 (1-19); West South Central--Arkansas, 3 (1-19); Louisiana, 1 (1-19); Oklahoma, 7 (109); Texas, 42 (500-999); Mountain--Idaho, 2 (1-19); Colorado, 13 (20-99); New Mexico, 4 (1-19); Utah, 7 (20-99); Nevada, 3 (1-19); Pacific--Oregon, 13 (150); Hawaii, 3 (1-19).
 SIC 2392, Housefurnishings, N.E.C.: New England--Maine, 2 (250-499); New Hampshire, 3 (1-19); Rhode Island, 5 (20-99); Connecticut, 19 (528); West North Central--Iowa, 3 (308); South Dakota, 1 (20-99); Nebraska, 1 (1-19); Kansas, 5 (100-249); South Atlantic--Delaware, 4 (172); District of Columbia, 6 (20-99); Virginia, 6 (828); West Virginia, 4 (120); East South Central--Kentucky, 8 (450); Mississippi, 6 (381); West South Central--Louisiana, 6 (164); Oklahoma, 4 (20-99); Mountain--Colorado, 2 (1-19); New Mexico, 1 (20-99); Arizona, 3 (1-19); Pacific--Washington, 7 (20-99); Hawaii, 3 (1-19).
 SIC 2393, Textile Bags: New England--Vermont, 1 (1-19); Massachusetts, 8 (100-249); Connecticut, 3 (20-99); East North Central--Ohio, 11 (20-99); Indiana, 4 (300); Michigan, 4 (20-99); Wisconsin, 1 (20-99); West North Central--Minnesota, 4 (100-249); Kansas, 1 (20-99); South Atlantic--Maryland, 3 (20-99); South Carolina, 1 (20-99); Florida, 4 (1-19); East South Central--Kentucky, 1 (20-99); Alabama, 5 (20-99); Mississippi, 1 (20-99); Mountain--Idaho, 1 (1-19); Colorado, 2 (20-99); New Mexico, 1 (1-19); Pacific--Washington, 2 (1-19); Oregon, 3 (412).

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-23E—Continued

SIC 2394, Canvas Products: New England--Maine, 8 (20-99); New Hampshire, 4 (1-19); Vermont, 1 (1-19); Rhode Island, 7 (20-99); West North Central--North Dakota, 2 (1-19); South Dakota, 4 (20-99); Nebraska, 10 (20-99); South Atlantic--Delaware, 1 (20-99); District of Columbia, 1 (1-19); Virginia, 9 (144); West Virginia, 3 (20-99); South Carolina, 2 (1-19); Georgia, 12 (104); East South Central--Kentucky, 5 (20-99); Alabama, 8 (20-99); Mississippi, 3 (143); West South Central--Louisiana, 4 (110); Oklahoma, 11 (20-99); Mountain--Montana, 1 (1-19); Idaho, 4 (1-19); Wyoming, 1 (1-19); Colorado, 10 (20-99); New Mexico, 2 (1-19); Arizona, 1 (1-19); Utah, 3 (20-99); Pacific--Oregon, 8 (20-99); Hawaii, 1 (1-19).

SIC 2395 and 2396 Pleating and Stitching and Apparel Findings: New England--Maine, 2 (20-99); New Hampshire, 2 (1-19); Rhode Island, 4 (100-249); Connecticut, 21 (250-499); East North Central--Ohio, 34 (312); Indiana, 7 (100-249); Michigan, 29 (5000-9999); Wisconsin, 8 (20-99); West North Central--Minnesota, 14 (20-99); Iowa, 2 (20-99); Missouri, 32 (439); North Dakota, 2 (1-19); Nebraska, 1 (1-19); Kansas, 3 (20-99); South Atlantic--District of Columbia, 1 (1-19); Virginia, 4 (20-99); West Virginia, 2 (20-99); North Carolina, 21 (250-499); South Carolina, 9 (435); Georgia, 13 (100-249); Florida, 25 (277); East South Central--Kentucky, 3 (20-99); Tennessee, 10 (100-249); Alabama, 2 (20-99); Mississippi, 4 (159); West South Central--Arkansas, 2 (1-19); Louisiana, 1 (1-19); Mountain--Idaho, 1 (1-19); Colorado, 5 (1-19); New Mexico, 1 (1-19); Arizona, 5 (1-19); Utah, 4 (1-19); Nevada, 1 (1-19); Pacific--Washington, 7 (20-99); Oregon, 2 (1-19); Hawaii, 5 (20-99).

SIC 2395, Pleating and Stitching: New England--New Hampshire, 1 (1-19); Rhode Island, 2 (20-99); Connecticut, 6 (1-19); East North Central--Indiana, 5 (1-19); Michigan, 16 (20-99); Wisconsin, 4 (1-19); West North Central--Minnesota, 11 (20-99); Iowa, 2 (20-99); North Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 1 (1-19); South Atlantic--Maryland, 5 (20-99); District of Columbia, 1 (1-19); Virginia, 1 (1-19); West Virginia, 2 (20-99); North Carolina, 16 (100-249); Georgia, 4 (20-99); East South Central--Kentucky, 3 (20-99); Tennessee, 7 (1-19); Alabama, 1 (1-19); Mississippi, 3 (100-249); West South Central--Arkansas, 2 (1-19); Louisiana, 1 (1-19); Mountain--Idaho, 1 (1-19); Colorado, 3 (1-19); New Mexico, 1 (1-19); Arizona, 5 (1-19); Utah, 2 (1-19); Nevada, 1 (1-19); Pacific--Washington, 5 (20-99); Oregon, 2 (1-19); Hawaii, 2 (1-19).

SIC 2396, Apparel Findings: New England--Maine, 2 (20-99); New Hampshire, 1 (1-19); Rhode Island, 2 (20-99); East North Central--Ohio, 10 (204); Indiana, 2 (100-249); Wisconsin, 4 (20-99); West North Central--Minnesota, 3 (1-19); Missouri, 15 (140); North Dakota, 1 (1-19); Kansas, 2 (20-99); South Atlantic--Virginia, 3 (20-99); South Carolina, 5 (295); Florida, 7 (112); East South Central--Tennessee, 3 (138); Alabama, 1 (1-19); Mississippi, 1 (20-99); Mountain--Colorado, 2 (1-19); Utah, 2 (1-19); Pacific--Washington, 2 (1-19); Hawaii, 3 (20-99).

SIC 2397, Schiffli Machine Embroideries: New England--Massachusetts, 4 (20-99); Connecticut, 1 (1-19); East North Central--Ohio, 3 (20-99); Indiana, 1 (1-19); Michigan, 2 (1-19); Wisconsin, 1 (1-19); West North Central--Missouri, 4 (20-99); South Atlantic--Maryland, 2 (250-499); District of Columbia, 1 (1-19); North Carolina, 1 (1-19); South Carolina, 1 (20-99); Florida, 4 (1-19); East South Central--Kentucky, 1 (1-19); West South Central--Louisiana, 1 (1-19); Texas, 2 (250-499); Mountain--Arizona, 1 (1-19); Pacific--Washington, 2 (1-19); California, 9 (20-99).

SIC 2399, Textile Products, N.E.C.: New England--Maine, 3 (1-19); New Hampshire, 6 (237); Vermont, 2 (1-19); Rhode Island, 7 (20-99); East North Central--Indiana, 4 (121); Wisconsin, 19 (219); West North Central--Iowa, 3 (20-99); Missouri, 19 (527); Nebraska, 3 (1-19); South Atlantic--Delaware, 1 (1-19); Maryland, 10 (20-99); District of Columbia, 1 (1-19); West Virginia, 2 (1-19); East South Central--Kentucky, 9 (678); Tennessee, 11 (382); Alabama, 11 (20-99); Mississippi, 5 (289); West South Central--Arkansas, 4 (1-19); Louisiana, 4 (1-19); Oklahoma, 7 (20-99); Mountain--Montana, 1 (1-19); New Mexico, 6 (152); Arizona, 10 (20-99); Utah, 3 (20-99); Nevada, 2 (1-19); Pacific--Hawaii, 6 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Curtains and draperies (SIC 2391)	House-furnishings, n.e.c. (SIC 2392)	Textile bags (SIC 2393)	Canvas products (SIC 2394)	Pleating, stitching and apparel findings (SIC 2395 and 2396)	Pleating and stitching (SIC 2395)	Apparel findings (SIC 2396)	Schiffli machine embroideries (SIC 2397)	Textile products, n.e.c. (SIC 2399)
Primary product specialization ratio: ¹.....	.96	.88	.88	.92	(NA)	.97	.98	.96	.86
Coverage ratio: ².....	.95	.50	.85	.91	(NA)	.98	.97	.99	.75
Establishments, total.....number..	1,121	1,239	192	881	2,072	1,316	756	759	1,044
With 1 to 19 employees.....do....	866	817	104	757	1,614	1,071	543	691	804
With 20 to 99 employees.....do....	206	325	67	111	419	235	184	64	196
With 100 employees or more.....do....	49	97	21	13	39	10	29	4	44
Proprietors and working partners.....do....	3,855	687	191	643	1,417	1,012	405	679	705
All employees (average for the year).....do....	21,955	39,690	7,191	11,170	40,892	16,353	24,539	6,145	21,350
Payroll (all employees), total for year.....\$1,000..	75,114	142,820	28,254	44,550	178,151	55,528	122,623	30,517	79,252
Production workers:									
Average for the year.....number..	19,023	33,637	6,125	8,964	35,492	14,679	20,813	5,529	17,880
March.....do....	18,415	32,496	6,225	9,028	34,195	13,927	20,268	5,978	16,871
May.....do....	18,347	32,569	6,214	9,952	34,728	14,329	20,399	5,362	17,972
August.....do....	19,176	34,374	5,873	8,912	34,717	14,762	19,955	5,191	18,158
November.....do....	20,155	35,109	6,190	8,060	38,330	15,701	22,629	5,618	18,522
Man-hours.....1,000..	35,826	63,931	11,906	17,587	68,048	27,975	40,073	11,854	34,384
January-March.....do....	8,544	14,916	3,025	4,209	16,063	6,528	9,485	2,848	8,027
April-June.....do....	8,699	15,521	2,966	4,982	16,571	6,674	9,897	3,010	8,750
July-September.....do....	8,955	16,169	2,885	4,375	16,535	7,057	9,478	2,823	8,662
October-December.....do....	9,628	17,325	3,030	4,021	18,979	7,716	11,213	3,173	8,945
Wages.....\$1,000..	56,439	102,676	20,681	30,576	140,505	46,349	94,156	25,957	56,980
Cost of materials, etc., total.....do....	182,363	433,147	144,648	93,106	398,554	55,060	343,494	42,190	196,209
Materials, parts, containers, and supplies consumed.....do....	161,743	395,213	123,616	83,661	376,701	44,112	332,589	25,122	176,602
Cost of resales.....do....	7,422	18,361	20,349	7,603	9,265	5,157	4,108	663	12,255
Fuels consumed.....do....	190	1,071	283	239	1,012	330	682	165	537
Electric energy:									
Purchased:									
Quantity.....million kw.-hrs..	54	131	21	23	199	76	123	30	60
Cost.....\$1,000..	942	2,206	378	443	3,134	1,325	1,809	536	1,095
Generated less sold.....million kw.-hrs..	(D)	(D)	-	(D)	-	(D)	(D)	-	(D)
Contract work.....\$1,000..	12,066	16,296	22	1,159	8,442	4,136	4,306	15,704	5,720
Value of shipments (including resales), total.....do....	312,987	716,650	200,426	166,402	720,799	150,183	570,616	97,406	342,311
Value of resales.....do....	10,085	35,536	23,526	10,093	16,674	7,440	9,234	708	14,947
Value added by manufacture, adjusted.....do....	131,995	285,759	56,523	73,534	323,050	95,240	227,810	55,411	145,153
Manufacturers' inventories:									
Beginning of year, total.....do....	32,648	94,167	25,033	27,314	63,511	10,282	53,229	5,690	52,219
Finished products.....do....	13,962	38,978	7,182	7,869	10,368	2,652	7,716	2,499	17,584
Work-in-process.....do....	3,761	13,726	2,657	3,070	29,039	2,887	26,152	855	5,908
Materials, supplies, fuel, etc.....do....	14,925	41,463	15,194	16,375	24,104	4,743	19,361	2,336	28,727
End of year, total.....do....	34,686	98,174	28,260	28,240	66,829	10,939	55,890	5,900	48,720
Finished products.....do....	14,727	40,549	7,934	8,528	10,314	2,603	7,711	2,632	16,214
Work-in-process.....do....	4,347	14,410	2,650	2,649	29,898	3,053	26,845	917	6,329
Materials, supplies, fuel, etc.....do....	15,612	43,214	17,676	17,063	26,617	5,283	21,334	2,351	26,177
Expenditures for plant and equipment, total.....do....	3,030	8,805	2,024	2,412	11,715	3,070	8,645	2,780	4,673
New, total.....do....	2,936	8,384	1,878	2,090	11,158	2,837	8,321	2,425	4,518
New structures and additions to plant.....do....	1,074	2,230	537	612	3,301	789	2,512	284	1,076
New machinery and equipment.....do....	1,862	6,154	1,341	1,478	7,857	2,048	5,809	2,141	3,442
Used plant and equipment.....do....	94	421	146	322	557	233	324	355	155
Selected operating ratios:									
Payroll/Total employment.....	3,421	3,598	3,929	3,988	4,357	3,396	4,997	4,966	3,712
Production workers/Total employment.....	.87	.85	.85	.80	.87	.90	.85	.90	.84
Man-hours/Production workers.....	1,883	1,900	1,944	1,962	1,917	1,906	1,925	2,144	1,923
Production worker wages/Man-hours.....	1.58	1.61	1.74	1.74	2.06	1.66	2.35	2.19	1.66
Cost of materials and payrolls/Total value of shipments....	.82	.80	.86	.83	.80	.74	.82	.75	.80
Cost of materials/Total value of shipments.....	.58	.60	.72	.56	.55	.37	.60	.43	.57
Adjusted value added/Total employment.....	6,012	7,202	7,860	6,583	7,900	5,824	9,283	9,017	6,799
Salaries and wages/Adjusted value added.....	.57	.50	.50	.61	.55	.58	.54	.55	.55

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2391.--CURTAINS AND DRAPERIES											
Establishments.....number..	1,121	505	220	141	156	50	40	7	2	-	-
All employees:											
Total.....do....	21,955	714	1,489	1,941	4,801	3,546	6,058	<u>3,406</u>	(D)	-	-
Payroll.....\$1,000..	75,114	2,824	5,163	6,771	18,114	12,632	19,544	<u>10,066</u>	(D)	-	-
Value added, adjusted.....do....	131,995	6,852	9,779	13,234	30,669	22,600	32,196	<u>16,665</u>	(D)	-	-
Value of shipments.....do....	312,987	13,218	21,860	23,866	64,496	77,174	69,333	<u>43,040</u>	(D)	-	-
Capital expenditures, new...do....	2,936	104	209	235	464	336	776	<u>812</u>	(D)	-	-
INDUSTRY 2392.--HOUSEFURNISHINGS, N.E.C.											
Establishments.....number..	1,239	444	178	195	230	95	73	19	5	-	-
All employees:											
Total.....do....	39,690	810	1,206	2,741	7,252	6,498	11,163	6,728	3,292	-	-
Payroll.....\$1,000..	142,820	2,806	4,674	10,482	26,763	22,882	39,985	24,146	11,082	-	-
Value added, adjusted.....do....	285,759	6,973	11,620	23,691	53,680	44,893	79,657	44,490	20,755	-	-
Value of shipments.....do....	716,650	17,553	27,192	48,374	123,047	107,314	170,324	146,576	76,270	-	-
Capital expenditures, new...do....	8,384	221	318	505	1,217	1,465	1,993	2,117	548	-	-
INDUSTRY 2393.--TEXTILE BAGS											
Establishments.....number..	192	39	30	35	40	27	20	1	-	-	-
All employees:											
Total.....do....	7,191	83	206	493	1,164	1,902	<u>3,343</u>	(D)	-	-	-
Payroll.....\$1,000..	28,254	327	698	1,885	4,277	7,215	<u>13,852</u>	(D)	-	-	-
Value added, adjusted.....do....	56,523	1,130	1,890	4,032	9,478	13,403	<u>26,590</u>	(D)	-	-	-
Value of shipments.....do....	200,426	3,413	5,228	11,898	28,705	53,183	<u>97,999</u>	(D)	-	-	-
Capital expenditures, new...do....	1,878	26	78	95	366	374	<u>939</u>	(D)	-	-	-
INDUSTRY 2394.--CANVAS PRODUCTS											
Establishments.....number..	881	435	187	135	79	32	11	1	1	-	-
All employees:											
Total.....do....	11,170	774	1,286	1,798	2,288	2,302	<u>2,722</u>	(D)	(D)	-	-
Payroll.....\$1,000..	44,550	2,961	4,838	7,705	9,382	8,968	<u>10,696</u>	(D)	(D)	-	-
Value added, adjusted.....do....	73,534	6,110	8,726	12,001	16,525	14,266	<u>15,906</u>	(D)	(D)	-	-
Value of shipments.....do....	166,402	13,153	17,251	23,539	34,428	34,036	<u>43,995</u>	(D)	(D)	-	-
Capital expenditures, new...do....	2,090	233	266	340	355	351	<u>545</u>	(D)	(D)	-	-
INDUSTRY 2395.--PLEATING AND STITCHING											
Establishments.....number..	1,316	569	259	243	195	40	9	1	-	-	-
All employees:											
Total.....do....	16,353	1,051	1,719	3,366	5,783	2,707	<u>1,727</u>	(D)	-	-	-
Payroll.....\$1,000..	55,528	3,479	5,670	11,771	19,444	9,589	<u>5,575</u>	(D)	-	-	-
Value added, adjusted.....do....	95,240	7,953	10,392	21,680	32,019	14,811	<u>8,385</u>	(D)	-	-	-
Value of shipments.....do....	150,183	13,684	17,081	33,671	47,183	23,427	<u>15,137</u>	(D)	-	-	-
Capital expenditures, new...do....	2,837	1,767	367	572	676	332	<u>123</u>	(D)	-	-	-
INDUSTRY 2396.--APPAREL FINDINGS											
Establishments.....number..	756	250	155	138	140	44	20	4	2	2	1
All employees:											
Total.....do....	24,539	470	1,080	1,899	4,258	3,012	2,827	1,384	<u>9,609</u>	(D)	(D)
Payroll.....\$1,000..	122,633	2,165	4,577	7,726	16,267	10,934	10,406	5,945	<u>64,613</u>	(D)	(D)
Value added, adjusted.....do....	227,810	4,890	8,067	14,103	28,943	20,952	21,316	11,961	<u>117,578</u>	(D)	(D)
Value of shipments.....do....	570,616	9,745	16,497	33,095	63,717	49,006	41,953	29,679	<u>326,924</u>	(D)	(D)
Capital expenditures, new...do....	8,321	93	129	301	637	710	526	742	<u>5,183</u>	(D)	(D)
INDUSTRY 2397.—SCHIFFLI MACHINE EMBROIDERIES											
Establishments.....number..	759	402	185	104	55	9	2	2	-	-	-
All employees:											
Total.....do....	6,145	683	1,209	1,388	1,465	1,400	(D)	(D)	-	-	-
Payroll.....\$1,000..	30,517	3,627	6,273	7,099	7,715	<u>5,803</u>	(D)	(D)	-	-	-
Value added, adjusted.....do....	55,411	7,734	11,864	11,803	12,934	<u>11,076</u>	(D)	(D)	-	-	-
Value of shipments.....do....	97,406	12,767	21,835	18,902	25,062	<u>18,840</u>	(D)	(D)	-	-	-
Capital expenditures, new...do....	2,425	702	371	246	691	<u>415</u>	(D)	(D)	-	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2399.--TEXTILE PRODUCTS, N.E.C.										
Establishments.....number..	1,044	457	181	166	143	53	33	10	1	-	-
All employees:											
Total.....do....	21,350	808	1,215	2,299	4,414	3,676	5,187	3,751	(D)	-	-
Payroll.....\$1,000..	79,252	2,808	4,357	8,611	17,294	12,664	20,847	12,671	(D)	-	-
Value added, adjusted.....do....	145,153	5,661	7,588	16,047	29,674	23,756	37,127	25,300	(D)	-	-
Value of shipments.....do....	342,311	10,752	15,638	32,043	72,451	56,849	86,316	68,262	(D)	-	-
Capital expenditures, new...do....	4,518	260	285	531	895	908	895	744	(D)	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left. n.e.c. Not elsewhere classified.

¹Includes capital expenditures of approximately \$200-\$500 thousand for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
						Col. B Col. B+C (percent)				Col. B Col. F (percent)
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)	(\$1,000)	(\$1,000)	(percent)
		A	B	C	D	E	F	G	H	I
2391	Curtains and draperies.....1963..	312,987	263,200	9,861	39,926	96	278,313	263,200	15,113	95
	1958..	217,029	183,501	7,138	26,390	96	198,723	183,501	15,222	92
2392	Housefurnishings, n.e.c.....1963..	716,650	577,834	79,818	58,998	88	1,155,284	577,834	577,450	50
	1958..	616,224	510,957	67,669	37,598	88	879,448	510,957	368,491	58
2393	Textile bags.....1963..	200,426	153,813	21,643	24,970	88	181,869	153,813	28,056	85
	1958..	204,379	148,065	30,923	25,391	83	174,902	148,065	26,837	85
2394	Canvas products.....1963..	166,402	139,468	11,759	15,175	92	153,489	139,468	14,021	91
	1958..	131,336	103,128	11,489	16,719	90	114,202	103,128	11,074	90
2395	Pleating and stitching.....1963 ¹ .	150,183	128,903	3,594	17,686	97	132,180	128,903	3,276	98
2396	Apparel findings.....1963 ¹ .	570,616	539,145	10,765	20,706	98	556,330	539,145	17,185	97
2397	Schiffli machine embroideries.....1963..	97,406	72,489	3,175	21,742	96	73,046	72,489	557	99
	1958..	75,484	50,897	404	24,183	99	52,252	50,897	1,355	97
2399	Textile products, n.e.c.....1963..	342,311	272,407	44,587	25,317	86	361,925	272,407	89,518	75
	1958..	247,113	198,110	25,886	23,117	88	262,735	198,110	64,625	75

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹Comparable data for 1958 are not available.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Curtains and draperies (SIC 2391)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Housefurnishings, n.e.c. (SIC 2392)	Other industries
CURTAINS AND DRAPERIES INDUSTRY					HOUSEFURNISHINGS, N.E.C., INDUSTRY—Continued				
	Total shipments of the industry	(X)	312,987	(X)		Listing of other industries with over \$2 million shipments of each primary product class—Continued			
23910	Curtains and draperies, except lace (made from purchased fabric).....	278,313	263,200	15,113					
	Secondary products.....	(X)	9,861	(X)	22118 } 2211 Weaving mills, cotton.....	(X)	(X)	(over 2)	
23926	Bedspreads and bedsets.....	(X)	7,192	(X)	23928 } 2261 Finishing plants, cotton....	(X)	(X)	(50-100)	
23920	Housefurnishings, n.e.c., n.s.k..	(X)	2,669	(X)	22119 } 2399 Textile products, n.e.c.....	(X)	(X)	(5-10)	
	Other secondary products.....	(X)		(X)	23929 } 2211 Weaving mills, cotton.....	(X)	(X)	(over 2)	
	Miscellaneous receipts.....	(X)	39,926	(X)	23920 } 2261 Finishing plants, cotton....	(X)	(X)	(50-100)	
	Commission receipts for work done on materials owned by others....	(X)	29,100	(X)	2328 } 2328 Work clothing.....	(X)	(X)	(over 2)	
	Resale of products bought and sold without further manufacture	(X)	10,085	(X)	2399 } 2399 Textile products, n.e.c.....	(X)	(X)	(over 2)	
	Other receipts.....	(X)	741	(X)	2211 } 2211 Weaving mills, cotton.....	(X)	(X)	(over 2)	
	Listing of other industries with over \$2 million shipments of each primary product class:				2282 } 2282 Throwing and winding mills..	(X)	(X)	(over 2)	
23910	2392 Housefurnishings, n.e.c....	(X)	(X)	12,408	2293 } 2293 Padding and upholstery filling.....	(X)	(X)	2,482	
		All industries	Housefurnishings, n.e.c. (SIC 2392)	Other industries	2399 } 2399 Textile products, n.e.c.....	(X)	(X)	(over 2)	
					3079 } 3079 Plastics products, n.e.c....	(X)	(X)	2,756	
					3981 } 3981 Brooms and brushes.....	(X)	(X)	8,151	
HOUSEFURNISHINGS, N.E.C., INDUSTRY					TEXTILE BAGS INDUSTRY				
	Total shipments of the industry	(X)	716,650	(X)	23930	Total shipments of the industry.	(X)	200,426	(X)
	Primary products.....	1,155,284	577,834	577,450	2643-23940	Textile bags, except laundry, wardrobe and shoe.....	181,869	153,813	28,056
23926 } 22110pt.	Bedspreads and bedsets.....	150,939	99,902	51,037		Secondary products.....	(X)	21,643	(X)
23928 } 22118	Sheets and pillowcases.....	328,824	48,831	279,993		Bags, except textile bags.....	(X)	14,857	(X)
23929 } 22119	Towels and washcloths.....	226,447	26,380	200,067		Canvas products.....	(X)	2,220	(X)
23820 } 23820	Other housefurnishings.....	449,074	402,721	46,353		Other products.....	(X)	4,566	(X)
	Secondary products.....	(X)	79,818	(X)		Miscellaneous receipts.....	(X)	24,970	(X)
2339-23910	Women's outerwear, n.e.c.....	(X)	2,974	(X)		Receipts for work done on materials owned by others.....	(X)	520	(X)
	Curtains and draperies, except lace (made from purchased fabric).....	(X)	12,408	(X)	23930	Resale of products bought and sold without further manufacture.....	(X)	23,526	(X)
23990	Fabricated textile products, n.e.c.....	(X)	4,980	(X)		Other receipts.....	(X)	924	(X)
3079-3981-	Plastics products, n.e.c.....	(X)	3,517	(X)		Listing of other industries with over \$2 million shipments of each primary product class:			
	Brooms and brushes.....	(X)	2,812	(X)		2643 Bags, except textile bags...	(X)	(X)	19,835
	Other secondary products.....	(X)	153,127	(X)			All industries	Canvas products (SIC 2394)	Other industries
	Miscellaneous receipts.....	(X)	58,998	(X)					
	Receipts for work done on materials owned by others.....	(X)	22,605	(X)		CANVAS PRODUCTS INDUSTRY			
	Resale of products bought and sold without further manufacture	(X)	35,536	(X)		Total shipments of the industry.	(X)	166,402	(X)
	Other receipts.....	(X)	857	(X)	23940	Canvas products.....	153,489	139,468	14,021
23926	Listing of other industries with over \$2 million shipments of each primary product class:					Secondary products.....	(X)	11,759	(X)
	2272 Tufted carpets and rugs....	(X)	(X)	4,769	23990	Fabricated textile products, n.e.c.....	(X)	5,221	(X)
	2391 Curtains and draperies....	(X)	(X)	7,192					

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Canvas products (SIC 2394)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Apparel findings (SIC 2396)	Other industries
	CANVAS PRODUCTS INDUSTRY—Continued					APPAREL FINDINGS INDUSTRY—Continued			
	Secondary products—Continued.....					Secondary products.....	(X)	10,765	(X)
	Other products.....	(X)	6,538	(X)		Miscellaneous products.....	(X)	20,706	(X)
	Miscellaneous receipts.....	(X)	15,175	(X)		Commission receipts for work done on materials owned by others.....	(X)	10,549	(X)
	Resale of products bought and sold without further manufacture.....	(X)	10,093	(X)		Resales of products bought and sold without further manufacture.....	(X)	9,234	(X)
	Sale of scrap and refuse.....	(X)	3,333	(X)		Other receipts.....	(X)	923	(X)
	Other receipts.....	(X)	1,749	(X)			All industries	Schiffli machine embroideries (SIC 2397)	Other industries
23940	Listing of other industries with over \$2 million shipments of each primary product class:					SCHIFFLI MACHINE EMBROIDERIES INDUSTRY			
	2211 Weaving mills, cotton.....	(X)	(X)	(over 2)		Total shipments of the industry.	(X)	97,406	(X)
	2393 Textile bags.....	(X)	(X)	2,220		Schiffli machine embroideries.....	73,046	72,489	557
		All industries	Pleating and stitching (SIC 2395)	Other industries	23970	Secondary products.....	(X)	3,175	(X)
						Miscellaneous receipts.....	(X)	21,742	(X)
	PLEATING, DECORATIVE AND NOVELTY STITCHING, AND TUCKING FOR THE TRADE INDUSTRY					Receipts for Schiffli machine embroideries on materials owned by others.....	(X)	21,034	(X)
	Total shipments of the industry	(X)	150,183	(X)		Resale of products bought and sold without further manufacture.....	(X)	708	(X)
	Primary products.....	132,180	128,903	3,276			All industries	Textile products, n.e.c. (SIC 2399)	Other industries
23951	Embroideries (except Schiffli machine products), stamped art goods, and art needlework.....	46,015	43,057	2,958		TEXTILE PRODUCTS, N.E.C., INDUSTRY			
23959	Commission embroidering (except Schiffli machine) tucking, pleating, etc., for the trade...	54,552	54,335	216		Total shipments of the industry.	(X)	342,311	(X)
23950	Pleating and stitching, n.s.k....	31,613	31,511	102	23990	Fabricated textile products, n.e.c..	361,925	272,407	89,518
	Secondary products.....	(X)	3,594	(X)	23920	Secondary products.....	(X)	44,587	(X)
	Miscellaneous receipts.....	(X)	17,686	(X)		Other housefurnishings.....	(X)	9,075	(X)
		All industries	Apparel findings (SIC 2396)	Other industries		Other secondary products.....	(X)	235,512	(X)
						Miscellaneous receipts.....	(X)	25,317	(X)
	APPAREL FINDINGS INDUSTRY					Commission receipts for work done on materials owned by others.....	(X)	8,957	(X)
	Total shipments of the industry	(X)	570,616	(X)		Resale of products bought and sold without further manufacture.....	(X)	14,947	(X)
	Primary products.....	556,330	539,145	(X)	23990	Other receipts.....	(X)	1,413	(X)
23961	Men's and boys' suit and coat findings, hatters' fur and other hat and cap material.....	44,970	43,729	1,241		Listing of other industries with over \$2 million shipments of each primary product class:			
23962	Automobile and furniture trimmings.....	360,171	352,968	7,203		2261 Finishing plants, cotton....	(X)	(X)	(10-20)
23963	Other trimmings and findings.....	127,385	118,685	8,700		2262 Finishing plants, synthetic.	(X)	(X)	(10-20)
23960	Apparel findings, n.s.k.....	23,804	23,763	41		2299 Textile goods, n.e.c.....	(X)	(X)	(2-5)
						2329 Men's and boys' clothing, n.e.c.....	(X)	(X)	2,658
						2339 Women's outerwear, n.e.c....	(X)	(X)	2,268
						2389 Apparel, n.e.c.....	(X)	(X)	3,606
						2392 Housefurnishings, n.e.c.....	(X)	(X)	4,980
						2394 Canvas products.....	(X)	(X)	5,221
						3842 Surgical appliances and supplies.....	(X)	(X)	7,892

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable, n.e.c. Not elsewhere classified, n.s.k. Not specified by kind.

¹Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 22116, Other broad woven cotton fabrics and specialties (grey goods); 22219, Fabricated man-made fiber or silk textile products (blankets); 22590, Knit gloves and knit products, n.e.c.; 22628, Finished man-made fiber and silk broad woven fabrics.

²Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 22910, Pressed, punched, or needled felts, except hats; 22930, Paddings, upholstery filling, batting and wadding excluding foam rubber and vinyl; and 23928, Sheets and pillowcases.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	1963			1958		
			Total production (quantity)	Total shipments, including interplant transfers		Total production (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2391- --	CURTAINS AND DRAPERIES, EXCEPT LACE, TOTAL ¹		(X)	(X)	278,313	(X)	(X)	198,723
23910 11	Window curtains, excluding lace curtains: Wholly or chiefly cotton.....	1,000 pairs or sets.....	26,115	25,971	32,293	22,835	22,208	33,568
23910 15	Wholly or chiefly man-made fiber fabrics: Glass fiber fabrics.....	do.....	5,863	5,657	10,285	32,486	26,531	54,851
23910 17	Other man-made fiber fabrics (rayon, acetate, nylon, etc.).....	do.....	23,223	20,920	36,801			
23910 18	Other materials, including plastic.....	do.....	7,886	7,846	7,513	(NA)	(NA)	10,111
23910 51	Draperies: Wholly or chiefly cotton.....	do.....	8,233	7,670	23,151	(NA)	(NA)	19,970
23910 55	Wholly or chiefly man-made fiber fabrics: Glass fiber fabrics.....	do.....	15,009	13,126	43,174	19,151	11,398	34,903
23910 57	Other man-made fiber fabrics (rayon, acetate, nylon, etc.).....	do.....	13,004	14,141	50,327			
23910 58	Other materials, including plastic.....	do.....	11,476	11,449	12,018	8,070	8,090	8,627
23910 00	Curtains and draperies, n.s.k.....		(X)	(X)	62,751	(X)	(X)	36,693
93000 00	Commission receipts for contract work reported by establishments classified in the curtains and draperies industry.....		(X)	(X)	² 29,100	(X)	(X)	² 16,119
2211- pt. 2392- --	HOUSEFURNISHINGS, EXCEPT CURTAINS AND DRAPERIES, TOTAL.....		(X)	(X)	1,155,284	(X)	(X)	879,448
22110 pt. 23926 --			(X)	(X)	1,155,284	(X)	(X)	879,448
22110 pt. 23926 --	Bedsprings and bedsets, total.....	1,000.....	(X)	32,179	150,939	(X)	28,543	110,062
	Made in cotton weaving mills.....	do.....	³ 8,543	³ 8,317	³ 39,038	³ 6,485	³ 6,392	³ 26,538
	Made in other industries.....	do.....	(X)	23,862	111,901	(X)	22,151	83,524
	Tufted: ⁴ Total as reported in the census of manufactures.....	do.....	(X)	14,271	51,141	(X)	⁵ 13,835	⁵ 49,160
23926 23	Wholly or chiefly cotton tufting yarns.....	do.....	(X)	13,019	47,112	-	(NA)	(NA)
23926 29	Other tufting yarns.....	do.....	(X)	1,252	4,029			
	Total as reported on Census Form M22L.....	do.....	(X)	15,030	51,548	(X)	13,835	49,160
	Jacquard-woven: Wholly or chiefly cotton: Made in cotton weaving mills.....	do.....	5,415	5,344	28,505	3,944	3,887	18,911
22110 41 23926 51	Made in other industries.....	do.....	2,387	2,256	14,678	3,774	3,465	13,420
23926 59	Other.....	do.....	142	143	1,231	⁶ 347	⁶ 344	2,362
	Other than jacquard-woven: Wholly or chiefly cotton: Made in cotton weaving mills.....	do.....	3,128	2,973	10,533	2,541	2,505	7,627
22110 45 23926 71	Made in other industries.....	do.....	3,993	4,004	21,336	814	690	4,189
23926 79	Other.....	do.....	2,936	2,970	21,307	(NA)	⁶ 1,531	5,774
23926 00	Bedsprings and bedsets, n.s.k.....	do.....	(X)	(⁶)	2,208	(X)	⁶ 2,286	8,619
22118 10 23928 11	Sheets and pillowcases made from woven fabric: ⁴ Total as reported in the census of manufactures..... Total as reported on Census Form MA-23X.....		(X)	(X)	328,824	(X)	(X)	239,927
			(X)	(X)	329,073	(X)	(X)	268,563
22118 12 23928 12	Sheets: Crib size sheets.....	1,000 dozens.	721	720	5,017	864	856	6,640
	Other sheets: Flat.....	do.....	7,924	8,107	175,055	7,654	7,666	151,326
22118 14 23928 14	Fitted.....	do.....	4,294	4,195	93,095	2,545	2,477	55,416
22118 16 23928 16		do.....						
22118 53 23928 53	Pillowcases.....	do.....	10,439	10,764	55,906	10,799	10,658	52,828
22118 00 23928 00	Sheets and pillowcases, n.s.k.....		-	-	-	(X)	(X)	2,353

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963			1958		
			Total production (quantity)	Total shipments, including interplant transfers		Total production (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2211- pt. 2392- --	HOUSEFURNISHINGS, EXCEPT CURTAINS AND DRAPERIES—Continued							
22119 10 23929 11	Towels and washcloths made from woven fabric:							
	Total as reported in the census of manufactures.....		(X)	(X)	226,447	(X)	(X)	174,551
	Total as reported on Census Form MA-23X.....		(X)	(X)	225,271	(X)	(X)	178,899
22119 12 23929 12	Terry woven towels.....	1,000 dozens.	38,036	37,364	157,532	23,993	24,301	114,306
	Huck and crash towels, total.....		(X)	(X)	33,658	(X)	(X)	33,216
22119 14 23929 14	Made for retail sales.....	1,000 dozens.	5,890	6,030	10,552	(NA)	(NA)	33,216
22119 16 23929 16	Made for industrial and institutional use.....	1,000 lin. yds.....	155,033	157,094	23,106			
22119 18 23929 18	Washcloths	1,000 dozens.	28,293	28,050	34,081			
22119 00 23929 00	Towels and washcloths, n.s.k.....		-	-	-	(X)	(X)	31,377
23920 --	Other housefurnishings, total.....		(X)	(X)	449,074	(X)	(X)	354,908
23920 19	Shower bath curtains, including plastic (unsupported film), coated fabrics and all other.....	1,000.....	8,791	8,668	18,533	⁶ 7,634	⁶ 7,543	15,676
23920 23	Comforters and wadded quilts.....	do.....	5,228	5,224	25,335	3,551	3,471	19,837
	Quilted products (except comforters and wadded quilts):							
23920 31	Mattress protectors.....	do.....	12,275	12,153	23,983	6,576	6,646	16,649
23920 38	Other, including baby pads.....		(X)	(X)	19,921	(X)	(X)	13,978
	Tablecloths, napkins, and related textile articles, except lace, including plastic:							
23920 41	Tablecloths.....	1,000 dozens.	1,516	1,516	23,806	(NA)	(NA)	9,755
23920 45	Napkins.....	do.....	1,309	1,304	4,189	⁶ 3,528	⁶ 3,688	5,938
23920 47	Place mats and place mat sets.....		(X)	(X)	6,941	(X)	(X)	8,568
23920 49	Other related articles, except lace (dresser covers and scarves, doilies, tray cloths, table sets-luncheon, bridge and similar, etc.).....		(X)	(X)	5,940			
	Pillows:							
23920 51	Bed pillows, excluding foam rubber pillows.....	1,000.....	12,628	12,640	32,643	7,567	7,589	19,678
23920 55	Foam rubber pillows and cushions made from purchased rubber.....	do.....	8,081	8,063	14,513	(NA)	(NA)	13,162
23920 59	Fancy pillows and cushions, excluding foam rubber.....	do.....	16,064	16,393	27,170	(NA)	(NA)	12,249
	Miscellaneous textile housefurnishings (except embroidered):							
	Slip covers:							
	Furniture:							
23920 62	Made from unsupported film (plastic).....	1,000.....	1,280	1,287	3,373	1,986	1,901	6,290
23920 64	Made from other material (cotton, rayon, etc).....	do.....	5,403	5,111	36,083	4,521	4,090	29,364
23920 65	Mattress.....	do.....	2,124	2,150	4,745	3,576	3,317	6,882
23920 69	Other.....		(X)	(X)	7,460	(X)	(X)	7,308
	Mops and dusters:							
23920 71	Dry mops and dusters.....	1,000.....	12,980	12,926	14,345	⁶ 13,973	⁶ 13,774	13,682
23920 73	Wet mops.....	do.....	(X)	30,531	17,934	⁶ 29,761	⁶ 27,710	16,333
23920 75	Sponge mops.....	do.....	9,470	9,563	8,976	⁶ 7,356	⁶ 7,356	8,996
23920 81	Bags; laundry, wardrobe, and shoe.....	do.....	(NA)	(NA)	28,230	⁶ 8,718	⁶ 7,769	10,310
23920 98	All other housefurnishings, except embroidered..		(X)	(X)	56,043	(X)	(X)	35,390
23920 00	Other housefurnishings, n.s.k.....		(X)	(X)	48,046	(X)	(X)	46,728
23920 00	Housefurnishings, n.e.c., n.s.k. ⁷		(X)	(X)	20,865	(X)	(X)	38,135
Total shipments including interplant transfers								
			1963		1958			
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		
2393- --	TEXTILE BAGS, EXCEPT LAUNDRY, WARDROBE, TOTAL....		(X)	181,869	(X)			174,902
23930 12	Cotton, including cotton canvas, except open mesh... 1,000 lin. yds.....							
23930 16	Open mesh cotton.....	do.....	187,962	49,357	262,322			59,228
23930 18	Spun paper.....	do.....	23,804	3,218	110,676			18,025
23930 31	Burlap.....	do.....	90,215	17,545				
23930 33	Man-made fiber fabrics.....	do.....	558,082	86,364	536,143			73,304
23930 95	Man-made fiber fabrics.....	do.....	10,095	3,334				6,189
23930 97	Other textile bags.....	do.....	-	-	18,623			
23930 00	Textile bags, n.s.k.....		(X)	22,051	(X)			18,156

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Value of shipments, including interplant transfers (\$1,000)	
		1963	1958
2394- --	CANVAS PRODUCTS, TOTAL.....	153,489	114,202
23940 21	Awnings.....	15,331	11,220
23940 25	Air-supported structures.....	294	13,708
23940 33	Tents.....	29,463	17,398
23940 51	Tarpaulin covers for trucks, boats, etc., including coated fabrics.....	32,011	34,297
23940 98	Sails, painted awning stripes, inflated air cushions, fuel containers, and other canvas products, except bags.....	40,970	37,579
23940 00	Canvas products, n.s.k.....	35,420	
2395- --	STITCHINGS, TRIMMINGS, FINDINGS, AND RELATED PRODUCTS.....	688,510	400,852
2396- --			
2395- --	Pleating, decorative and novelty stitching, and tucking for the trade, total.....	132,180	(NA)
23951 --	Embroideries (except Schiffli machine products), stamped art goods, and art needlework, total.....	46,015	⁸ 44,696
23951 12	Embroideries (except Schiffli machine products).....	23,337	⁸ 37,197
23951 31	Stamped art goods for embroidering and punching.....	7,459	7,499
23951 00	Embroideries and stamped art goods, n.s.k.....	15,219	(²)
23959 --	Commission receipts for embroidering (except Schiffli machine) tucking, pleating, etc., for the trade, total.....	54,552	⁸ 47,414
23959 11	Commission receipts for embroidering (except Schiffli machine) on materials owned by others.....	23,449	⁸ 17,198
23959 31	Commission receipts for contract tucking, pleating, hemstitching, and button holing for the trade...	29,913	30,216
23959 00	Commission receipts for embroidering, tucking, stitching, etc., n.s.k.....	1,190	-
23950 00	Embroideries, stamped art goods, art needlework, and commission receipts for such work, n.s.k.....	31,613	(⁹)
2396- --	Apparel findings and related products, total.....	556,330	(NA)
23961 --	Men's and boys' suit and coat findings, hatters' fur and other hat and cap material, total.....	44,970	49,422
23961 11	Men's and boys' coat, suit and trouser findings.....	33,999	35,319
23961 31	Hat bands, hat linings, tip printing and stamping, sweats, cap fronts, etc., made for sale as such..	7,032	7,440
23961 51	Hatters' fur cut or blown for sale as such ¹⁰	3,939	6,663
23962 --	Automobile and furniture trimmings, total.....	360,171	160,564
23962 16	Automobile.....	359,699	159,099
23962 17	Furniture.....	572	1,465
23963 --	Other trimmings and findings, total.....	127,385	(NA)
23963 11	Trimnings, except automobile and furniture:		
23963 13	Women's and children's apparel findings.....	38,402	27,433
23963 33	Other.....	20,225	10,923
23963 33	Bias binding for the apparel trade and the notion trade (except fused or sealed edge).....	16,031	17,565
23963 41	Ribbons, fused or sealed edge (not woven with fast edges):		
23963 49	Gift tyings.....	6,861	(NA)
23963 99	All other.....	17,658	(NA)
23963 99	All other trimmings and findings, n.s.k.....	28,208	(⁹)
23960 00	Apparel findings and related products, n.s.k.....	23,804	⁹ 42,835
23970 12	SCHIFFLI MACHINE EMBROIDERIES.....	¹¹ 73,046	¹¹ 52,252

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2399- -- 22110 pt.	FABRICATED TEXTILE PRODUCTS, N.E.C., TOTAL.....	.....	(X)	(X)	361,925	(X)	(X)	262,735
	Automobile seat covers, total.....	1,000 sets..	5,717	5,640	40,050	(NA)	6,027	50,671
23990 12	Fiber.....	...do.....	1,137	1,120	8,533	(NA)	1,228	9,192
23990 14	Woven saran and other woven plastics.....	...do.....	1,200	1,141	11,974	1,795	1,706	18,267
23990 16	Clear plastic.....	...do.....	1,401	1,406	9,028	764	797	7,682
23990 19	Other.....	...do.....	1,537	1,531	7,308	(NA)	1,777	11,163
23990 10	Automobile seat covers, n.s.k.....	...do.....	⁶ 442	⁶ 442	3,207	(NA)	⁶ 519	4,367
23990 21	Automobile and aircraft seat (or safety) belts ¹² ...	1,000 units.	11,565	11,519	34,889	(NA)	(NA)	(NA)
22110 33 23990 22 22110 35 23990 24	Diapers (excluding disposable).....	1,000 dozens	(NA)	(NA)	¹³ 30,097	14,208	14,258	27,119
23990 27	Disposable diapers (paper, nonwoven fabrics, etc.) except diaper liners.....	...do.....	19,040	19,040	6,237	(X)	(NA)	3,752
23990 31	Sleeping bags.....	1,000.....	2,106	2,100	22,747	1,475	1,470	13,016
23990 41	Flags, banners, and similar emblems.....	.....	(X)	(X)	26,929	(X)	(X)	17,211
23990 83	Parachutes:							
23990 89	Nylon.....	1,000.....	(X)	244	28,231	(X)	(NA)	20,369
	Other fibers.....	.....	(X)	(NA)	770			
23990 98	Other fabricated textile products, n.e.c.....	.....	(X)	(X)	75,497	(X)	(X)	85,590
23990 00	Fabricated textile products, n.e.c., n.s.k.....	.....	(X)	(X)	96,478	(X)	(X)	45,007

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Production data for 1963 do not include the entire output of curtains and draperies made on commission. Commission plants with receipts of approximately \$12 million did not report their production data.

²Commission receipts are not included in the total for curtains and draperies.

³Data are for cotton bedspreads and bedsets, except tufted.

⁴See text "Comparability of Census and Current Survey Data."

⁵1958 data for tufted bedspreads are from the Current Industrial Reports Series M22L, Tufted Textile Products.

⁶Quantity estimated or partially estimated based on the unit-value relationship reported for other products.

⁷Includes shipments of bedspreads, bedsets, sheets, pillowcases, towels, and other household furnishings not specified by kind.

⁸For 1958, embroideries, code 2395112, include \$10,712 thousand which was not differentiated between the value of embroideries shipped and commission receipts for embroidering on materials owned by others.

⁹For 1958, embroideries, stamped art goods, art needlework, trimmings and findings, not specified by kind, are included with apparel findings and related products, not specified by kind (code 2396000).

¹⁰In 1963, shipments of hatters' fur, cut or blown for sale as such, amounted to 1,379 thousand pounds at a value of \$3,612 million; whereas shipments in 1958 amounted to 1,744 thousand pounds at a value of \$6,663 million.

¹¹Excludes commission receipts for Schiffl machine embroidering on materials owned by others. This amounted to \$21,034 thousand in 1963 and \$22,510 thousand in 1958. The 1963 total included \$5,515 thousand which was not differentiated between the value of product sales and receipts for commission work. The comparable figure for 1958 was \$3,128 thousand.

¹²In 1958, separate data for automobile and aircraft seat (or safety) belts were not collected separately.

¹³Includes a small amount for knitted diapers.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
239	Fabricated textiles, n.e.c.....1963..	(¹)	(¹)
	1958..	(¹)	(¹)
2391	Curtains and draperies, except lace.....1963..	173	95
	1958..	123	96
2392	Housefurnishings, except curtains and draperies....1963..	149	101
2211 pt.		119	100
23926	Bedspreads and bedsets.....1963..	159	98
	1958..	137	89
23928	Sheets and pillowcases made from woven fabric....1963..	146	106
22118		112	100
23929	Towels and washcloths made from woven fabric....1963..	168	92
22119		123	96
23930	Other housefurnishings.....1963..	140	102
	1958..	114	107
2393	Textile bags, except laundry and wardrobe.....1963..	72	121
	1958..	78	106
2394	Canvas products.....1963..	(¹)	(¹)
	1958..	(¹)	(¹)
2395	Pleating, decorative and novelty stitching, and tucking for the trade.....1963..	(¹)	(¹)
	1958..	(¹)	(¹)
2396	Apparel findings and related products.....1963..	(¹)	(¹)
	1958..	(¹)	(¹)
2397	Schiffli machine embroideries.....1963..	(¹)	(¹)
	1958..	(¹)	(¹)
2399	Fabricated textile products, n.e.c.....1963..	(¹)	(¹)
22110 pt.		(¹)	(¹)

n.e.c. Not elsewhere classified.

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
23910	Curtains and draperies, except lace (made from purchased fabric).....	278,313	256,801	261,564	226,120	234,209	198,723	167,602	110,833
2392-2211pt.	Housefurnishings, n.e.c.....	1,116,246	1,030,161	981,757	927,890	904,405	852,910	720,135	(NA)
23926	Bedspreads and bedsets made from purchased fabric ²	111,901	113,966	108,951	101,094	90,886	83,524	70,075	(NA)
22118	Sheets and pillowcases:								
23928	Made in cotton weaving mills.....	328,824	294,415	271,028	261,164	250,836	239,927	214,274	(NA)
	Made in other industries.....								
22119	Towels and washcloths:								
23929	Made in cotton weaving mills.....	226,447	218,797	211,799	197,280	196,165	174,551	147,717	117,159
	Made in other industries.....								
23920	Other housefurnishings.....	449,074	402,993	389,979	368,352	366,518	354,908	288,069	192,517
23930	Textile bags, except laundry, wardrobe, and shoe.....	181,869	194,021	192,015	178,450	176,057	174,902	210,191	334,335
23940	Canvas products.....	153,489	160,377	139,483	144,338	127,761	114,202	124,042	87,071
2395-	Pleating and stitching.....	132,180	(³)	(³)	(³)	(³)	(³)	(NA)	(NA)
23951	Embroideries (except Schiffli machine products) stamped art goods and art needlework.....	46,015	43,977	45,318	48,444	49,603	44,696	40,603	(NA)
23959	Commission embroidering (except Schiffli machine) tucking, pleating, etc. for the trade.....	54,552	47,744	48,874	(S)	(S)	47,414	59,664	(NA)
23950	Pleating and stitching for the trade, n.s.k.....	31,613	(S)	(S)	(S)	(S)	(⁴)	(NA)	(NA)
2396-	Apparel findings and related products.....	556,330	³ 564,695	³ 498,886	³ 527,877	³ 471,545	³ 400,852	(NA)	(NA)
23961	Men's and boys' suit and coat findings, hatters' fur and other hat and cap material.....	44,970	(S)	(S)	(S)	(S)	49,422	45,408	71,236
23962	Automobile and furniture trimmings.....	360,171	303,066	224,526	248,669	210,593	160,564	151,539	30,892
23963	Other trimmings and findings.....	127,385	72,385	70,180	65,854	58,163	55,921	77,203	40,784
23960	Apparel findings, n.s.k.....	23,804	(S)	(S)	(S)	(S)	⁴ 42,835	(NA)	(NA)
2397●	Schiffli machine embroideries.....	73,046	50,160	52,460	53,426	54,818	52,252	49,832	33,421
23990	Fabricated textile products, n.e.c.....	353,824	313,166	299,134	(S)	(S)	257,340	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Excludes shipments of bedspreads and bedsets made in weaving mills.

³Totals for industry 2395, Pleating and Stitching, are included with those for industry 2396, Apparel Findings, for 1958 to 1962.

⁴Product class code 23950 is included with 23960 for 1958.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹		1963 ¹			1963 ¹	1958
OTHER HOUSE FURNISHINGS (23920)		BEDSPREADS AND BEDSETS (23926)			TEXTILE BAGS, EXCEPT LAUNDRY, WARDROBE, AND SHOE (23930)		
United States, total....	449,074	United States, total....	111,901		United States, total....	181,869	174,902
New England.....	29,141	New England.....	6,381		New England.....	3,422	2,686
Massachusetts.....	16,278	Massachusetts.....			Massachusetts.....	1,465	1,235
Rhode Island.....	1,028	Middle Atlantic.....	24,883		Middle Atlantic.....	31,437	30,937
Connecticut.....	11,504	New York.....	20,063		New York.....	14,600	17,261
Middle Atlantic.....	215,165	North Central.....	4,858		New Jersey.....	6,949	5,448
New York.....	134,412	South.....	69,452		Pennsylvania.....	9,888	8,228
New Jersey.....	43,731	North Carolina.....	17,140		East North Central.....	17,805	14,799
Pennsylvania.....	37,022	Georgia.....	40,677		Ohio.....	4,158	3,189
East North Central.....	69,188	Alabama.....	3,493		Indiana.....	7,234	5,254
Ohio.....	11,970	West.....	6,327		Illinois.....	4,012	4,408
Indiana.....	2,116				West North Central.....	27,290	30,611
Illinois.....	46,278				Minnesota.....	4,591	5,844
Michigan.....	5,740				Missouri.....	17,665	19,436
Wisconsin.....	3,084				South Atlantic.....	22,723	18,651
West North Central.....	14,802	SHEETS AND PILLOWCASES (22118 and 23928)	1963 ¹	1958	Maryland.....	1,757	(Z)
Minnesota.....	2,807	United States, total....	328,824	239,927	Virginia.....	6,461	6,951
Missouri.....	6,816	North Carolina.....	100,113	69,571	North Carolina.....	7,437	3,193
South Atlantic.....	56,595	South Carolina.....	136,509	83,728	Georgia.....	6,235	6,690
Maryland.....	13,320	Georgia.....	19,553	(²)	East South Central.....	16,925	14,390
District of Columbia.....	1,172	All other states.....	72,649	(²)	Tennessee.....	13,288	12,260
Virginia.....	5,789				West South Central.....	37,018	33,800
North Carolina.....	11,484	TOWELS AND WASHCLOTHS (22119 and 23929)			Texas.....	21,777	21,053
South Carolina.....	5,734	United States, total....	226,447	174,551	Mountain.....	3,686	} 29,028
Georgia.....	14,619	Northeast.....	2,844	(²)	Pacific.....	21,563	
Florida.....	3,701	South Atlantic.....	185,370	(²)	California.....	12,064	15,901
East South Central.....	19,428	South Carolina.....	12,819	(Z)	AUTOMOBILE AND FURNITURE TRIMMINGS (23962)	1963 ¹	
Tennessee.....	6,094	Georgia.....	37,007	28,197	United States, total....		360,171
Mississippi.....	7,320	All other divisions.....	38,233	(²)	Northeast.....		6,004
West South Central.....	8,762				New York.....		4,828
Louisiana.....	1,108				North Central.....		344,903
Texas.....	6,992				South and West.....		9,264
West.....	35,993						
Washington.....	1,046						
Oregon.....	1,805						
California.....	32,109						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 23920, Iowa, Kansas, Kentucky, and Alabama; 23926, Massachusetts, Connecticut, Pennsylvania, Indiana, Illinois, Kentucky, Tennessee, and California; 22118 and 23928, Maine, Virginia, Alabama, Arkansas, and Texas; 22119 and 23929, New York, Illinois, Virginia, North Carolina, Tennessee, and Alabama; 23930, Maine, Michigan, Wisconsin, Iowa, Nebraska, Kansas, Kentucky, Alabama, Louisiana, Colorado, Utah, Washington, and Oregon; 23962, Indiana, Illinois, Michigan, and California.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2391.—CURTAINS AND DRAPERIES			
	Materials, containers, supplies, etc., total.....		(X)	161,746	(X)	118,850
	Broad woven fabrics:					
221101	Cotton.....	1,000 lin. yds..	75,350	25,960	77,583	28,151
222101	Rayon and acetate.....	do.....	102,827	44,438	62,059	20,928
222161	Nylon.....	do.....	7,035	1,707	21,463	7,116
220127	Other broad woven fabrics.....	do.....	99,793	37,430	75,814	28,853
307911	Unsupported plastic film and sheeting (excluding packaging material).....	1,000 sq. yds..	25,254	2,587	46,733	7,240
282014	Man-made fibers (staple and tow).....	1,000 lbs.....	5,356	2,470	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	9,349	(X)	7,134
976000	Materials, containers, supplies, n.s.k. ¹		(X)	37,805	(X)	19,428
			INDUSTRY 2392.—HOUSEFURNISHINGS, N.E.C.			
	Materials, containers, supplies, etc., total.....		(X)	395,213	(X)	366,008
	Broad woven fabrics:					
221101	Cotton.....	1,000 lin. yds..	420,261	137,506	525,835	169,673
222101	Rayon and acetate.....	do.....	70,128	30,222	41,857	18,118
222161	Nylon.....	do.....	10,102	3,788	12,164	4,739
220127	Other broad woven fabrics.....	do.....	44,597	15,616	18,194	6,539
229503	Plastic coated, impregnated or laminated fabrics, including artificial leather.....	do.....	40,229	8,134	(²)	(²)
307911	Unsupported plastic film and sheeting (excluding packaging material).....	1,000 sq. yds..	107,213	14,939	105,060	18,945
282014	Man-made fibers (staple and tow).....	1,000 lbs.....	18,048	9,394	(²)	(²)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	101,486	(X)	65,300
976000	Materials, containers, supplies, n.s.k. ¹		(X)	74,128	(X)	82,694
			INDUSTRY 2393.—TEXTILE BAGS			
	Materials, containers, supplies, etc., total.....		(X)	123,616	(X)	136,983
	Broad woven fabrics:					
221101	Cotton.....	1,000 lin. yds..	139,719	27,476	190,499	33,168
222161	Nylon.....	do.....	(²)	(²)	32,892	3,649
220127	Other broad woven fabrics.....	do.....	495,248	62,402	553,570	55,601
229503	Plastic coated, impregnated or laminated types, including artificial leather.....	do.....	3,731	862	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		-	20,765	(X)	32,125
976000	Materials, containers, supplies, n.s.k. ¹		-	12,111	(X)	15,440
			INDUSTRY 2394.—CANVAS PRODUCTS			
	Materials, containers, supplies, etc., total.....		(X)	83,661	(X)	65,127
	Broad woven fabrics:					
221101	Cotton.....	1,000 lin. yds..	62,980	31,181	52,117	22,167
222101	Rayon and acetate.....	do.....	(⁴)	(⁴)	51,713	51,319
222161	Nylon.....	do.....	(⁴)	(⁴)	51,713	51,319
220127	Other broad woven fabrics.....	do.....	5,596	4,198	2,019	1,505
229503	Plastic coated, impregnated or laminated fabrics, including artificial leather.....	do.....	2,939	3,289	(NA)	(NA)
307911	Unsupported plastic film and sheeting (excluding packaging material).....	1,000 sq. yds..	1,700	393	2,182	549
970099	All other materials and components, parts, containers, and supplies consumed.....		-	18,358	(NA)	16,382
976000	Materials, containers, supplies, n.s.k. ¹		-	26,242	(NA)	23,205
			INDUSTRY 2399.—TEXTILE PRODUCTS, N.E.C.			
	Materials, containers, supplies, etc., total.....		(X)	176,602	(X)	134,799
	Broad woven fabrics:					
221101	Cotton.....	1,000 lin. yds..	121,053	25,075	95,154	18,931
222101	Rayon and acetate.....	do.....	4,568	2,550	16,191	9,539
222161	Nylon.....	do.....	23,086	12,319	63,725	62,502
220127	Other broad woven fabrics.....	do.....	4,220	3,882	12,771	9,817

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2399.—TEXTILE PRODUCTS, N.E.C.—Continued			
229503	Plastic coated, impregnated or laminated fabrics, including artificial leather.....	1,000 lin. yds..	10,142	7,169	-	-
307911	Unsupported plastic film and sheeting (exclude packaging materials).....	1,000 sq. yds...	11,546	5,432	16,956	7,792
282014	Man-made fibers (staple and tow).....	1,000 lbs.....	12,888	4,427	-	-
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	63,827	(X)	47,690
976000	Materials, containers, supplies, n.s.k. ¹		(X)	51,926	(X)	38,528

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

²Included with "all other materials, etc."

³Primarily rayon.

⁴Included with "Other broad woven fabrics."

⁵Primarily nylon.

⁶Consumption of nylon in the making of parachutes was not collected separately in 1958; thus, 1958 is not directly comparable with 1963.

TABLE 7B. **Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962**

Item	House- furnishings, n.e.c. (SIC 2392)	Textile bags (SIC 2393)	Canvas products (SIC 2394)	Schiffli machine embroideries (SIC 2397)	Textile products, n.e.c. (SIC 2399)
Total cost of purchased fuels and electric energy.....\$1,000..	3,065	997	853	590	1,592
Total cost of purchased fuels.....do....	1,005	449	383	193	550
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	23	(S)	(S)	-	(S)
Cost.....\$1,000..	187	(S)	(S)	-	(S)
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	60	(S)	27	(S)	(S)
Cost.....\$1,000..	224	(S)	124	(S)	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	550	(S)	173	(S)	154
Cost.....\$1,000..	308	(S)	115	(S)	104
Other fuels.....do....	286	232	134	136	251
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	104	30	27	22	59
Cost.....\$1,000..	2,060	548	470	397	1,042
Generated less sold.....million kw.-hrs..	-	-	-	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	-	-	-	-	-
Prime movers, total.....do....	-	-	-	-	-
Driving generators.....do....	-	-	-	-	-
Not driving generators.....do....	-	-	-	-	-
Electric motors, total.....do....	-	-	-	-	-
Driven by purchased energy.....do....	-	-	-	-	-
Driven by energy generated at establishment.....do....	-	-	-	-	-
Aggregate horsepower per 100 production workers.....	-	-	-	-	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2392-	HOUSEFURNISHINGS, N.E.C.										
	Entire industry.....	1,239	39,690	142,820	33,637	63,931	102,676	285,759	433,147	716,650	8,384
	Establishments with--										
	90% or more specialization..	982	21,181	91,917	21,012	40,159	63,779	195,363	287,848	481,414	4,692
	75-89% specialization.....	50	3,209	12,181	2,733	5,042	8,850	24,259	44,331	68,915	1,631
23926	Bedspreads and bedsets (primary product class of estab.).....	101	6,271	21,075	5,286	10,132	15,802	39,635	62,347	101,489	1,163
	Establishments with--										
	90% or more specialization....	67	3,927	12,321	3,262	6,005	9,316	22,220	39,309	61,308	571
	75-89% specialization.....	8	229	876	198	379	658	1,947	1,751	3,619	206
23929	Cotton towels and wash cloths (primary product class of estab.)	14	1,038	3,521	908	1,851	2,696	9,577	20,365	30,214	1,110
2393-	TEXTILE BAGS										
	Entire industry.....	192	7,191	28,254	6,125	11,906	20,681	56,523	144,648	200,426	1,878
	Establishments with--										
	90% or more specialization....	158	4,406	16,675	3,821	7,239	12,290	33,326	92,119	125,223	943
	75-89% specialization.....	13	1,369	5,616	1,122	2,287	3,858	11,679	28,892	40,433	541
2395-	PLEATING AND STITCHING										
	Entire industry.....	1,316	16,353	55,528	14,679	27,975	46,349	95,240	55,060	150,183	2,837
	Establishments with--										
	90% or more specialization..	1,177	14,335	48,162	12,879	24,648	40,504	83,381	48,047	131,165	2,204
23951	Embroideries (except Schiffli-machine products), stamped art goods and art needlework (primary product class of estab.).....	288	4,293	15,997	3,787	7,007	12,433	26,021	27,501	53,299	682
	Establishments with--										
	90% or more specialization....	264	3,764	13,744	3,342	6,152	10,911	22,686	22,444	44,786	619
2396-	APPAREL FINDINGS										
	Entire industry.....	756	24,539	122,633	20,813	40,073	94,156	227,810	343,494	570,616	8,321
	Establishments with--										
	90% or more specialization..	663	21,289	109,595	17,999	34,762	84,139	204,400	317,006	520,605	7,774
23961	Men's and boys' suit and coat findings, hatters' fur and other hat and cap material (primary product class of estab.).....	92	2,791	10,466	2,331	4,244	7,809	19,494	27,045	46,742	363
	Establishments with--										
	90% or more specialization....	85	2,657	9,786	2,217	4,030	7,281	17,863	22,530	40,640	274
23962	Automobile and furniture trimmings (primary product class of estab.)	45	10,887	70,524	9,293	19,272	56,344	132,695	227,819	359,939	6,323
	Establishments with--										
	90% or more specialization....	31	9,795	65,580	8,359	17,395	52,486	123,214	211,478	334,131	6,163
23963	Other trimmings and findings (primary product class of estab.)	370	7,710	31,178	6,484	11,746	21,773	56,855	77,853	134,283	1,257
	Establishments with--										
	90% or more specialization....	332	5,766	22,838	4,951	8,935	16,539	41,176	59,156	99,858	864
	75-89% specialization.....	11	1,018	4,143	791	1,498	2,472	7,111	9,619	16,662	186

n.e.c. Not elsewhere classified.

Lumber and Wood Products

- 24A Logging camps, sawmills and planing mills
- 24B Millwork, plywood and prefabricated structural wood products
-
- 24C Wooden containers and misc. wood products

This major group includes logging camps engaged in cutting timber and pulpwood, sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills, and plywood mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25, Furniture and Fixtures; pianos, musical instruments, toys and playground equipment, and caskets and coffins in Major Group 39, Miscellaneous Manufacturing.

Wood working in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries.

LUMBER AND WOOD PRODUCTS: MAJOR GROUP 24

Value Added by Manufacture by State: 1963

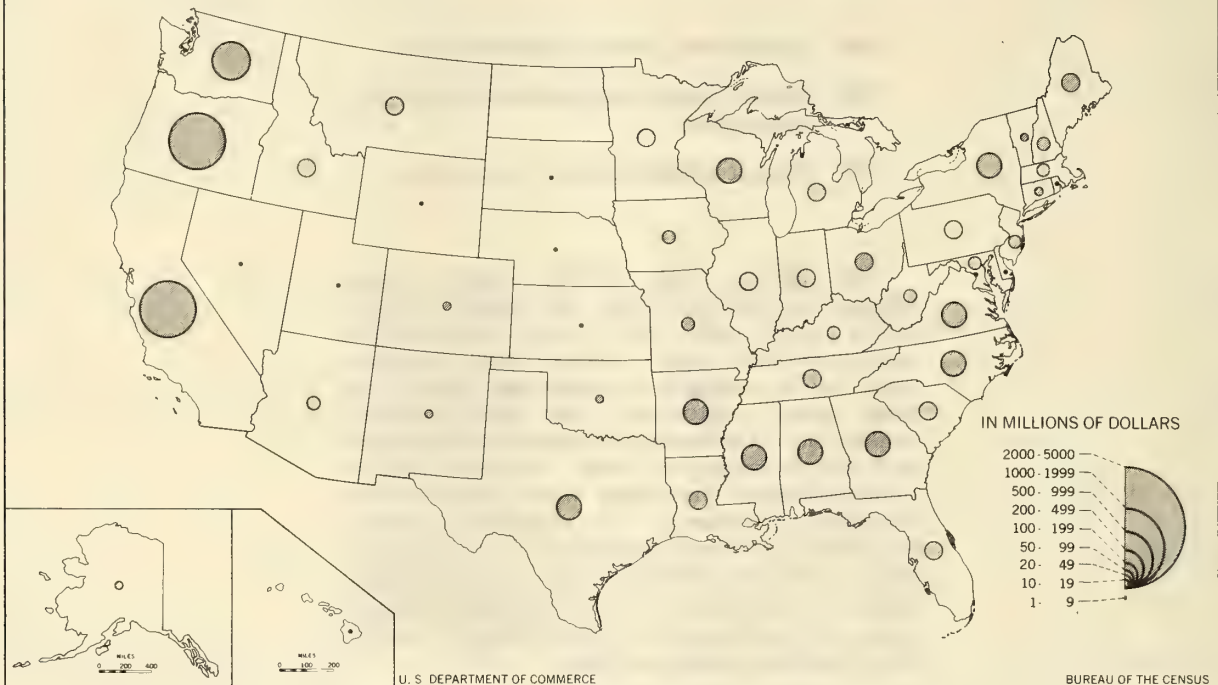


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted ²	Cost of materials ³	Value of shipments ⁴	Capital expenditures, new ⁵
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963	36 303	5 931	568 714	2 385 442	497 409	979 665	1 943 287	4 020 600	5 197 039	9 200 039	394 729
1958	38 028	5 963	591 049	2 042 249	508 535	966 359	1 640 777	3 212 621	(NA)	7 595 100	286 457
1954	(NA)	(NA)	650 436	1 962 582	531 920	1 106 955	1 604 959	3 241 606	(NA)	(NA)	217 361
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963	153	66	5 579	46 709	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958	146	59	5 677	34 798	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954	(NA)	(NA)	4 473	29 059	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	36 150	5 765	563 135	2 338 733	497 409	978 665	1 943 287	4 020 600	5 197 039	9 200 039	394 729
1958	37 882	5 904	585 372	2 007 451	508 883	966 943	1 642 234	3 212 621	(NA)	7 595 100	286 457
1954	41 484	6 387	645 963	1 933 523	581 920	1 106 955	1 604 859	3 241 606	(NA)	(NA)	217 361
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁶	(NA)	(NA)	552 747	2 169 777	493 006	971 978	1 779 474	3 643 907	4 841 874	9 426 822	300 143
1961 ⁶	(NA)	(NA)	555 535	2 083 851	493 817	960 473	1 714 158	3 413 053	4 607 737	7 987 912	242 174
1960 ⁶	(NA)	(NA)	594 402	2 169 351	528 929	1 027 867	1 779 009	3 494 890	(NA)	(NA)	334 009
1959 ⁶	(NA)	(NA)	617 313	2 230 256	552 030	1 071 071	1 949 492	3 805 758	(NA)	(NA)	300 730
1957 ⁶	(NA)	(NA)	645 792	2 110 461	579 099	1 072 438	1 723 341	3 284 511	(NA)	(NA)	204 089
1956 ⁶	(NA)	(NA)	698 406	2 275 589	631 275	1 187 329	1 886 522	3 816 781	(NA)	(NA)	292 750
1955 ⁶	(NA)	(NA)	693 025	2 196 549	627 539	1 201 880	1 819 766	3 743 883	(NA)	(NA)	302 272
1953 ⁶	(NA)	(NA)	719 900	2 086 794	658 352	1 235 784	1 803 186	3 500 524	(NA)	(NA)	182 995
1952 ⁶	(S)	(NA)	742 705	2 071 546	686 758	1 269 903	1 786 324	3 449 260	(NA)	(NA)	177 820
1951 ⁶	(S)	(NA)	770 493	2 014 894	713 473	1 308 331	1 738 052	3 523 177	(NA)	(NA)	239 583
1950 ⁶	41 506	(NA)	750 499	1 748 234	691 938	1 271 752	1 509 888	3 165 760	(NA)	(NA)	191 817
1949 ⁶	(NA)	(NA)	649 144	1 421 649	600 972	1 083 233	1 210 161	2 283 929	(NA)	(NA)	147 481
1947 ⁸	26 312	(NA)	641 799	1 351 957	601 412	1 255 102	1 191 052	2 520 402	(NA)	(NA)	171 574
1939 ⁸	13 208	(NA)	(NA)	(NA)	422 947	(NA)	355 142	731 208	(NA)	(NA)	(NA)
1937 ⁸	11 747	(NA)	(NA)	(NA)	438 181	(NA)	368 469	714 278	(NA)	(NA)	(NA)
1935	11 290	(NA)	414 455	340 326	384 160	(NA)	282 568	541 704	(NA)	(NA)	(NA)
1933	8 356	(NA)	314 402	211 868	293 905	(NA)	181 930	379 130	(NA)	(NA)	(NA)
1931	11 141	(NA)	(NA)	(NA)	326 674	(NA)	276 499	524 410	(NA)	(NA)	(NA)
1929 ⁹	20 928	(NA)	651 259	759 310	603 426	(NA)	632 193	1 322 049	(NA)	(NA)	(NA)
1927	14 949	(NA)	649 153	748 375	602 305	(NA)	631 860	1 179 184	(NA)	(NA)	(NA)
1925 ¹⁰	16 878	(NA)	725 762	814 797	674 217	(NA)	693 285	1 332 641	(NA)	(NA)	(NA)
1923	16 671	(NA)	745 910	820 046	692 852	(NA)	700 404	1 399 394	(NA)	(NA)	(NA)
1921	16 548	(NA)	565 809	581 330	520 731	(NA)	482 768	852 930	(NA)	(NA)	(NA)
1919	35 872	(NA)	714 592	773 506	663 414	(NA)	667 960	1 298 250	(NA)	(NA)	(NA)
1914 ¹¹	37 949	(NA)	717 727	409 893	671 580	(NA)	349 021	646 937	(NA)	(NA)	(NA)
1909	44 822	(NA)	(NA)	(NA)	757 654	(NA)	346 765	708 104	(NA)	(NA)	(NA)
1904	29 308	(NA)	(NA)	(NA)	595 476	(NA)	272 311	577 475	(NA)	(NA)	(NA)
1899	32 356	(NA)	(NA)	(NA)	562 932	(NA)	209 112	436 834	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy, and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933 cost of contract work was not subtracted from value of products in calculating value added by manufacture.

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962 or prior to 1949.

⁶The figures for 1958 through 1963 include data for establishments primarily engaged in the manufacture of hard pressed wood fiberboard. Prior to 1958 these establishments were classified in Industry 2661, Building Paper and Building Board Mills. Data for establishments primarily engaged in manufacturing fabricated hardboard products are also included in the figures shown for 1958 through 1963. These establishments were previously classified in Industry 2649, Paper and Board Products, N.E.C.

⁷These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁸A significant under-coverage in the 1950 and 1949 sample for this major industry group is to be noted, especially in industry 2411 (logging camps and logging contractors).

⁹The figures for 1937 to 1947 exclude data for logging contractors and independent logging camps not operating sawmills as well as establishments primarily engaged in manufacture of venetian blinds, which are included for these years in the series for the "Furniture and Fixtures" industries.

¹⁰The figures for 1899 to 1929 do not include data for establishments primarily engaged in manufacture of wood and vehicle stock, which are included for these years in the series for the "Transportation Equipment" industries. Value added by manufacture for 1931, excluding data for these establishments and on a basis comparable with 1929, was \$523.8 million.

¹¹The figures for 1899 to 1923 include data for establishments engaged in manufacture of rules made of metal and other materials as well as wood, whereas the figures for later years include data for establishments making wooden rules only.

¹²The figures for 1914 do not include data for establishments engaged in manufacture of laths and shingles. The figures for 1899 to 1909 include data for establishments primarily engaged in manufacture of windows and door screens, which are included for later years in the series for the "Furniture and Fixtures" industries. Value added by manufacture for 1914, including data for these establishments, was \$651.8 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
24	LUMBER AND WOOD PRODUCTS, TOTAL . . .	36 150	5 765	563 135	2 338 733	497 409	978 665	1 945 267	4 020 600	394 729	555 372	3 212 621
	NORTHEAST	5 723	735	60 236	247 798	51 625	103 340	194 685	409 137	32 747	63 642	362 677
	NEW ENGLAND	2 667	315	27 663	107 355	24 307	49 442	87 880	165 624	15 195	29 841	149 428
	MAINE	1 313	115	11 854	42 609	10 825	22 366	37 727	60 316	7 415	12 997	59 684
	NEW HAMPSHIRE	384	57	4 526	16 877	3 997	8 305	13 823	26 752	2 907	5 232	24 153
	VERMONT	332	43	3 360	11 881	3 005	6 016	10 050	17 732	1 785	3 826	17 786
	MASSACHUSETTS	419	73	5 702	26 146	4 659	9 210	18 937	42 852	2 259	5 900	36 084
	RHODE ISLAND	53	6	486	1 890	399	765	1 420	3 199	132	350	2 315
	CONNECTICUT	166	21	1 735	7 952	1 422	2 780	5 923	14 773	697	1 536	9 426
	MIDDLE ATLANTIC	3 056	420	32 573	140 443	27 318	53 898	106 805	243 513	17 552	33 801	213 249
	NEW YORK	1 268	202	15 274	70 294	12 875	25 387	53 558	116 902	8 425	16 560	106 506
	NEW JERSEY	334	63	4 962	22 838	4 143	8 222	17 167	38 078	1 748	4 990	41 037
	PENNSYLVANIA	1 454	155	12 337	47 311	10 300	20 289	36 080	88 533	7 379	12 251	65 706
	NORTH CENTRAL	5 783	850	78 442	331 488	66 159	131 290	250 665	573 955	36 879	79 341	483 368
	EAST NORTH CENTRAL	4 123	631	58 700	252 686	49 419	99 130	190 475	433 993	27 857	57 867	352 121
	OHIO	794	116	8 959	38 991	7 280	14 594	28 420	68 955	4 798	8 911	57 469
	INDIANA	546	109	10 225	45 600	8 647	17 891	33 491	85 503	4 864	9 438	69 271
	ILLINOIS	645	125	11 088	54 118	8 959	17 464	37 837	88 819	3 840	11 836	77 460
	MICHIGAN	1 260	143	12 252	49 757	10 471	20 253	38 492	89 192	8 315	11 447	62 318
	WISCONSIN	878	138	16 176	64 220	14 062	28 928	52 235	101 524	6 040	16 235	85 603
	WEST NORTH CENTRAL	1 660	219	19 742	78 802	16 740	32 160	60 190	139 962	9 022	21 474	131 247
	MINNESOTA	684	67	7 001	29 344	5 812	10 664	21 990	55 237	3 818	7 185	54 336
	IOWA	173	27	3 287	14 717	2 736	5 222	11 150	26 308	1 166	4 712	30 195
	MISSOURI	597	93	6 904	23 531	6 039	11 696	18 547	41 177	2 769	6 932	32 771
	NORTH DAKOTA	16	1	97	354	79	162	274	419	84	50	148
	SOUTH DAKOTA	52	8	687	2 799	589	1 272	2 276	4 531	587	1 040	4 816
	NEBRASKA	46	11	902	4 526	753	1 683	3 251	7 065	266	810	4 319
	KANSAS	92	12	864	3 531	732	1 461	2 702	5 225	332	745	4 662
	SOUTH	16 262	2 408	230 449	701 349	205 613	407 164	583 913	1 227 195	144 266	247 362	936 922
	SOUTH ATLANTIC	9 103	1 209	109 533	318 981	97 528	188 667	264 519	549 865	59 572	122 709	429 245
	DELAWARE	50	12	868	2 663	705	1 286	1 972	5 444	356	940	3 348
	MARYLAND	332	59	4 665	17 516	3 940	7 871	13 171	28 661	1 991	5 135	23 630
	DISTRICT OF COLUMBIA	8	3	172	1 069	110	206	619	1 180	28	106	781
	VIRGINIA	1 597	237	20 914	60 469	18 507	35 677	49 134	105 051	11 829	22 037	76 218
	WEST VIRGINIA	641	67	6 041	17 579	5 397	10 363	15 061	29 873	4 635	6 975	21 915
	NORTH CAROLINA	2 256	300	27 403	76 916	24 529	47 609	64 354	129 145	12 666	31 253	101 720
	SOUTH CAROLINA	1 123	155	14 761	40 401	13 348	25 920	34 964	71 038	8 269	16 488	51 609
	GEORGIA	2 011	244	22 741	62 236	20 432	39 019	52 620	111 001	12 159	26 334	94 058
	FLORIDA	1 085	132	11 968	40 132	10 560	20 716	32 624	68 472	7 639	13 441	55 966
	EAST SOUTH CENTRAL	4 076	670	65 761	203 215	58 481	115 642	168 635	361 441	54 657	67 049	274 076
	KENTUCKY	648	103	8 354	26 329	7 339	13 882	21 205	44 279	4 185	8 921	39 173
	TENNESSEE	1 075	161	16 574	49 209	14 728	29 072	40 322	85 559	5 752	17 514	65 347
	ALABAMA	1 508	215	19 919	54 953	17 822	35 055	46 244	100 907	10 600	23 773	77 894
	MISSISSIPPI	845	191	20 914	72 724	18 592	37 633	60 864	130 696	34 120	22 429	91 662
	WEST SOUTH CENTRAL	3 083	529	55 155	179 153	49 604	102 855	150 759	315 889	30 037	57 604	233 601
	ARKANSAS	1 202	203	21 198	66 589	19 455	41 159	57 635	119 830	11 186	21 260	78 603
	LOUISIANA	823	145	14 682	46 229	13 227	26 896	39 442	74 721	9 202	17 089	67 839
	OKLAHOMA	133	20	2 014	6 961	1 765	3 724	5 824	12 547	724	2 096	8 588
	TEXAS	925	161	17 261	59 374	15 157	31 076	47 858	108 791	8 925	17 159	78 571
	WEST	8 381	1 773	194 101	1 058 487	174 098	337 018	914 257	1 815 117	180 747	188 135	1 419 885
	MOUNTAIN	1 615	282	28 368	138 223	25 537	50 979	120 020	230 034	28 908	26 386	165 456
	MONTANA	439	80	8 297	42 126	7 423	14 861	36 287	70 670	9 755	6 669	47 549
	IDAHO	489	99	10 288	53 632	9 407	18 677	47 803	88 581	11 743	10 337	66 990
	WYOMING	98	12	947	3 932	869	1 666	3 531	6 861	811	850	4 612
	COLORADO	233	23	2 386	9 494	2 116	4 548	8 006	14 612	1 620	2 642	12 801
	NEW MEXICO	117	25	2 134	8 417	1 937	3 661	7 092	13 606	1 725	1 812	11 559
	ARIZONA	129	27	3 022	14 869	2 633	5 329	12 509	24 997	2 299	2 831	15 378
	UTAH	86	12	935	3 786	827	1 626	3 143	6 052	656	741	3 041
	NEVADA	24	4	359	1 967	325	611	1 649	4 655	299	504	3 526
	PACIFIC	6 766	1 491	165 733	920 264	148 561	286 039	794 237	1 585 083	151 839	161 749	1 254 429
	WASHINGTON	1 882	337	42 440	226 425	38 632	71 997	199 524	360 706	39 756	41 415	291 877
	OREGON	2 416	598	69 975	389 581	63 133	122 043	339 590	700 535	67 513	67 714	555 042
	CALIFORNIA	2 339	536	51 906	295 545	45 570	89 762	247 655	510 358	43 082	51 569	400 992
	ALASKA	89	12	940	6 492	848	1 467	5 760	9 827	1 369	617	4 233
	HAWAII	40	8	472	2 221	378	770	1 708	3 657	119	434	2 285
241	LOGGING CAMPS AND CONTRACTORS, TOTAL ¹	13 588	557	73 130	281 845	65 790	122 505	254 122	520 457	95 602	71 738	390 380

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
242	SAWMILLS AND PLANING MILLS, TOTAL. .	13 372	2 575	242 657	935 743	218 640	428 316	805 829	1 572 518	181 545	278 632	1 344 731
	NORTHEAST	1 890	166	14 694	51 393	12 890	25 561	43 023	83 853	10 888	16 102	86 504
	NEW ENGLAND	721	69	5 806	19 711	5 197	10 522	16 764	31 093	4 528	6 453	38 208
	MAINE	280	33	2 555	8 145	2 334	4 640	7 262	12 437	2 051	2 589	19 966
	NEW HAMPSHIRE	134	13	1 050	3 606	936	1 927	2 953	5 896	747	1 322	5 734
	VERMONT	154	19	1 374	4 641	1 216	2 381	3 828	6 727	929	1 629	7 685
	MASSACHUSETTS	101	2	610	2 514	519	1 031	2 025	4 581	458	741	3 898
	MIDDLE ATLANTIC	1 169	97	8 888	31 682	7 693	15 239	26 259	52 760	6 560	9 649	48 296
	NEW YORK	328	43	3 342	13 281	2 932	5 871	10 956	20 311	2 450	4 095	24 876
	NEW JERSEY	50	5	527	2 366	424	870	1 808	4 043	328	465	2 869
	PENNSYLVANIA	791	49	5 019	16 035	4 337	8 498	13 495	28 406	3 782	5 089	20 551
	NORTH CENTRAL	2 032	208	17 356	58 273	15 383	29 506	48 832	97 365	10 255	18 018	83 645
	EAST NORTH CENTRAL	1 375	147	12 268	42 845	10 841	20 900	35 805	70 253	7 106	12 663	61 933
	OHIO	374	23	2 182	7 482	1 898	3 798	6 443	14 753	1 929	2 165	11 574
	INDIANA	255	26	1 943	6 437	1 697	3 308	5 330	10 608	1 274	2 002	7 449
	ILLINOIS	174	19	1 645	5 564	1 488	2 644	4 808	8 568	743	1 780	8 647
	MICHIGAN	311	48	3 498	13 207	3 093	6 054	10 899	20 584	1 883	3 617	18 328
	WISCONSIN	261	31	3 000	10 155	2 665	5 096	8 325	15 740	1 277	3 099	15 935
	WEST NORTH CENTRAL	657	61	5 088	15 428	4 542	8 606	13 027	27 112	3 149	5 355	21 712
	MINNESOTA	160	10	863	2 431	774	1 364	2 150	4 630	701	998	4 202
	IOWA	86	4	406	1 311	350	639	1 108	2 232	287	394	1 790
	MISSOURI	345	40	3 148	8 964	2 823	5 322	7 484	15 773	1 559	2 985	11 542
	SOUTH DAKOTA	20	3	370	1 586	336	765	1 387	2 434	329	756	3 250
	KANSAS	31	3	256	977	220	439	765	1 764	200	187	825
	SOUTH	7 187	1 397	121 141	346 062	109 260	215 722	295 900	588 888	84 617	146 208	477 787
	SOUTH ATLANTIC	3 977	680	51 634	138 587	46 305	87 961	118 271	234 988	29 855	67 127	205 844
	DELAWARE	18	6	313	709	293	530	657	1 316	195	(D)	(D)
	MARYLAND	152	26	1 627	4 933	1 395	2 658	3 947	7 985	989	(D)	(D)
	VIRGINIA	992	140	11 467	30 100	10 258	19 119	25 771	51 106	7 324	13 860	40 899
	WEST VIRGINIA	386	56	4 530	13 085	4 049	7 819	11 397	20 700	3 005	5 161	15 034
	NORTH CAROLINA	1 238	181	14 915	39 714	13 282	25 235	33 333	64 843	7 407	18 862	56 493
	SOUTH CAROLINA	380	87	6 117	16 119	5 522	10 552	14 092	26 930	3 726	8 340	23 923
	GEORGIA	640	147	9 941	25 463	8 983	16 878	21 835	46 863	5 262	13 676	43 003
	FLORIDA	171	37	2 724	8 464	2 523	5 170	7 239	15 245	1 947	4 593	17 856
	EAST SOUTH CENTRAL	2 122	438	37 599	104 567	33 796	66 143	89 160	178 909	38 322	43 277	139 074
	KENTUCKY	454	64	5 416	14 556	4 831	9 091	12 332	25 247	(D)	5 410	18 076
	TENNESSEE	742	101	10 634	29 614	9 497	18 684	24 873	53 647	4 230	11 426	39 939
	ALABAMA	551	146	12 055	33 130	10 936	21 559	28 409	57 194	(D)	15 435	49 271
	MISSISSIPPI	375	127	9 494	27 267	8 532	16 809	23 546	42 821	24 545	11 006	31 788
	WEST SOUTH CENTRAL	1 088	279	31 908	102 908	29 159	61 618	88 469	174 991	16 440	35 804	132 869
	ARKANSAS	561	124	14 101	45 337	13 014	28 132	39 267	81 067	5 775	14 748	54 041
	LOUISIANA	239	88	9 063	29 150	8 332	17 167	25 477	44 355	5 497	11 199	41 776
	OKLAHOMA	49	7	1 175	3 904	1 086	2 419	3 554	5 810	484	1 261	4 590
	TEXAS	239	60	7 569	24 517	6 727	13 900	20 171	43 759	4 684	8 596	32 462
	WEST	2 264	805	89 566	480 479	81 199	157 686	418 365	803 265	75 804	98 304	696 775
	MOUNTAIN	632	170	18 663	90 939	16 958	34 115	79 306	149 994	18 566	18 719	115 334
	MONTANA	175	47	5 437	27 793	4 838	9 702	23 645	44 864	5 978	4 985	36 110
	IDAHO	167	66	7 207	37 277	6 652	13 387	33 414	61 556	7 797	7 551	47 889
	WYOMING	51	8	592	2 532	553	1 084	2 328	4 944	521	667	3 531
	COLORADO	121	13	1 350	5 537	1 228	2 694	4 747	8 690	1 042	1 593	7 772
	NEW MEXICO	53	16	1 380	5 076	1 268	2 316	4 248	8 605	1 114	1 220	6 315
	UTAH	36	6	527	2 046	488	956	1 772	3 503	481	448	1 609
	PACIFIC	1 632	635	70 903	389 540	64 241	123 571	339 059	653 271	57 238	79 585	581 441
	WASHINGTON	553	164	19 848	102 274	18 113	33 052	89 903	165 311	14 207	20 251	134 304
	OREGON	588	249	27 199	151 198	24 682	47 396	131 657	252 005	23 360	32 479	245 819
	CALIFORNIA	467	220	23 656	134 670	21 268	42 761	116 341	233 516	19 333	26 446	198 859

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
243	MILLWORK AND RELATED PRODUCTS: TOTAL	4 970	1 454	147 244	726 642	125 569	253 600	572 197	1 239 845	70 563	135 078	926 351
	NORTHEAST	907	214	15 592	79 703	12 451	25 173	56 935	138 205	6 509	15 052	107 049
	NEW ENGLAND	277	62	5 219	24 015	4 372	9 078	18 153	39 444	2 401	5 302	29 822
	MAINE	26	5	664	2 778	602	1 433	2 383	4 163	307	832	4 526
	NEW HAMPSHIRE	29	13	1 289	5 347	1 141	2 421	4 371	9 747	989	1 229	5 755
	VERMONT	15	7	729	2 850	649	1 383	2 369	4 470	120	1 067	4 759
	MASSACHUSETTS	125	27	1 559	7 910	1 225	2 365	5 376	12 875	603	1 409	9 588
	RHODE ISLAND	16	3	183	904	132	260	634	1 423	32	176	981
	CONNECTICUT	66	7	795	4 226	623	1 216	3 020	6 766	350	589	4 213
	MIDDLE ATLANTIC	630	152	10 373	55 688	8 079	16 095	38 782	98 761	4 108	9 750	77 227
	NEW YORK	313	69	4 796	27 741	3 765	7 438	19 708	44 163	1 533	4 690	37 473
	NEW JERSEY	133	26	1 993	9 907	1 597	3 187	7 205	16 363	679	1 702	13 669
	PENNSYLVANIA	184	57	3 584	18 040	2 717	5 470	11 869	38 235	1 896	3 358	26 085
	NORTH CENTRAL	1 184	317	33 754	168 653	27 170	55 480	120 541	293 462	12 595	35 093	255 600
	EAST NORTH CENTRAL	882	240	25 811	128 716	20 872	43 313	91 991	221 925	9 553	25 605	181 746
	OHIO	145	45	3 738	19 561	2 772	5 601	12 574	33 703	1 624	3 371	26 479
	INDIANA	145	52	5 980	30 537	4 949	10 607	21 443	59 389	2 419	5 312	49 066
	ILLINOIS	256	48	4 194	24 025	3 148	6 189	15 598	40 209	1 313	4 735	34 508
	MICHIGAN	180	34	2 869	14 668	2 266	4 485	10 239	26 639	1 525	2 678	18 743
	WISCONSIN	156	61	9 030	39 925	7 737	16 431	32 137	61 985	2 672	9 509	52 950
	WEST NORTH CENTRAL	302	77	7 943	39 937	6 298	12 167	28 550	71 537	3 042	9 488	73 854
	MINNESOTA	106	29	3 179	16 479	2 440	4 353	11 330	32 359	1 322	3 346	33 377
	IOWA	42	16	2 395	11 609	1 973	3 913	8 779	20 960	695	3 821	25 541
	MISSOURI	73	15	1 219	6 226	971	1 949	4 467	10 109	605	1 231	7 838
	NEBRASKA	27	8	506	2 699	403	913	1 889	4 429	146	418	2 703
	KANSAS	34	7	465	2 076	384	761	1 527	2 473	89	457	3 291
	SOUTH	1 428	464	39 254	143 504	33 811	69 377	109 999	248 188	14 461	36 209	174 562
	SOUTH ATLANTIC	777	275	22 906	82 083	19 907	40 788	62 951	139 308	7 758	20 642	94 553
	MARYLAND	54	20	1 437	7 096	1 088	2 304	4 645	12 107	511	1 077	7 168
	VIRGINIA	87	39	3 963	14 905	3 287	6 878	10 405	25 714	1 609	3 311	17 309
	WEST VIRGINIA	12	5	422	1 627	373	776	1 281	2 683	126	485	2 591
	NORTH CAROLINA	163	78	6 075	19 850	5 558	11 454	16 438	32 781	1 760	6 139	24 521
	SOUTH CAROLINA	78	37	3 881	12 056	3 541	7 129	10 080	22 344	984	3 280	13 386
	GEORGIA	108	42	3 536	11 875	3 141	6 407	9 413	20 540	1 052	3 277	14 476
	FLORIDA	263	49	3 297	13 146	2 704	5 465	9 801	21 029	1 687	2 902	13 960
	EAST SOUTH CENTRAL	238	88	7 701	28 303	6 569	13 413	21 307	50 417	1 943	8 365	39 320
	KENTUCKY	35	14	1 006	4 821	792	1 607	3 120	8 016	377	1 184	7 556
	TENNESSEE	71	20	1 754	6 706	1 478	3 105	5 023	11 155	386	2 057	9 804
	ALABAMA	89	35	2 810	9 647	2 392	4 845	7 387	20 022	802	2 658	11 994
	MISSISSIPPI	43	19	2 131	7 129	1 907	3 856	5 777	11 224	378	2 466	9 966
	WEST SOUTH CENTRAL	413	101	8 647	33 118	7 335	15 176	25 741	58 463	4 760	7 202	40 689
	ARKANSAS	35	15	1 091	3 599	957	2 078	3 014	6 404	1 975	1 120	4 774
	LOUISIANA	61	22	1 394	4 973	1 187	2 378	3 872	7 650	725	1 746	8 262
	OKLAHOMA	47	7	470	1 945	354	677	1 339	3 418	111	433	2 390
	TEXAS	270	57	5 692	22 601	4 837	10 043	17 516	40 991	1 949	3 903	25 263
	WEST	1 451	459	58 644	334 782	52 137	103 570	284 722	563 835	36 899	48 724	389 140
	MOUNTAIN	222	46	3 734	18 521	3 213	6 426	15 162	28 591	2 148	2 556	18 096
	MONTANA	27	10	1 213	6 386	1 089	2 256	5 424	8 308	800	568	4 406
	IDAHO	28	6	463	2 179	407	811	1 820	3 619	306	148	802
	COLORADO	46	5	418	1 843	348	671	1 470	2 530	213	438	2 428
	ARIZONA	48	9	636	3 261	522	992	2 588	5 861	198	521	3 490
	UTAH	30	6	330	1 500	269	527	1 156	2 218	119	234	1 137
	NEVADA	12	3	178	899	160	285	733	2 519	149	302	1 772
	PACIFIC	1 229	413	54 910	316 261	48 924	97 144	269 560	535 244	34 751	46 168	371 044
	OREGON	270	165	27 982	158 218	25 231	50 294	137 267	284 488	18 581	22 109	192 768
	CALIFORNIA	722	164	14 626	88 352	12 463	24 480	70 486	144 438	6 487	12 021	94 888
	HAWAII	15	3	277	1 428	212	437	1 078	2 342	31	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
244	WOODEN CONTAINERS, TOTAL	986	320	30 945	111 804	27 948	55 333	92 087	174 232	8 531	38 308	176 582
	NORTHEAST	273	64	4 683	17 691	4 118	8 220	14 161	27 784	916	5 925	25 504
	NEW ENGLAND	111	25	1 847	6 449	1 627	3 418	5 282	10 132	370	2 483	9 349
	MAINE	20	2	218	686	204	462	628	1 051	80	304	960
	NEW HAMPSHIRE	21	8	484	1 690	439	929	1 495	2 398	137	713	2 425
	VERMONT	7	3	214	723	202	420	667	795	9	26	87
	MASSACHUSETTS	45	8	649	2 315	557	1 138	1 801	3 779	57	1 014	3 864
	CONNECTICUT	13	4	240	877	193	407	597	1 859	55	(D)	(D)
	MIDDLE ATLANTIC	162	39	2 836	11 242	2 491	4 802	8 879	17 652	546	3 442	16 155
	NEW YORK	77	16	1 187	4 524	1 050	2 030	3 726	7 703	293	1 323	6 014
	NEW JERSEY	44	11	960	3 920	853	1 625	3 051	5 721	114	1 251	5 908
	PENNSYLVANIA	41	12	689	2 798	588	1 147	2 102	4 228	139	868	4 233
	NORTH CENTRAL	252	77	5 006	18 843	4 411	8 942	15 183	30 773	1 231	7 286	36 284
	EAST NORTH CENTRAL	195	58	3 782	14 372	3 337	6 859	11 682	22 622	1 023	5 856	28 742
	OHIO	53	18	939	3 619	813	1 618	2 855	5 846	179	1 552	7 771
	INDIANA	20	4	384	1 188	346	668	981	1 914	75	616	3 218
	ILLINOIS	41	15	1 008	4 117	896	1 779	3 342	6 339	382	1 603	8 321
	MICHIGAN	42	7	412	1 406	359	695	1 122	2 932	95	785	3 703
	WISCONSIN	39	14	1 039	4 042	923	2 099	3 382	5 591	292	1 300	5 729
	WEST NORTH CENTRAL	57	19	1 224	4 471	1 074	2 083	3 501	8 151	208	1 430	7 542
	MINNESOTA	17	5	252	1 043	226	449	888	1 752	28	407	2 610
	IOWA	7	3	162	578	140	168	375	1 058	76	210	1 318
	MISSOURI	24	9	710	2 492	618	1 284	1 930	4 574	95	689	3 011
	SOUTH	271	135	17 122	54 798	15 747	30 857	45 630	86 831	2 783	20 261	83 126
	SOUTH ATLANTIC	158	77	9 136	27 556	8 464	16 358	23 259	42 903	1 491	10 510	40 759
	MARYLAND	19	5	776	2 489	701	1 443	2 097	3 436	49	794	3 414
	VIRGINIA	29	14	1 794	5 142	1 679	3 183	4 308	6 691	279	1 914	6 156
	NORTH CAROLINA	26	6	1 106	3 332	1 010	1 981	2 749	5 168	82	1 432	5 619
	SOUTH CAROLINA	15	12	980	2 735	917	1 852	2 436	5 263	152	777	2 858
	GEORGIA	30	20	2 425	7 798	2 280	4 378	6 722	12 509	591	3 155	13 902
	FLORIDA	32	17	1 918	5 678	1 758	3 295	4 665	9 192	292	2 073	7 407
	EAST SOUTH CENTRAL	62	35	4 977	17 581	4 528	8 766	14 244	28 325	736	5 682	25 446
	KENTUCKY	14	8	796	3 919	706	1 248	3 182	5 343	101	1 246	6 740
	TENNESSEE	17	9	1 410	5 082	1 283	2 538	4 080	8 173	229	1 645	7 198
	ALABAMA	21	8	719	2 190	662	1 345	1 791	3 609	183	697	2 708
	MISSISSIPPI	10	10	2 052	6 390	1 877	3 635	5 191	11 200	223	2 094	8 800
	WEST SOUTH CENTRAL	51	23	3 009	9 661	2 755	5 733	8 127	15 603	556	4 069	16 921
	ARKANSAS	16	10	1 340	4 439	1 233	2 606	3 757	7 112	201	1 334	5 765
	LOUISIANA	9	3	806	2 564	729	1 542	2 196	4 316	235	(D)	(D)
	TEXAS	26	10	863	2 658	793	1 585	2 174	4 175	120	1 740	6 920
	WEST	190	44	4 134	20 472	3 672	7 314	17 113	28 844	3 603	4 836	31 668
	MOUNTAIN	20	5	305	1 185	262	553	939	1 976	117	278	938
	PACIFIC	170	39	3 829	19 287	3 410	6 761	16 174	26 868	3 486	4 558	30 730
	OREGON	21	6	432	1 631	402	773	1 437	2 289	183	738	3 940
	CALIFORNIA	126	29	2 895	15 467	2 545	5 119	12 866	21 257	3 242	3 171	22 053
249	MISCELLANEOUS WOOD PRODUCTS, TOTAL	3 234	859	69 159	282 699	59 462	118 911	219 052	513 548	38 488	61 427	373 818
	NORTHEAST	1 004	247	18 670	74 102	16 222	32 298	58 212	120 668	7 816	19 031	112 214
	NEW ENGLAND	370	119	9 598	36 650	8 444	16 877	29 418	55 670	3 343	9 524	48 251
	MAINE	101	43	4 297	14 396	3 959	7 929	12 469	18 956	1 454	4 525	18 015
	NEW HAMPSHIRE	43	16	966	3 529	851	1 761	2 844	5 320	331	1 166	5 941
	VERMONT	44	13	761	2 636	676	1 345	2 243	4 008	292	767	3 827
	MASSACHUSETTS	126	36	2 851	13 294	2 328	4 620	9 629	21 315	1 087	2 613	17 223
	RHODE ISLAND	24	3	227	697	206	392	591	1 205	35	(D)	(D)
	CONNECTICUT	32	8	496	2 098	424	830	1 642	4 866	144	359	2 339
	MIDDLE ATLANTIC	634	128	9 072	37 452	7 778	15 421	28 794	64 998	4 473	9 507	63 963
	NEW YORK	382	71	5 376	22 650	4 608	9 096	17 198	39 934	3 325	5 760	33 994
	NEW JERSEY	81	21	1 411	6 393	1 200	2 435	4 858	11 653	519	1 521	18 249
	PENNSYLVANIA	171	36	2 285	8 409	1 970	3 890	6 738	13 411	629	2 226	11 720
	NORTH CENTRAL	849	223	16 937	71 467	14 346	28 436	53 168	127 320	7 717	13 973	88 659
	EAST NORTH CENTRAL	660	173	13 446	57 866	11 324	22 461	42 879	102 792	6 830	10 741	68 575
	OHIO	147	30	1 935	7 896	1 643	3 318	6 144	13 718	869	1 707	11 225
	INDIANA	89	27	1 819	7 175	1 566	3 139	5 499	13 043	983	1 456	9 346
	ILLINOIS	135	43	4 107	19 997	3 308	6 635	13 720	32 899	1 222	3 635	25 653
	MICHIGAN	196	46	3 747	16 078	3 189	6 092	12 186	31 129	3 151	2 694	15 332
	WISCONSIN	93	27	1 838	6 720	1 618	3 277	5 330	12 003	605	1 249	7 019

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
249	MISCELLANEOUS WOOD PRODUCTS-CONT.											
	WEST NORTH CENTRAL	189	50	3 491	13 601	3 022	5 975	10 289	24 528	887	3 232	20 084
	MINNESOTA	52	13	1 085	5 078	921	1 840	3 798	10 064	449	720	6 779
	IOWA	19	4	254	974	206	373	660	1 581	34	234	1 382
	MISSOURI	94	28	1 622	5 328	1 430	2 771	4 156	9 333	279	1 880	10 163
	SOUTH DAKOTA	7	2	105	318	92	175	257	830	11	(D)	(D)
	SOUTH	823	266	23 969	90 659	20 854	42 964	72 213	175 162	15 519	19 997	110 787
	SOUTH ATLANTIC	390	104	8 735	31 203	7 514	15 175	24 142	58 587	4 529	6 746	35 046
	MARYLAND	29	7	598	2 376	544	1 083	1 902	3 757	184	706	4 431
	VIRGINIA	57	24	1 666	5 753	1 475	3 139	4 479	12 522	853	1 176	6 062
	SOUTH CAROLINA	29	7	981	3 646	841	1 690	2 983	6 280	1 223	789	3 226
	GEORGIA	65	19	1 620	5 680	1 374	2 740	4 240	10 789	563	1 326	7 259
	FLORIDA	79	15	1 154	4 163	992	1 942	3 190	8 130	970	1 000	6 354
	EAST SOUTH CENTRAL	200	84	9 502	40 523	8 273	17 447	32 823	79 680	8 592	8 544	52 918
	KENTUCKY	48	16	778	2 305	697	1 353	1 921	4 338	266	707	5 731
	TENNESSEE	64	31	2 199	6 834	1 957	3 793	5 468	10 752	536	1 911	7 130
	ALABAMA	41	11	887	2 989	763	1 603	2 298	5 942	334	923	4 082
	MISSISSIPPI	47	26	5 638	28 395	4 856	10 698	23 136	58 648	7 456	5 003	35 975
	WEST SOUTH CENTRAL	233	78	5 732	18 933	5 067	10 342	15 248	36 895	2 398	4 707	22 823
	ARKANSAS	59	25	1 910	6 319	1 737	3 563	5 339	11 272	618	1 723	7 225
	LOUISIANA	44	17	1 258	4 316	1 074	2 206	3 270	7 411	531	(D)	(D)
	OKLAHOMA	24	6	349	1 052	305	591	871	3 191	98	(D)	(D)
	TEXAS	106	30	2 215	7 246	1 951	3 982	5 768	15 021	1 151	1 758	10 192
	WEST	556	123	9 576	46 396	8 034	15 201	35 401	90 304	7 429	7 275	54 757
	MOUNTAIN	55	10	764	3 200	656	1 306	2 523	4 986	172	751	4 204
	PACIFIC	501	113	8 812	43 196	7 378	13 895	32 878	85 318	7 257	6 524	50 553
	OREGON	98	31	2 101	10 888	1 743	3 295	8 258	25 046	3 155	1 110	9 189
	CALIFORNIA	321	64	5 554	26 600	4 683	8 839	20 334	51 283	3 555	4 431	32 666

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
¹This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3. Detailed Statistics: 1963

Item	Lumber and wood products (SIC 24)	Logging camps and contractors (SIC 241)	Sawmills and planing mills (SIC 242)	Millwork and related products (SIC 243)	Wooden containers (SIC 244)	Miscellaneous wood products (SIC 249)
ESTABLISHMENTS, TOTAL NUMBER . .	36 150	13 588	13 372	4 970	986	3 234
WITH 1 TO 19 EMPLOYEES. DO. .	30 385	13 031	10 797	3 516	666	2 375
WITH 20 TO 99 EMPLOYEES DO. .	4 785	518	2 175	1 102	239	751
WITH 100 EMPLOYEES OR MORE. DO. .	980	39	400	352	81	108
PROPRIETORS AND WORKING PARTNERS. DO. .	32 567	14 413	12 498	2 976	634	2 046
ALL EMPLOYEES (AVERAGE FOR THE YEAR). DO. .	563 135	73 130	242 657	147 244	30 945	69 159
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000. .	2 338 733	281 845	935 743	726 642	111 804	282 699
PRODUCTION WORKERS:						
AVERAGE FOR THE YEAR. NUMBER . .	497 409	65 790	218 640	125 569	27 948	59 462
MARCH DO. .	471 818	59 129	209 172	118 856	26 790	57 871
MAY DO. .	499 059	65 539	220 310	125 682	28 197	59 331
AUGUST. DO. .	521 728	75 005	227 410	130 056	29 003	60 254
NOVEMBER. DO. .	507 036	70 458	220 555	127 701	27 815	60 507
MAN-HOURS 1,000. .	978 665	122 505	428 316	253 600	55 333	118 911
JANUARY-MARCH DO. .	224 830	23 634	100 053	59 610	12 915	28 618
APRIL-JUNE. DO. .	246 184	28 446	108 732	64 583	14 495	29 928
JULY-SEPTEMBER. DO. .	257 850	37 294	111 810	64 551	14 378	29 817
OCTOBER-DECEMBER. DO. .	249 871	33 131	107 721	64 856	13 615	30 548
WAGES \$1,000. .	1 943 287	254 122	805 829	572 197	92 087	219 052
COST OF MATERIALS, ETC., TOTAL ¹ DO. .	5 187 039	630 182	2 021 281	1 787 294	227 647	520 635
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO. .	4 296 299	396 190	1 648 154	1 586 895	195 348	469 712
COST OF REALES DO. .	339 669	44 277	108 129	137 726	25 018	24 519
FUELS CONSUMED. DO. .	115 473	33 051	57 860	11 132	1 310	12 120
ELECTRIC ENERGY:						
PURCHASED:						
QUANTITY. MILLION KW.-HRS. .	4 875	59	2 520	1 364	174	758
COST. \$1,000. .	67 606	916	34 718	18 357	3 098	10 517
GENERATED LESS SOLD MILLION KW.-HRS. .	2 023	3	827	474	160	559
CONTRACT WORK \$1,000. .	367 991	155 748	172 420	33 183	2 873	3 767
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO. .	9 200 039	1 154 693	3 597 604	3 013 552	401 529	1 032 661
VALUE OF REALES. DO. .	421 192	48 208	138 209	175 062	29 433	30 280
VALUE ADDED BY MANUFACTURE, ADJUSTED. DO. .	4 020 600	520 457	1 572 518	1 239 845	174 232	513 548
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL. DO. .	1 335 911	105 882	637 919	367 486	61 609	163 015
FINISHED PRODUCTS DO. .	588 752	67 869	333 782	101 644	16 142	69 315
WORK-IN-PROCESS DO. .	288 535	17 185	159 466	75 961	10 589	25 334
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	458 624	20 828	144 671	189 881	34 878	68 366
END OF YEAR, TOTAL. DO. .	1 352 730	99 626	641 680	387 638	60 733	163 053
FINISHED PRODUCTS DO. .	587 903	67 344	327 230	107 416	16 879	69 034
WORK-IN-PROCESS DO. .	296 984	13 656	162 213	83 776	10 202	27 137
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	467 843	18 626	152 237	196 446	33 652	66 882
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO. .	428 402	103 297	193 804	80 458	9 837	41 006
NEW, TOTAL. DO. .	394 729	95 602	181 545	70 563	8 531	38 488
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	129 710	14 899	83 244	18 563	3 296	9 708
NEW MACHINERY AND EQUIPMENT DO. .	265 019	80 703	98 301	52 000	5 235	28 780
USED PLANT AND EQUIPMENT. DO. .	33 679	7 701	12 259	9 895	1 306	2 518
SELECTED OPERATING RATIOS:						
PAYROLL/TOTAL EMPLOYMENT.	4 153	3 854	3 856	4 935	3 613	4 088
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.88	.90	.90	.85	.90	.86
MAN-HOURS/PRODUCTION WORKERS.	1 968	1 862	1 959	2 020	1 980	2 000
PRODUCTION WORKER WAGES/MAN-HOURS	1.99	2.07	1.88	2.26	1.66	1.84
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.82	.79	.82	.83	.85	.78
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS. . . . .	.56	.55	.56	.59	.57	.50
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	7 140	7 117	6 480	8 420	5 630	7 426
SALARIES AND WAGES/ADJUSTED VALUE ADDED . . . . .	.58	.54	.60	.59	.64	.55

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

LOGGING CAMPS, SAWMILLS, AND PLANING MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2411—Logging Camps and Logging Contractors
- 2421—Sawmills and Planing Mills, General
- 2426—Hardwood Dimension and Flooring Mills
- 2429—Special Product Sawmills, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2411—LOGGING CAMPS AND LOGGING CONTRACTORS

This industry comprises establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulp mills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in group 242, veneer and plywood mills in group 243, pulp mills in Major Group 26, and charcoal and wood distillation plants in group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in nonmanufacturing industries. For a detailed list of products of industry 2411, refer to table 6A, product codes 2411011 to 2411911.

The code number as well as the definition of this industry was unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

In the 1963 census, report forms were mailed to all establishments identified as loggers on Social Security Administration records. Since this canvass included all establishments identified as loggers employing one or more workers and for whom a separate Social Security account was maintained, the only logging operations excluded were those conducted by farmers and other owner-operators. In 1963 as in 1958, logging operations carried on by sawmills and other primary converters as an integral part of their manufacturing activity were reported as part of the converting establishment.

Value of shipments and other receipts of Logging Camps and Contractors totaled \$1,155 million. This amount included shipments of logging products (primary products) valued at \$1,077 million, shipments of other products (secondary products) valued at \$16 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$62 million.

This industry's shipments of logging products represented 99 percent of its total product shipments. The industry specialization ratio in 1958 was 98 percent. Secondary products shipped by this industry in 1963 consisted mainly of rough lumber (\$7 million).

Shipments of logging products by this industry represented 90 percent of all shipments of these products (\$1,186 million) by all industries. In 1958 the coverage ratio was 92 percent. Other industries shipping logging products consisted mainly of industry 2421, Sawmills and Planing Mills, \$84 million; and industry 2432, Veneer and Plywood Plants, \$13 million.

2421—SAWMILLS AND PLANING MILLS, GENERAL

This industry comprises establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and flitches into lumber; including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing railroad ties, and in producing tobacco hogshead stock and snow fence lath. Establishments primarily engaged in manufacturing box shooks or boxes are classified in group 244; and sash, doors, wood molding, window and door frames, and other fabricated millwork in industry 2431; and hardwood dimension and flooring in industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry. For a detailed list of products of industry 2421, refer to table 6A, product codes 2421111 to 2421951.

Special enumerating and reporting techniques were used for the lumber industry in 1963 as in 1958, to provide as complete coverage as possible. With Social Security Administration records forming the basis for the mailing list, report forms were mailed to all sawmills which had a Social Security account. Because there are thousands of portable mills in Eastern and Southern States with no fixed address, a field canvass of sample area segments was made in these States to supplement the mail canvass. This area segment sample provided an estimate of lumber production for these small operators as well as for establishments classified in industries in which specific provision was not made on the census form for reporting such data. Consequently, it is believed that the data presented for 1963 provide complete coverage of lumber production, and the 1963 production data can be considered to be comparable with 1958.

The general statistics in tables 1 through 4 cannot be related directly to the lumber production information shown in table 6E, since the latter table contains the production of all sawmills, (including those for which production estimates were provided from the area sample) while the general statistics do not include data for the group estimated from the area sample.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of Sawmills and Planing Mills totaled \$3,156 million. This amount included shipments of sawmill and planing mill products (primary products) valued at \$2,681 million, shipments of other products (secondary products) valued at \$329 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$146 million.

This industry's shipments of sawmill and planing mill products represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry in 1963 consisted mainly of logs, bolts, and pulpwood (\$84 million), hardwood dimension and flooring (\$30 million), millwork products (\$30 million), plywood and veneer (\$55 million), box shooks (\$11 million), treated wood products (\$6 million), and fabricated structural framing and wood laminates (\$5 million).

Shipments of sawmill and planing mill products by this industry represented 95 percent of all shipments of these products (\$2,795 million) by all industries. In 1958 the coverage ratio was 97 percent. Other industries shipping sawmill and planing mill products consisted mainly of industry 2411, Logging Camps and Contractors, between \$10 million and \$20 million; industry 2426, Hardwood Dimension and Flooring, \$18 million; and industry 2432, Veneer and Plywood Plants, \$44 million.

The production index for the primary products of the industry increased to 95 in 1963 from the 1958 level of 92. The unit value index for 1963 was 104 compared to 101 in 1958. Both indexes were computed on a basis of 1954 = 100.

2426—HARDWOOD DIMENSION AND FLOORING MILLS

This industry comprises establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; and other hardwood dimension, semifabricated or ready for assembly; and hardwood flooring. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in industry 2431, and those manufacturing textile machinery bobbins, picker sticks, and shuttles in industry 3552. For a detailed list of products of industry 2426, refer to table 6A, product codes 2426111 to 2426289.

Value of shipments and other receipts of the Hardwood Dimension and Flooring Industry totaled \$345 million. This amount included shipments of hardwood dimension and flooring (primary products) valued at \$287 million, shipments of other products (secondary products) valued at \$45 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$13 million.

This industry's shipments of hardwood dimension and flooring represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 84 percent. Secondary products shipped by this industry in 1963 consisted mainly of dressed lumber (\$9 million), and rough lumber and sawed ties (\$9 million).

Shipments of hardwood dimension and flooring by this industry represented 86 percent of all shipments of these products (\$334 million) by all industries. In 1958 the coverage ratio was 82 percent. Other industries shipping hardwood dimension and flooring consisted mainly of industry 2421, Sawmills and Planing Mills, \$30 million; and industry 2499, Wood Products, N.E.C., \$8 million.

The production index for the primary products of the industry increased to 119 in 1963 from the 1958 level of 91. The unit value index for 1963 was 107 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2429—SPECIAL PRODUCT SAWMILLS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock, and in sawing special products, n.e.c. For a detailed list of products of industry 2429, refer to table 6A, product codes 2429001 to 2429089.

Value of shipments and other receipts of the Special Product Sawmills, N.E.C., Industry totaled \$96 million. This amount included shipments of special sawmill products, n.e.c. (primary products) valued at \$88 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$6 million.

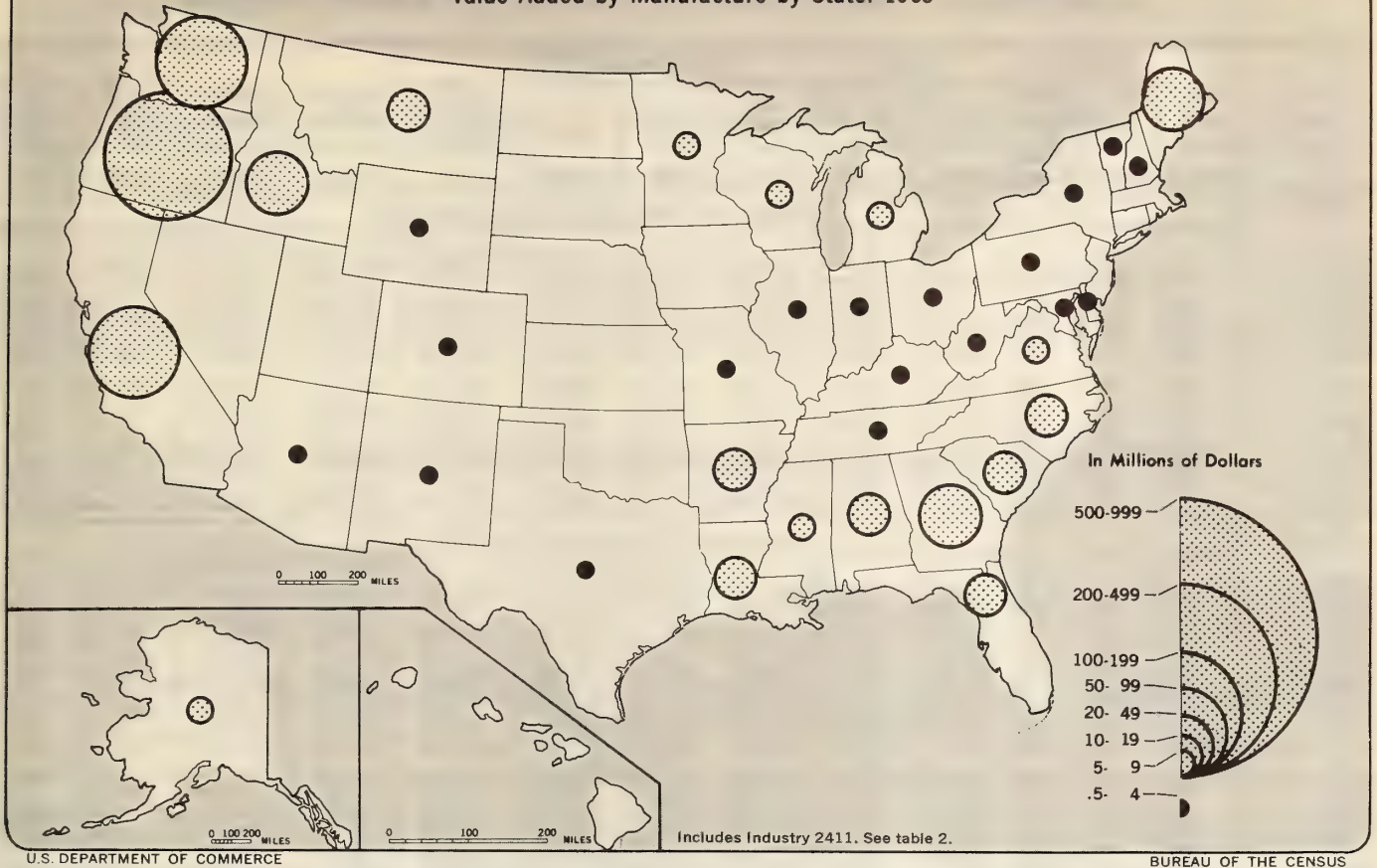
This industry's shipments of special sawmill products, n.e.c., represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent.

Shipments of special sawmill products, n.e.c., by this industry represented 49 percent of all shipments of these products (\$177 million) by all industries. In 1958 the coverage ratio was 60 percent. Other industries shipping special sawmill products, n.e.c., consisted mainly of industry 2421, Sawmills and Planing Mills, \$77 million; and industry 2432, Veneer and Plywood Plants, \$8 million. The coverage ratio shown for this industry is unusually low because of the large amount of wood chips manufactured by establishments classified in industry 2421, Sawmills and Planing Mills.

The production index for the primary products of the industry increased to 182 in 1963 from the 1958 level of 127. The unit value index for 1963 was 106 compared to 112 in 1958. Both indexes were computed on a basis of 1954 = 100.

LOGGING CAMPS AND CONTRACTORS: SIC 241

Value Added by Manufacture by State: 1963



SAWMILLS AND PLANING MILLS: SIC 242

Value Added by Manufacture by State: 1963

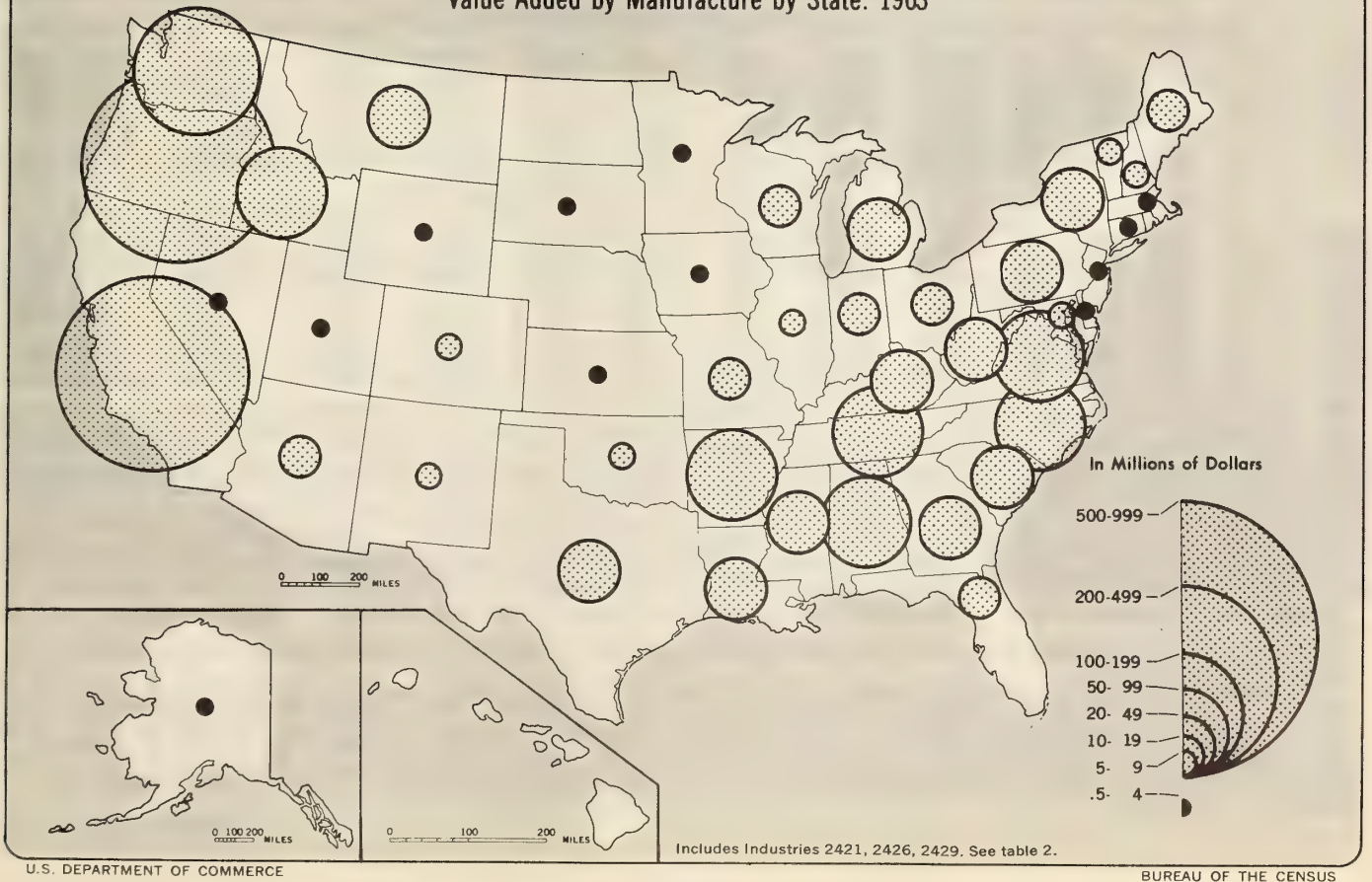


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ialization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2411.—LOGGING CAMPS AND CONTRACTORS ¹														
1963.....	13,522	13,588	557	73,130	281,845	65,790	122,505	254,122	520,457	630,182	1,154,693	95,602	99	90
1962 ²	(NA)	(NA)	(NA)	69,259	249,359	63,354	117,602	222,743	462,959	529,669	992,631	59,100	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	71,414	247,165	64,718	119,249	218,923	448,956	525,796	979,235	59,572	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	73,107	247,560	66,936	120,162	220,779	439,257	537,670	978,571	80,159	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	75,828	250,461	68,999	123,988	225,267	442,047	523,508	982,748	71,354	(NA)	(NA)
1958.....	12,627	12,828	557	71,738	227,963	62,575	108,864	195,794	390,380	475,610	868,279	68,357	98	92
1957 ²	(NA)	(NA)	(NA)	79,224	235,747	71,370	112,734	200,362	429,822	397,444	833,336	36,905	99	86
1956 ²	(NA)	(NA)	(NA)	90,062	278,136	82,607	138,507	244,806	512,753	451,961	943,630	66,857	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	84,789	262,058	77,295	135,314	232,438	466,428	435,747	903,950	(S)	(NA)	(NA)
1954.....	12,789	12,865	549	75,510	210,625	68,171	115,575	182,295	392,766	380,236	774,309	48,632	98	89
1953 ²	(NA)	(NA)	(NA)	80,930	232,706	75,992	124,822	218,083	452,670	305,491	758,161	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	73,863	207,915	70,953	115,444	195,088	384,063	292,125	676,188	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	78,797	211,624	75,185	121,944	197,423	366,145	259,382	625,527	(NA)	(NA)	(NA)
INDUSTRY 2421.—SAWMILLS AND PLANING MILLS ^{1 3}														
1963 ⁴	11,931	12,189	2,151	207,365	811,638	186,616	364,250	701,691	1,376,080	1,779,308	3,156,345	172,471	89	95
1962 ²	(NA)	(NA)	(NA)	209,784	775,763	193,146	378,135	667,379	1,329,196	1,692,622	2,953,521	128,993	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	214,273	762,301	196,586	380,741	652,956	1,231,451	1,643,307	2,830,506	107,339	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	240,578	831,209	220,376	432,478	714,776	1,327,760	1,801,174	3,052,456	156,477	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	252,221	855,434	231,863	442,144	737,930	1,505,700	1,928,726	3,371,384	129,751	(NA)	(NA)
1958(new).....	15,379	15,637	2,487	245,907	770,912	215,901	407,393	656,159	1,195,775	1,711,714	2,917,314	129,403	92	97
1958(old).....	(NA)	16,047	2,710	268,716	840,112	236,379	449,511	712,621	1,293,836	1,859,627	3,161,224	136,702	96	97
1957 ²	(NA)	(NA)	(NA)	310,260	964,572	286,429	531,997	817,590	1,418,641	1,989,701	3,355,655	110,145	92	85
1956 ²	(NA)	(NA)	(NA)	341,794	1,055,692	316,487	592,654	903,214	1,785,136	2,132,966	3,831,499	164,327	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	340,682	1,005,907	315,144	598,944	860,199	1,744,379	2,092,246	3,798,581	165,277	(NA)	(NA)
1954.....	(S)	19,778	3,180	321,199	906,847	296,070	558,428	781,760	1,517,750	1,958,813	3,483,459	115,533	93	88
1953 ^{2 5}	(NA)	(NA)	(NA)	379,275	1,023,193	351,904	645,644	916,938	1,721,947	1,865,552	3,587,499	(NA)	(NA)	(NA)
1952 ^{2 5}	(NA)	(NA)	(NA)	414,911	1,052,686	389,918	687,742	934,240	1,804,908	1,790,548	3,595,486	(NA)	(NA)	(NA)
1951 ^{2 5}	(NA)	(NA)	(NA)	423,999	996,284	398,165	693,268	879,948	1,825,152	1,745,224	3,570,376	(NA)	(NA)	(NA)
1950 ^{2 5}	(NA)	(NA)	(NA)	458,546	962,125	430,962	750,976	860,705	1,829,858	1,691,863	3,521,721	(NA)	(NA)	(NA)
1949 ^{2 5}	(NA)	(NA)	(NA)	378,437	761,012	356,552	621,393	677,082	1,276,177	1,203,712	2,479,889	(NA)	(NA)	(NA)
1947.....	(NA)	19,049	(NA)	383,449	752,522	366,551	755,568	689,266	1,487,969	1,031,484	2,519,455	(NA)	(NA)	(NA)
1939.....	(NA)	7,320	(NA)	(NA)	(NA)	248,274	(NA)	201,902	395,691	301,646	697,337	(NA)	(NA)	(NA)
INDUSTRY 2426.—HARDWOOD DIMENSION AND FLOORING														
1963 ⁶	601	642	317	28,128	98,882	25,433	52,944	81,735	155,083	189,404	345,227	7,106	86	86
1962 ²	(NA)	(NA)	(NA)	26,203	85,208	22,526	46,874	68,717	131,116	175,399	305,173	5,316	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	25,433	77,662	21,650	43,778	61,514	124,879	154,245	280,259	4,998	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	27,692	83,983	24,114	49,719	68,177	133,568	174,729	307,499	6,004	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	28,592	86,655	24,822	52,380	70,745	144,804	186,194	326,109	9,089	(NA)	(NA)
1958.....	415	436	263	25,140	75,177	22,479	45,346	60,779	110,354	151,993	260,645	7,645	84	82
INDUSTRY 2429.—SPECIAL PRODUCT SAWMILLS, N.E.C.														
1963.....	476	541	107	7,164	25,223	6,591	11,122	22,403	41,355	52,569	96,032	1,968	98	49
1962 ⁷	(NA)	(NA)	(NA)	(7,006)	(22,836)	(6,595)	(11,862)	(21,214)	(25,870)	(34,734)	(68,553)	(3,926)	(NA)	(NA)
1961 ⁷	(NA)	(NA)	(NA)	(7,015)	(20,557)	(6,586)	(11,360)	(18,976)	(26,584)	(33,672)	(70,282)	(2,505)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
1958.....	418	478	105	7,176	22,097	6,465	10,678	18,804	36,123	56,159	89,381	1,682	93	60
1954.....	(NA)	448	108	7,324	20,038	6,817	11,261	17,310	(NA)	41,163	74,852	1,448	(NA)	(NA)
1947.....	(NA)	490	(NA)	15,898	30,153	15,270	(NA)	27,624	47,151	41,743	88,894	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹ Establishments classified in industry 2411, Logging Camps and Contractors, and industry 2421, Sawmills and Planing Mills, with fewer than 10 employees, filed "short" forms in the 1963 Census of Manufactures. These mills were not requested to report number of production workers, production worker wages or production worker man-hours. In addition, some of the larger establishments did not report the requested detail. Since these establishments contribute significantly to the totals in these industries, figures for these items were estimated based on information reported for 1963 by medium-sized establishments. Thus, the totals shown in this report for production workers, their wages and man-hours for these industries include estimation, in the following percentages: 2411 - Logging Camps and Contractors - 50 percent, 2421 - Sawmills and Planing Mills - 20 percent.

Footnotes continued on next page

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Footnotes for Table 1--24A--Continued

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification (SIC). Figures for 1957 and earlier years are on the old SIC definition of the industry. The details of these revisions are described in Volume II, Industry Statistics, 1958 Census of Manufactures.

⁴Data for Alaska and Hawaii included for 1963 only.

⁵Data for shingle mills included with industry 2421 for 1949-1953.

⁶Data for 1963 are not directly comparable with totals shown for previous years. The totals for 1958 through 1962 do not include an undetermined amount for small establishments incorrectly classified in industry 2421, Sawmills and Planing Mills.

⁷The figures shown in parentheses are not consistent with other census series and related data. Thus, at the individual industry level these estimates may be of limited reliability. However, they may be combined with other industries into broader aggregates which are of acceptable reliability.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2411.—LOGGING CAMPS AND CONTRACTORS													
Total.....	13,588	557	73,130	281,845	65,790	122,505	254,122	520,457	630,182	1,154,693	95,602	71,738	390,380
New England.....	1,188	40	5,193	20,530	4,667	9,747	18,263	29,285	47,789	78,654	4,753	6,079	23,798
Maine.....	886	32	4,120	16,604	3,726	7,902	14,985	23,709	35,458	60,496	3,523	4,747	16,217
New Hampshire....	157	7	737	2,705	630	1,267	2,160	3,391	9,996	13,606	703	802	4,278
Vermont.....	112	1	282	1,031	262	487	943	1,732	1,930	3,687	435	337	1,428
Middle Atlantic...	461	4	1,404	4,379	1,277	2,341	4,091	9,142	8,356	17,945	1,865	1,453	7,608
New York.....	168	3	573	2,098	520	952	1,970	4,791	3,528	8,380	824	692	4,149
Pennsylvania....	267	1	760	2,029	688	1,284	1,876	4,053	4,320	8,743	933	710	3,117
East North Central	1,011	13	3,393	8,887	3,045	5,597	8,118	16,401	16,395	33,116	3,345	3,002	11,015
Ohio.....	75	-	165	433	154	259	404	935	1,012	1,956	197	116	420
Illinois.....	39	-	134	415	119	217	369	804	850	1,667	180	(²)	(²)
Michigan.....	531	8	1,726	4,398	1,564	2,927	4,046	7,908	6,888	14,867	1,661	1,673	6,212
Wisconsin.....	329	5	1,269	3,378	1,119	2,025	3,061	6,205	7,219	13,644	1,194	1,078	3,860
West North Central	455	12	1,996	5,365	1,804	3,329	4,823	8,634	10,828	19,522	1,736	1,969	8,055
Minnesota.....	349	10	1,622	4,313	1,451	2,658	3,824	6,432	8,434	14,901	1,318	1,714	7,368
Missouri.....	61	1	205	521	197	370	510	1,388	874	2,278	231	147	217
South Atlantic....	3,801	73	17,122	39,552	15,338	28,385	35,896	74,079	76,411	150,477	15,939	17,684	53,043
Delaware.....	20	1	116	340	108	185	297	788	680	1,510	88	165	685
Maryland.....	78	1	227	622	212	383	580	1,376	1,219	2,617	258	296	1,121
Virginia.....	432	20	2,024	4,569	1,808	3,358	4,171	9,018	7,826	16,984	1,764	1,776	5,792
West Virginia....	208	1	706	1,583	639	1,168	1,441	4,239	2,758	5,828	1,395	801	2,097
North Carolina..	734	8	3,153	6,492	2,807	5,134	5,895	13,261	12,025	25,542	2,816	3,571	9,325
South Carolina..	621	12	2,802	5,845	2,527	4,697	5,373	10,221	9,909	20,274	2,184	3,302	8,216
Georgia.....	1,168	16	5,219	11,420	4,654	8,616	10,410	20,300	24,495	45,083	4,691	4,900	15,418
Florida.....	540	14	2,875	8,681	2,583	4,844	7,729	14,876	17,499	32,639	2,743	2,873	10,389
East South Central	1,454	25	5,982	12,241	5,315	9,873	11,101	24,110	26,005	50,506	5,064	6,769	17,318
Kentucky.....	97	1	358	728	313	583	650	1,335	1,333	2,684	307	374	1,070
Tennessee.....	181	-	577	973	513	952	878	1,832	2,129	3,987	371	475	1,276
Alabama.....	806	15	3,448	6,997	3,069	5,703	6,359	14,140	13,758	28,171	2,868	4,060	9,839
Mississippi.....	370	9	1,599	3,543	1,420	2,635	3,214	6,803	8,785	15,664	1,518	1,860	5,133
West South Central	1,298	48	5,859	14,533	5,288	9,986	13,174	29,937	35,807	66,031	5,883	5,822	20,299
Arkansas.....	531	29	2,756	6,895	2,514	4,780	6,258	13,975	16,530	30,581	2,617	2,335	6,798
Louisiana.....	470	15	2,161	5,226	1,905	3,603	4,627	10,989	13,969	25,115	2,214	2,252	9,500
Texas.....	284	4	922	2,352	849	1,566	2,229	4,845	5,175	10,073	1,021	1,162	3,734

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2411.—LOGGING CAMPS AND CONTRACTORS—Continued													
Mountain.....	686	51	4,902	24,378	4,448	8,579	22,090	44,487	53,283	96,994	7,905	4,082	26,884
Montana.....	230	21	1,565	7,598	1,431	2,772	6,934	16,215	20,567	36,820	2,968	1,000	6,413
Idaho.....	276	23	2,374	13,114	2,137	4,076	11,783	21,612	26,873	47,627	3,564	2,424	16,916
Wyoming.....	38	1	135	536	123	239	507	997	783	1,793	240	(²)	(²)
Colorado.....	49	1	264	788	238	517	717	1,590	1,257	2,858	282	178	800
New Mexico.....	34	3	263	944	249	463	899	1,712	1,134	2,851	271	(²)	(²)
Arizona.....	41	2	232	1,080	210	396	967	1,746	2,190	3,948	440	136	907
Pacific.....	3,234	291	27,279	151,980	24,608	44,668	136,566	284,382	355,308	641,448	49,112	24,878	222,360
Washington.....	1,030	75	9,111	48,819	8,258	14,721	43,388	80,473	110,398	192,146	15,391	7,867	63,546
Oregon.....	1,439	147	12,261	67,646	11,075	20,285	60,971	136,707	161,924	298,675	22,234	11,278	103,326
California.....	703	59	5,175	30,456	4,611	8,563	27,628	59,864	76,769	137,018	10,465	5,500	52,526
Alaska.....	62	10	732	5,059	664	1,099	4,579	7,338	6,217	13,609	1,022	(²)	(²)
INDUSTRY 2421.—SAWMILLS AND PLANING MILLS													
Total.....	12,189	2,151	207,365	811,638	186,616	364,250	701,691	1,376,080	1,779,308	3,156,345	172,471	(³)	(³)
New England.....	640	52	4,693	15,650	4,191	8,223	13,369	24,384	35,351	60,568	3,958	5,779	35,372
Maine.....	254	26	2,060	6,463	1,875	3,652	5,785	9,279	14,524	24,803	1,892	2,449	19,423
New Hampshire....	113	10	840	2,945	745	1,534	2,378	4,952	7,694	12,390	689	1,160	4,989
Vermont.....	135	13	1,095	3,555	974	1,879	2,971	5,351	6,893	12,692	808	1,367	6,721
Massachusetts....	94	2	554	2,245	467	927	1,833	3,998	5,487	9,131	444	680	3,611
Connecticut.....	39	1	120	381	108	192	348	697	656	1,350	97	(²)	(²)
Middle Atlantic....	1,081	64	6,928	23,870	5,985	11,820	19,924	40,195	49,382	90,910	5,776	7,988	37,811
New York.....	289	29	2,469	9,889	2,140	4,387	8,039	14,631	22,405	38,589	2,130	3,108	17,834
New Jersey.....	41	3	343	1,451	288	544	1,164	2,790	3,325	5,969	295	(²)	(²)
Pennsylvania.....	751	32	4,116	12,530	3,557	6,889	10,721	22,774	23,652	46,352	3,351	(²)	(²)
East North Central.	1,243	97	8,523	27,509	7,494	14,363	23,399	46,264	53,445	99,643	6,227	9,518	44,561
Ohio.....	350	18	1,718	5,540	1,517	3,041	4,857	10,610	10,610	21,260	1,617	1,863	9,911
Indiana.....	230	13	1,372	4,300	1,186	2,262	3,617	7,139	8,091	15,234	1,176	1,647	6,066
Illinois.....	139	10	891	2,556	790	1,405	2,215	4,459	4,998	9,478	639	1,046	4,369
Michigan.....	283	36	2,516	8,857	2,204	4,258	7,447	14,319	18,559	32,330	1,692	2,479	12,030
Wisconsin.....	241	20	2,026	6,256	1,797	3,397	5,263	9,737	11,187	21,341	1,103	2,483	12,185
West North Central.	590	39	3,486	10,313	3,097	5,841	8,806	18,700	21,451	39,407	2,666	4,032	16,051
Minnesota.....	153	10	809	2,326	724	1,283	2,055	4,451	4,477	8,853	689	(²)	(²)
Iowa.....	80	3	343	1,122	291	544	941	1,932	2,688	4,513	272	367	1,702
Missouri.....	301	21	1,785	4,652	1,591	2,951	3,908	8,145	11,305	19,143	1,167	1,812	6,564
Kansas.....	23	1	152	540	132	253	441	1,511	1,275	2,476	143	(²)	(²)
South Atlantic.....	3,734	574	43,765	113,268	39,234	73,611	97,840	198,481	280,852	478,964	27,697	60,158	179,655
Virginia.....	944	114	8,988	22,081	7,956	14,368	19,083	40,050	55,197	95,363	6,761	11,894	34,808
West Virginia....	367	51	4,160	11,923	3,727	7,159	10,489	18,914	22,390	40,838	2,927	4,690	13,599
North Carolina....	1,140	141	12,049	30,134	10,720	20,239	25,732	51,123	72,963	124,123	6,575	16,474	46,430
South Carolina....	352	76	5,540	14,598	5,003	9,468	12,806	24,525	36,309	60,358	3,494	7,951	22,581
Georgia.....	606	130	8,936	22,414	8,127	15,204	19,503	41,628	65,330	107,027	4,976	12,567	38,442
Florida.....	164	34	2,435	7,551	2,250	4,458	6,436	13,875	17,673	31,879	1,836	4,307	16,528
East South Central.	1,941	339	27,603	71,639	24,673	47,396	61,529	122,760	159,198	282,674	36,212	34,519	100,268
Kentucky.....	408	46	3,771	8,856	3,355	6,183	7,642	16,220	19,308	35,400	2,923	4,034	11,781
Tennessee.....	666	61	5,621	13,084	4,925	9,254	11,072	23,468	28,929	52,335	3,442	6,798	16,645
Alabama.....	523	127	10,815	29,212	9,763	19,150	24,985	50,239	64,500	114,907	6,001	14,352	44,872
Mississippi.....	344	105	7,396	20,487	6,630	12,809	17,830	32,833	46,461	80,032	23,846	9,335	26,970
West South Central.	977	234	26,313	84,279	23,978	50,523	72,377	148,391	159,779	307,642	15,403	29,157	107,825
Arkansas.....	486	93	10,247	32,052	9,399	20,111	27,736	60,166	71,090	131,636	4,878	11,077	39,995
Louisiana.....	217	79	7,789	25,426	7,182	14,989	22,262	40,541	41,724	81,654	5,414	9,378	34,596
Mountain.....	609	169	18,529	90,486	16,841	33,915	78,942	149,311	187,752	335,877	18,481	18,632	114,935
Idaho.....	155	66	7,160	37,124	6,613	13,317	33,283	61,308	83,120	145,210	7,782	7,537	47,837
Wyoming.....	51	8	592	2,532	553	1,084	2,328	4,944	3,733	8,849	521	667	3,531
Arizona.....	24	13	2,010	9,803	1,783	3,684	8,404	16,163	19,029	35,002	1,595	2,073	10,567
Utah.....	32	6	510	1,973	473	929	1,717	3,364	3,883	7,159	(D)	(²)	(²)
Pacific.....	1,374	583	67,525	374,624	61,123	118,558	325,505	627,594	832,098	1,460,660	56,051	76,124	559,297
Washington.....	389	125	17,424	91,663	15,881	29,542	80,282	147,455	188,647	332,055	13,300	18,318	122,094
Oregon.....	520	237	26,412	147,596	23,950	46,198	128,308	245,210	361,901	605,195	23,116	31,727	240,938
California.....	441	219	23,489	133,967	21,114	42,456	115,757	232,490	277,724	517,282	19,297	26,079	196,265

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Type of operation and region ⁴	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
ESTABLISHMENTS SPECIALIZING 50 PERCENT OR MORE IN PRODUCING THE SPECIFIED LUMBER													
ROUGH LUMBER (24211), TOTAL.	4,816	684	54,074	170,626	48,068	92,625	148,258	298,351	376,241	676,491	28,857	83,154	340,616
Starting with stumpage, total..	2,638	376	31,483	101,393	27,828	53,516	87,656	175,094	214,406	391,102	14,733	41,589	176,006
East ⁵	2,370	296	25,496	69,250	22,355	42,773	59,485	120,178	132,379	252,641	11,435	32,990	111,362
New England.....	102	11	851	2,898	737	1,476	2,436	4,350	6,569	10,617	304	8,889	39,170
Maine.....	35	4	320	939	285	573	809	1,526	1,723	3,122	75		
New Hampshire...	19	2	168	532	153	299	494	1,032	1,053	1,862	50		
Vermont.....	17	4	206	766	173	336	636	926	1,768	2,728	55		
Middle Atlantic...	348	23	2,499	8,211	2,133	4,206	6,966	13,681	14,103	29,043	1,341		
Pennsylvania....	279	15	1,781	5,339	1,506	2,924	4,523	10,109	8,811	18,881	872	24,101	72,192
East North Central	340	36	2,871	9,446	2,468	4,682	7,943	15,915	17,789	33,332	1,611		
Ohio.....	118	9	720	2,144	618	1,159	1,842	3,876	3,617	7,569	435		
Indiana.....	67	8	580	2,024	491	976	1,601	3,173	3,511	6,701	454		
Illinois.....	34	1	183	487	158	283	429	859	1,088	1,947	100		
Michigan.....	67	14	946	3,636	819	1,565	3,051	5,970	7,280	12,824	463		
Wisconsin.....	54	4	442	1,155	382	699	1,020	2,037	2,293	4,291	159		
West North Central ⁵	112	7	667	1,696	583	1,110	1,461	3,134	4,001	7,078	298		
Minnesota.....	22	3	174	426	162	304	394	694	694	1,361	90	8,599	64,644
Missouri.....	64	3	325	692	284	534	602	1,263	2,054	3,252	146		
South Atlantic...	830	103	9,050	22,163	7,899	14,952	19,319	40,301	42,870	83,106	4,373		
Maryland.....	52	5	420	1,029	361	617	866	1,951	2,236	4,204	177		
Virginia.....	245	29	2,293	5,200	1,985	3,627	4,545	9,131	10,910	20,042	1,217	24,101	72,192
West Virginia...	111	25	1,868	5,674	1,667	3,307	5,073	9,634	9,138	18,417	1,182		
North Carolina..	239	14	2,143	4,952	1,831	3,545	4,166	9,784	9,704	19,356	713		
South Carolina..	69	14	1,068	2,504	950	1,801	2,207	4,690	4,938	9,795	558		
Georgia.....	89	13	1,017	2,188	885	1,622	1,907	3,919	4,945	9,111	423	8,599	64,644
East South Central	447	73	5,514	12,981	4,853	9,037	11,126	24,645	27,802	52,756	2,188		
Kentucky.....	112	20	1,393	3,347	1,226	2,258	2,841	6,449	6,985	13,454	627		
Tennessee.....	185	24	2,056	4,605	1,778	3,376	3,822	9,072	9,587	18,266	894		
Alabama.....	86	10	1,004	2,155	888	1,585	1,887	3,221	5,258	8,826	324	8,599	64,644
Mississippi.....	64	19	1,061	2,874	961	1,818	2,576	5,903	5,972	12,210	343		
West South Central	191	43	4,044	11,855	3,682	7,310	10,234	18,152	19,245	36,709	1,320		
Arkansas.....	103	12	1,267	3,211	1,132	2,136	2,822	5,382	5,234	10,580	533	8,599	64,644
Louisiana.....	45	22	2,209	7,296	2,033	4,211	6,183	10,577	10,904	21,025	508		
West ⁵	268	80	5,987	32,143	5,473	10,782	28,171	54,916	82,027	138,461	3,298		
Mountain ⁵	123	20	1,522	6,318	1,386	2,556	5,555	11,065	16,625	27,808	609	(NA)	(NA)
Idaho.....	23	9	556	2,774	500	954	2,392	4,690	7,192	11,830	135	(NA)	(NA)
Wyoming.....	10	3	123	452	114	205	419	868	593	1,386	92	(NA)	(NA)
Pacific.....	145	60	4,465	25,825	4,087	8,187	22,616	43,851	65,402	110,653	2,689	(NA)	(NA)
Oregon.....	57	24	2,025	11,750	1,847	3,675	10,034	21,815	33,087	54,881	1,101	(NA)	(NA)
California.....	46	26	1,664	9,788	1,536	3,088	8,819	15,802	20,231	37,459	846	(NA)	(NA)
Starting with purchased logs, total.....	1,088	200	13,865	47,784	12,465	24,308	41,640	85,808	124,918	210,328	6,891	21,411	100,448
East ⁵	911	146	10,626	31,189	9,494	18,541	26,580	52,597	73,184	126,210	5,024	15,967	55,290
New England.....	72	4	410	1,299	372	859	1,127	2,148	3,211	5,758	145	4,297	17,325
Maine.....	23	2	195	568	181	367	514	891	1,523	2,841	48		
Vermont.....	23	1	119	424	106	210	348	719	1,246	1,969	74		
Middle Atlantic...	138	12	1,109	3,973	970	1,979	3,269	7,152	9,505	16,469	782		
New York.....	65	6	596	2,287	508	1,096	1,854	3,899	5,007	8,858	396	4,297	17,325
East North Central	136	19	1,307	4,208	1,152	2,195	3,568	7,237	7,926	15,080	729		
Ohio.....	25	1	140	515	129	252	465	893	1,333	2,227	80		
Indiana.....	22	3	169	588	146	283	494	1,017	1,178	2,175	118		
Michigan.....	38	8	483	1,669	420	838	1,371	3,068	3,220	6,217	208	4,297	17,325
West North Central ⁵	76	8	603	1,995	541	1,043	1,636	3,826	5,086	8,725	529		
Missouri.....	46	6	445	1,546	399	796	1,243	2,877	4,027	6,765	389		

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Type of operation and region ⁴	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	ESTABLISHMENTS SPECIALIZING 50 PERCENT OR MORE IN PRODUCING THE SPECIFIED LUMBER—Continued												
ROUGH LUMBER (24211)—Con.													
Starting with purchased logs—Con.													
East ⁵ —Con.													
South Atlantic....	202	44	2,912	7,719	2,585	4,863	6,480	12,352	20,430	33,773	991	11,670	100,448
Virginia.....	52	6	512	1,200	454	798	1,028	2,013	3,861	5,916	210		
North Carolina..	63	12	893	2,338	776	1,477	1,916	3,565	4,747	8,459	260		
South Carolina..	20	6	418	1,220	360	711	1,003	2,703	1,717	4,343	188		
Georgia.....	22	10	488	1,193	453	803	1,078	1,504	4,875	6,716	96		
Florida.....	13	3	258	850	235	484	659	1,173	2,871	4,578	42		
East South Central	183	40	2,915	8,047	2,606	5,138	6,885	12,787	19,366	31,833	1,374	11,670	100,448
Kentucky.....	33	3	279	708	249	444	643	1,313	2,235	3,517	112		
Tennessee.....	63	7	580	1,627	494	990	1,262	2,581	4,129	6,679	180		
Alabama.....	43	12	707	1,904	641	1,263	1,615	2,555	4,216	6,721	199		
Mississippi.....	44	18	1,349	3,808	1,222	2,441	3,365	6,338	8,786	14,916	883		
West South Central	104	19	1,361	3,902	1,260	2,448	3,577	7,027	7,599	14,442	471			5,444	45,158
Arkansas.....	50	9	502	1,330	463	930	1,213	2,839	3,358	6,052	124		
Louisiana.....	19	7	456	1,463	434	874	1,349	2,162	2,071	4,128	130		
West ⁵	177	54	3,239	16,595	2,971	5,767	15,060	33,211	51,734	84,118	1,867	5,444	45,158
Mountain.....	42	11	680	2,944	642	1,284	2,790	6,954	6,857	13,626	276	(NA)	(NA)
Idaho.....	15	3	197	876	183	362	834	1,666	3,225	4,711	130	(NA)	(NA)
Pacific.....	135	43	2,559	13,651	2,329	4,483	12,270	26,257	44,877	70,492	1,591	(NA)	(NA)
Oregon.....	52	14	791	4,157	704	1,306	3,732	7,953	13,949	21,557	451	(NA)	(NA)
California.....	33	22	1,133	6,246	1,049	2,102	5,665	12,332	20,709	32,751	840	(NA)	(NA)
Not specified by type of operation, total.....	1,090	108	8,726	21,449	7,775	14,801	18,962	37,449	36,917	75,061	7,233	20,154	64,162
East ⁵	996	97	8,034	18,653	7,141	13,678	16,409	31,579	31,522	63,870	5,819	17,554	51,797
New England.....	54	3	260	772	241	490	720	934	1,291	2,308	173	2,934	14,815
Middle Atlantic...	97	7	670	2,138	556	1,092	1,785	3,830	4,152	8,027	638		
Pennsylvania....	77	6	554	1,714	455	906	1,409	2,951	3,377	6,356	455		
East North Central	110	6	519	1,465	465	853	1,355	2,377	2,269	4,735	533		
Michigan.....	27	2	151	426	139	265	408	914	756	1,727	155		
Wisconsin.....	19	1	106	280	98	183	263	429	433	857	69		
West North Central ⁵	50	1	177	505	164	287	470	864	1,119	2,032	158	14,620	36,982
South Atlantic....	408	40	3,619	7,775	3,242	5,621	6,868	12,694	12,938	26,019	2,550		
Virginia.....	118	9	943	1,932	836	1,420	1,744	3,289	3,118	6,379	634		
West Virginia....	58	9	659	1,623	595	1,017	1,385	2,062	3,125	5,090	531		
North Carolina..	124	7	944	1,864	843	1,529	1,590	3,185	3,043	6,623	471		
South Carolina..	31	6	385	824	348	608	740	1,259	1,021	2,295	287		
Georgia.....	51	6	474	1,031	428	709	953	2,040	1,757	3,896	417		
East South Central	187	26	1,656	3,350	1,470	2,698	2,979	6,054	5,764	11,950	1,011	14,620	36,982
Kentucky.....	35	3	247	472	219	388	430	858	627	1,496	167		
Tennessee.....	78	4	433	776	382	738	671	1,603	1,225	2,970	174		
Alabama.....	39	8	415	973	363	659	872	2,249	2,082	4,380	490		
Mississippi.....	35	11	561	1,129	506	913	1,006	1,344	1,830	3,104	180		
West South Central	90	14	1,133	2,648	1,003	2,637	2,232	4,826	3,989	8,799	756		
Arkansas.....	46	4	507	1,207	449	1,602	1,032	2,399	3,362	3,766	267	2,600	12,365
Louisiana.....	15	7	340	729	296	522	592	1,231	1,227	2,419	260		
West ⁵	94	11	692	2,796	634	1,123	2,553	5,870	5,395	11,191	1,414			2,600	12,365
Mountain ⁵	37	3	288	1,083	269	470	996	1,633	1,478	3,236	831	(NA)	(NA)
Pacific.....	57	8	404	1,713	365	653	1,557	4,237	3,917	7,955	583	(NA)	(NA)
Oregon.....	17	4	167	741	149	274	661	1,739	1,565	3,254	267	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Type of operation and region ⁴	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
ESTABLISHMENTS SPECIALIZING 50 PERCENT OR MORE IN PRODUCING THE SPECIFIED LUMBER—Continued													
DRESSED LUMBER (24212), TOTAL.	1,419	920	90,951	422,767	82,452	165,309	365,398	694,130	972,065	1,668,102	65,009	117,488	685,208
Starting with stumpage, total..	670	506	58,621	275,647	53,147	107,455	238,030	436,005	550,494	984,870	41,242	71,761	405,886
East ⁵	371	259	22,106	71,131	20,277	42,491	61,333	112,814	154,102	266,150	11,942	29,829	120,710
Northeast.....	25	4	329	1,158	294	611	1,001	704	2,723	4,107	349	1,497	7,692
North Central.....	18	2	141	488	118	243	352	614	893	1,579	112		
South Atlantic....	169	125	7,206	21,584	6,633	13,143	18,284	38,868	62,887	100,736	4,080	28,332	113,018
Virginia.....	36	23	1,288	4,330	1,162	2,275	3,577	7,816	13,451	21,060	1,232		
North Carolina..	49	35	2,111	6,156	1,938	3,867	5,159	10,157	19,525	29,573	939		
South Carolina..	20	17	1,083	3,355	997	1,994	2,816	6,487	9,801	15,808	843		
Georgia.....	48	38	2,108	5,785	1,968	3,866	5,082	10,814	15,259	25,824	611		
East South Central	70	53	4,322	13,266	3,841	7,869	11,345	20,698	28,082	49,193	2,503	28,332	113,018
Alabama.....	47	35	2,858	8,366	2,588	5,367	7,091	14,838	20,107	34,887	1,928		
West South Central	89	75	10,108	34,635	9,391	20,625	30,351	51,930	59,517	110,535	4,898	28,332	113,018
Arkansas.....	42	34	4,360	14,897	4,093	8,996	13,345	22,703	26,746	48,891	1,744		
Louisiana.....	22	21	2,292	7,911	2,151	4,672	7,039	13,205	13,252	26,070	1,994		
West ⁵	299	247	36,515	204,516	32,870	64,964	176,697	323,191	396,392	718,720	29,300	41,932	285,176
Mountain ⁵	95	72	8,028	41,278	7,235	14,937	35,909	67,152	81,650	2,952	29,011	(NA)	(NA)
Idaho.....	31	26	3,069	16,320	2,842	5,729	14,697	30,581	38,100	68,654	1,345	(NA)	(NA)
Pacific.....	204	175	28,487	163,238	25,635	50,027	140,788	256,039	314,742	572,818	24,494	(NA)	(NA)
Oregon.....	104	88	12,951	72,847	11,753	22,169	63,270	111,962	162,064	272,625	12,224	(NA)	(NA)
California.....	65	60	10,595	62,971	9,389	19,131	53,509	102,584	104,629	212,153	7,804	(NA)	(NA)
Starting with purchased logs, total.....	453	294	24,572	115,844	22,432	44,579	101,026	197,787	302,400	502,192	18,363	31,075	203,422
East ⁵	219	114	7,391	23,071	6,704	13,672	19,551	43,104	62,293	104,282	3,843	10,228	39,263
Northeast.....	45	7	399	1,345	349	711	1,097	1,816	2,915	4,674	618	954	4,951
North Central ⁵	12	3	103	435	90	191	355	1,260	1,141	2,272	80		
South Atlantic....	84	53	3,072	9,128	2,820	5,468	7,711	18,482	30,146	48,115	1,291	9,274	34,312
Virginia.....	11	4	185	561	169	329	472	1,201	2,200	3,503	78		
North Carolina..	22	10	636	1,914	563	1,122	1,545	2,812	4,576	7,114	182		
Georgia.....	31	25	1,460	4,299	1,337	2,497	3,531	9,904	16,684	26,242	580		
East South Central	42	24	1,970	6,034	1,740	3,665	5,012	10,599	14,055	24,296	973	9,274	34,312
Alabama.....	18	11	1,037	3,460	899	1,995	2,843	5,605	6,357	11,991	520		
West South Central	36	27	1,847	6,129	1,705	3,637	5,376	10,947	14,036	24,925	881	9,274	34,312
Arkansas.....	15	14	888	3,147	816	1,756	2,697	6,561	6,734	13,163	263		
West ⁵	234	180	17,181	92,773	15,728	30,907	81,475	154,683	240,107	397,910	14,520	20,847	164,159
Mountain ⁵	44	32	3,768	19,694	3,533	7,348	17,651	28,922	43,504	74,037	5,040	(NA)	(NA)
Idaho.....	17	14	2,320	12,455	2,170	4,604	11,201	17,235	24,829	42,968	4,280	(NA)	(NA)
Pacific.....	190	148	13,413	73,079	12,195	23,559	63,824	125,761	196,603	323,873	9,480	(NA)	(NA)
Washington.....	69	47	4,883	25,446	4,465	8,211	22,322	41,798	68,631	109,870	2,479	(NA)	(NA)
California.....	45	43	4,352	23,985	3,946	7,742	20,928	42,595	56,057	100,932	4,557	(NA)	(NA)
Starting with purchased rough lumber, total....	189	86	5,151	20,531	4,549	8,731	17,255	39,012	91,636	131,204	2,192	9,954	56,304
East ⁵	131	57	2,660	7,689	2,284	4,369	6,103	14,370	37,261	51,717	909	6,209	24,088
Northeast and North Central ⁵ ...	16	3	182	697	162	311	573	939	1,759	2,683	96	392	1,991
South Atlantic....	68	33	1,490	4,322	1,269	2,433	3,442	8,561	22,378	31,063	518	5,817	22,097
Virginia.....	12	4	207	633	171	313	474	1,515	4,362	5,895	78		
East South Central	34	14	668	1,781	583	1,102	1,404	3,052	7,878	10,997	190		
Tennessee.....	10	4	160	487	144	275	395	627	2,457	3,106	49		
West South Central	13	7	320	889	270	523	684	1,818	5,246	6,974	105		

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Type of operation and region ⁴	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
ESTABLISHMENTS SPECIALIZING 50 PERCENT OR MORE IN PRODUCING THE SPECIFIED LUMBER—Continued													
DRESSED LUMBER (24212)—Con.													
Starting with purchased rough lumber—Con.													
West ⁵	58	29	2,491	12,842	2,265	4,362	11,152	24,642	54,375	79,487	1,283	3,745	32,216
Mountain ⁵	12	4	220	1,077	197	404	929	1,977	6,382	8,367	61	(NA)	(NA)
Pacific.....	46	25	2,271	11,765	2,068	3,958	10,223	22,665	47,993	71,120	1,222	(NA)	(NA)
Washington.....	11	7	779	3,854	705	1,393	3,315	5,593	11,130	16,450	193	(NA)	(NA)
Oregon.....	17	7	426	2,284	381	723	1,945	3,520	13,044	16,731	307	(NA)	(NA)
California.....	18	11	1,066	5,627	982	1,842	4,963	13,552	23,819	37,939	722	(NA)	(NA)
Not specified by type of operation, total.....	107	34	2,607	10,745	2,324	4,544	9,087	21,326	27,535	49,836	3,212	4,698	19,596
East ⁵	78	22	1,132	3,154	1,016	1,903	2,721	7,822	9,169	17,353	807	3,364	11,022
Northeast and North Central ⁵ ...	27	4	271	910	239	468	786	1,941	1,695	3,819	284	299	1,146
South Atlantic.....	29	10	489	1,270	429	777	1,053	2,775	4,327	7,224	333	3,065	9,876
Virginia.....	12	4	181	514	157	308	418	940	1,199	2,191	94		
East South Central	12	5	205	511	190	370	461	2,141	1,729	3,941	151		
West South Central	10	3	167	463	158	288	421	965	1,418	2,369	39		
West ⁵	29	12	1,475	7,591	1,308	2,641	6,366	13,504	18,366	32,483	2,405	1,334	8,574
Mountain ⁵	10	5	923	4,424	822	1,657	3,612	7,474	8,273	15,712	1,155	(NA)	(NA)
Pacific.....	19	7	552	3,167	486	984	2,754	6,030	10,093	16,771	1,250	(NA)	(NA)
SAWMILL AND PLANING MILL PRODUCTS, N.S.K.(24210), TOTAL.....	5,954	547	62,340	218,245	56,096	106,316	188,035	383,599	431,002	811,752	78,605	(NA)	(NA)
Type of products, n.s.k., and materials consumed, n.s.k.:													
East ⁵	5,111	405	43,528	120,958	39,074	73,641	103,807	214,474	258,164	473,890	57,843	(NA)	(NA)
New England.....	341	21	2,337	7,885	2,083	3,853	6,593	14,110	17,580	31,659	2,260	(NA)	(NA)
Maine.....	140	9	899	2,830	812	1,509	2,529	5,073	6,257	11,395	824	(NA)	(NA)
New Hampshire.....	63	5	446	1,671	388	699	1,233	2,943	5,072	7,952	505	(NA)	(NA)
Vermont.....	69	6	591	1,804	533	984	1,480	2,982	2,774	6,102	573	(NA)	(NA)
Massachusetts.....	46	1	336	1,409	289	562	1,192	2,770	3,090	5,484	275	(NA)	(NA)
Middle Atlantic.....	472	21	2,479	8,782	2,191	4,279	7,374	14,176	20,279	34,580	2,862	(NA)	(NA)
New York.....	136	13	996	4,071	876	1,762	3,283	5,952	10,923	17,102	1,062	(NA)	(NA)
New Jersey....	21	2	148	554	127	238	450	846	793	1,558	190	(NA)	(NA)
Pennsylvania....	315	6	1,335	4,157	1,188	2,279	3,641	7,378	8,563	15,920	1,610	(NA)	(NA)
East North Central.....	631	30	3,559	11,495	3,180	6,163	9,848	19,017	23,561	42,902	3,142	(NA)	(NA)
Ohio.....	170	5	684	2,353	622	1,353	2,080	4,758	4,860	9,566	865	(NA)	(NA)
Indiana.....	120	2	548	1,489	483	887	1,344	2,601	2,945	5,538	519	(NA)	(NA)
Illinois.....	70	4	418	1,240	377	661	1,080	2,462	2,905	5,359	401	(NA)	(NA)
Michigan.....	140	8	775	2,592	691	1,307	2,243	3,610	6,001	9,548	718	(NA)	(NA)
Wisconsin.....	131	11	1,134	3,821	1,007	1,955	3,101	5,586	6,850	12,891	639	(NA)	(NA)
West North Central ⁵	313	17	1,534	4,025	1,358	2,410	3,453	7,122	8,593	15,117	1,260	(NA)	(NA)
Minnesota.....	89	5	450	1,358	398	693	1,185	2,302	2,783	5,037	504	(NA)	(NA)
Iowa.....	43	2	184	609	154	286	495	1,026	1,422	2,360	135	(NA)	(NA)
Missouri.....	160	10	857	1,936	764	1,359	1,654	3,267	4,145	7,271	565	(NA)	(NA)
South Atlantic..	1,943	165	15,871	39,121	14,306	26,249	34,516	64,143	84,523	148,263	13,543	(NA)	(NA)
Virginia.....	458	35	3,379	7,711	3,022	5,298	6,825	14,145	16,096	30,377	3,218	(NA)	(NA)
West Virginia.....	175	13	1,410	4,006	1,268	2,454	3,497	6,005	8,601	14,603	1,115	(NA)	(NA)
North Carolina.....	609	49	4,585	10,571	4,136	7,467	9,450	16,548	21,959	38,484	3,728	(NA)	(NA)
South Carolina.....	192	22	2,150	5,608	1,958	3,612	5,069	7,327	14,015	21,200	1,470	(NA)	(NA)
Georgia.....	341	27	2,823	6,568	2,557	4,811	5,827	11,303	14,579	25,742	2,520	(NA)	(NA)
Florida.....	95	10	847	2,619	776	1,469	2,228	4,949	4,584	9,303	944	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Type of operation and region ⁴	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
SAWMILL AND PLANING...ETC. (24210)—Con.	ESTABLISHMENTS SPECIALIZING 50 PERCENT OR MORE IN PRODUCING THE SPECIFIED LUMBER—Continued												
Type of products, n.s.k., etc.—Con.													
East—Con.													
East South													
Central.....	966	104	10,353	25,669	9,390	17,517	22,317	42,784	54,522	97,708	27,822	(NA)	(NA)
Kentucky.....	219	18	1,715	3,997	1,539	2,872	3,454	6,973	8,754	15,622	1,971	(NA)	(NA)
Tennessee.....	318	19	2,214	5,183	1,969	3,583	4,592	8,582	10,216	18,993	2,023	(NA)	(NA)
Alabama.....	271	42	4,368	11,310	4,001	7,563	9,793	19,054	22,655	41,471	2,378	(NA)	(NA)
Mississippi...	158	25	2,056	5,179	1,881	3,499	4,478	8,175	12,897	21,622	21,450	(NA)	(NA)
West South													
Central.....	445	47	7,389	23,944	6,560	13,160	19,706	53,122	49,082	103,661	6,951	(NA)	(NA)
Arkansas.....	216	13	2,445	7,517	2,212	4,259	6,059	18,903	23,555	43,656	1,875	(NA)	(NA)
Louisiana.....	104	17	1,996	6,450	1,808	3,729	5,698	11,100	9,881	21,387	2,233	(NA)	(NA)
West ⁵	843	142	18,812	97,287	17,022	32,675	84,228	169,125	172,838	337,862	20,762	(NA)	(NA)
Mountain ⁵	265	25	3,453	15,184	3,078	5,994	12,830	26,530	24,452	51,121	6,026	(NA)	(NA)
Idaho.....	56	9	709	3,255	636	1,106	2,837	4,811	3,987	8,860	805	(NA)	(NA)
Wyoming.....	22	1	200	913	183	338	806	2,559	1,782	4,681	306	(NA)	(NA)
Arizona.....	11	2	185	824	172	304	714	1,900	3,183	5,063	73	(NA)	(NA)
Utah.....	15	2	179	747	160	279	605	1,929	1,616	3,399	86	(NA)	(NA)
Pacific.....	578	117	15,359	82,103	13,944	26,681	71,398	142,595	148,386	286,741	14,736	(NA)	(NA)
Washington.....	162	27	5,372	27,577	4,904	8,685	24,089	46,208	40,489	84,871	5,217	(NA)	(NA)
Oregon.....	193	39	5,666	31,005	5,148	10,105	27,048	54,651	65,511	118,468	5,993	(NA)	(NA)
California....	213	51	4,267	23,168	3,843	7,798	19,955	41,151	42,846	82,282	3,473	(NA)	(NA)
Geographic area ¹	INDUSTRY 2426.--HARDWOOD DIMENSION AND FLOORING												
Total.....	642	317	28,128	98,882	25,433	52,944	81,735	155,083	189,404	345,227	7,106	25,140	110,354
New England.....	57	16	954	3,479	869	1,835	2,960	5,608	5,565	11,031	323	565	2,350
Maine.....	15	7	436	1,508	408	890	1,348	2,688	3,059	5,614	153	108	410
Middle Atlantic.....	75	32	1,865	7,517	1,622	3,271	6,074	12,023	11,856	23,870	736	1,550	9,688
New York.....	34	14	846	3,270	770	1,441	2,818	5,392	4,232	9,632	287	932	6,452
East North Central..	86	38	2,949	12,279	2,606	5,204	9,747	19,073	19,840	38,294	724	2,091	10,985
Indiana.....	17	9	446	1,780	398	873	1,431	2,769	2,207	4,948	68	228	1,120
Illinois.....	16	6	533	2,252	499	901	2,002	2,518	2,752	5,282	61	334	1,703
West North Central..	31	15	1,168	4,340	1,045	2,210	3,551	6,993	7,687	14,758	421	989	4,492
Missouri.....	19	14	1,026	3,699	922	1,948	3,048	6,453	7,208	13,742	343	868	3,915
South Atlantic.....	153	84	6,542	21,745	5,882	12,139	17,556	30,981	39,584	70,439	1,747	5,851	22,017
Virginia.....	23	18	1,998	6,562	1,855	3,912	5,512	8,995	14,035	23,042	402	1,635	4,892
West Virginia.....	9	5	308	1,055	267	571	811	1,433	1,756	3,194	69	434	1,289
North Carolina....	73	36	2,567	8,899	2,298	4,538	7,085	12,520	13,350	25,920	726	2,097	8,979
South Carolina....	17	7	401	1,084	360	701	916	1,699	2,104	3,762	174	273	1,052
Georgia.....	20	13	794	2,539	679	1,376	1,922	4,464	5,563	9,897	261	959	3,796
East South Central..	127	88	9,266	31,048	8,444	17,575	25,964	52,873	66,547	119,747	1,968	7,872	36,204
Tennessee.....	60	39	4,858	16,170	4,431	9,223	13,516	29,517	38,548	68,137	765	4,326	22,244
Alabama.....	15	14	1,024	3,274	968	2,036	2,808	5,967	7,307	12,944	332	812	3,767
West South Central..	85	40	5,108	17,224	4,725	10,246	14,868	25,375	35,716	62,385	997	5,894	22,315
Texas.....	7	4	210	677	185	371	534	1,078	1,337	2,342	48	866	3,014
West.....	28	4	276	1,250	240	464	1,015	2,157	2,609	4,703	190	328	2,303
Washington.....	8	2	115	577	103	203	485	1,268	1,438	2,670	153	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	INDUSTRY 2429.—SPECIAL PRODUCT SAWMILLS, N.E.C.												
Total.....	541	107	7,164	25,223	6,591	11,122	22,403	41,355	52,569	96,032	1,968	7,176	36,123
New England.....	24	1	159	582	137	264	435	1,101	2,029	3,139	47	109	486
Middle Atlantic.....	13	1	95	295	86	148	261	542	898	1,448	48	111	797
East North Central..	46	12	796	3,057	741	1,333	2,659	4,916	4,679	10,353	155	1,054	6,387
Indiana.....	8	4	125	357	113	173	282	700	439	1,190	30	127	263
Illinois.....	19	3	221	756	199	338	591	1,591	1,600	3,733	43	400	2,575
West North Central..	36	7	434	775	400	555	670	1,419	2,084	3,549	62	334	1,169
Missouri.....	25	5	337	613	310	423	528	1,175	1,641	2,928	49	305	1,063
South Atlantic.....	90	22	1,269	3,349	1,138	2,143	2,810	5,174	7,226	12,501	373	1,118	4,172
Virginia.....	24	7	367	1,046	345	666	944	1,404	2,265	3,784	105	331	1,199
North Carolina.....	26	5	355	867	315	563	683	1,505	1,849	3,330	124	291	1,084
South Carolina.....	11	4	176	437	159	383	370	706	1,163	1,844	58	116	290
Georgia.....	14	4	211	510	177	298	410	771	879	1,657	25	150	765
East South Central..	54	11	730	1,880	679	1,172	1,667	3,276	5,428	8,877	140	886	2,602
Tennessee.....	16	1	155	360	141	207	285	662	1,758	2,537	21	302	1,050
Alabama.....	13	5	216	644	205	373	616	988	1,759	2,697	80	271	632
West South Central..	26	5	487	1,405	456	849	1,224	1,226	3,456	5,383	39	753	2,729
West.....	252	48	3,194	13,880	2,954	4,658	12,677	23,701	26,769	50,782	1,104	2,811	17,781
Washington.....	156	37	2,309	10,034	2,129	3,307	9,136	16,588	19,718	36,566	754	1,870	11,788
Oregon.....	58	10	679	3,090	637	1,015	2,892	5,928	5,645	11,629	215	(2)	(2)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2411, Logging Camps and Contractors: New England—Massachusetts, 22 (20-99); Rhode Island, 1 (1-19); Connecticut, 10 (20-99); Middle Atlantic—New Jersey, 26 (20-99); East North Central—Indiana, 37 (20-99); West North Central—Iowa, 19 (20-99); South Dakota, 11 (20-99); Nebraska, 2 (1-19); Kansas, 13 (20-99); West South Central—Oklahoma, 13 (20-99); Mountain—Utah, 13 (20-99); Nevada, 5 (20-99).

SIC 2421, Sawmills and Planing Mills: New England—Rhode Island, 5 (20-99); West North Central—North Dakota, 7 (20-99); South Dakota, 19 (250-499); Nebraska, 7 (1-19); South Atlantic—Delaware, 17 (250-499); Maryland, 144 (1,000-2,499); West South Central—Oklahoma, 46 (941); Texas, 228 (7,336); Mountain—Montana, 173 (5,000-9,999); Colorado, 119 (1,000-2,499); New Mexico, 52 (1,000-2,499); Nevada, 3 (149); Pacific—Alaska, 22 (100-249); Hawaii, 2 (1-19).

SIC 242111, Rough lumber, starting with stumpage; East: New England—Massachusetts, 23 (100-249); Connecticut, 8 (20-99); Middle Atlantic—New York, 62 (500-999); New Jersey, 7 (20-99); West North Central—Iowa, 20 (20-99); North Dakota, 1 (1-19); Kansas, 5 (20-99); South Atlantic—Delaware, 4 (20-99); Florida, 21 (100-249); West South Central—Oklahoma, 8 (20-99); Texas, 35 (500-999).

SIC 242121, Rough lumber, starting with stumpage; West: West North Central—South Dakota, 4 (20-99); Mountain—Montana, 32 (250-499); Colorado, 40 (100-249); New Mexico, 7 (250-499); Arizona, 2 (20-99); Utah, 5 (20-99); Pacific—Washington, 38 (500-999); Alaska, 4 (20-99).

SIC 242112, Rough lumber, starting with purchased logs; East: New England—New Hampshire, 9 (20-99); Massachusetts, 12 (20-99); Connecticut, 5 (1-19); Middle Atlantic—New Jersey, 3 (100-249); Pennsylvania, 70 (250-499); East North Central—Illinois, 23 (100-249); Wisconsin, 28 (250-499); West North Central—Minnesota, 15 (20-99); Iowa, 10 (20-99); Kansas, 5 (20-99); South Atlantic—Delaware, 1 (1-10); Maryland, 10 (100-249); West Virginia, 21 (100-249); West South Central—Oklahoma, 9 (20-99); Texas, 26 (250-499).

SIC 242122, Rough lumber, starting with purchased logs; West: Mountain—Montana, 13 (250-499); Wyoming, 5 (1-19); Colorado, 4 (1-19); New Mexico, 2 (1-19); Utah, 3 (100-249); Pacific—Washington, 48 (500-999); Alaska, 2 (20-99).

SIC 242113, Rough lumber, not specified by type of operation; East: New England—Maine, 23 (20-99); New Hampshire, 10 (20-99); Vermont, 11 (20-99); Massachusetts, 4 (20-99); Rhode Island, 1 (1-19); Connecticut, 5 (1-19); Middle Atlantic—New York, 13 (20-99); New Jersey, 7 (20-99); East North Central—Ohio, 33 (100-249); Indiana, 19 (20-99); Illinois, 12 (20-99); West North Central—Minnesota, 14 (20-99); Iowa, 7 (1-19); Missouri, 25 (100-249); Nebraska, 2 (1-19); Kansas, 2 (1-19); South Atlantic—Delaware, 3 (20-99); Maryland, 9 (20-99); Florida, 14 (20-99); West South Central—Oklahoma, 5 (1-19); Texas, 24 (250-499).

SIC 242123, Rough lumber, not specified by type of operation; West: West North Central—South Dakota, 2 (1-19); Mountain—Montana, 4 (1-19); Idaho, 6 (100-249); Wyoming, 6 (1-19); Colorado, 10 (20-99); New Mexico, 4 (20-99); Arizona, 1 (1-19); Utah, 4 (20-99); Pacific—Washington, 23 (20-99); California, 13 (100-249); Alaska, 4 (1-19).

SIC 242114, Dressed lumber, starting with stumpage; East: New England—Maine, 7 (100-249); New Hampshire, 5 (20-99); Vermont, 2 (20-99); Massachusetts, 5 (20-99); Rhode Island, 1 (1-19); Middle Atlantic—New York, 2 (20-99); New Jersey, 2 (1-19); Pennsylvania, 1 (1-19); East North Central—Indiana, 1 (1-19); Michigan, 6 (20-99); Wisconsin, 3 (1-19); West North Central—Minnesota, 5 (20-99); Missouri, 3 (1-19); South Atlantic—Maryland, 6 (20-99); Florida, 10 (500-999); East South Central—Kentucky, 2 (20-99); Tennessee, 4 (20-99); Mississippi, 17 (1,000-2,499); West South Central—Oklahoma, 1 (500-499); Texas, 24 (2,500-4,999).

SIC 242124, Dressed lumber, starting with stumpage; West: West North Central—South Dakota, 4 (20-99); Mountain—Montana, 20 (1,000-2,499); Wyoming, 7 (250-499); Colorado, 15 (500-999); New Mexico, 7 (250-499); Arizona, 7 (1,000-2,499); Utah, 3 (20-99); Nevada, 1 (100-249); Pacific—Washington, 34 (2,500-4,999); Alaska, 1 (1-19).

SIC 242115, Dressed lumber, starting with purchased logs; East: New England—Maine, 17 (100-249); New Hampshire, 4 (20-99); Vermont, 11 (20-99); Massachusetts, 3 (1-19); Middle Atlantic—New York, 7 (20-99); Pennsylvania, 3 (1-19); East North Central—Michigan, 4 (20-99); Wisconsin, 2 (20-99); West North Central—Minnesota, 6 (20-99); South Atlantic—Maryland, 1 (20-99); South Carolina, 11 (100-249); Florida, 8 (500-499); East South Central—Kentucky, 3 (20-99); Tennessee, 5 (20-99); Mississippi, 16 (500-999); West South Central—Louisiana, 9 (250-499); Oklahoma, 3 (100-249); Texas, 9 (250-499).

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-24A—Continued

- SIC 242125, Dressed lumber, starting with purchased logs; West: West North Central—South Dakota, 1 (1-19); Mountain—Montana, 1 (1-19); Wyoming, 1 (1-19); Colorado, 2 (20-99); New Mexico, 2 (20-99); Arizona, 3 (250-499); Pacific—Oregon, 73 (2,500-4,999); Alaska, 3 (1-19).
- SIC 242116, Dressed lumber, starting with purchased rough lumber; East: New England—Maine, 3 (20-99); New Hampshire, 1 (1-19); Massachusetts, 1 (1-19); Middle Atlantic—New York, 1 (1-19); Pennsylvania, 2 (1-19); East North Central—Ohio, 1 (1-19); Wisconsin, 1 (1-19); West North Central—Minnesota, 2 (1-19); Missouri, 3 (20-99); North Dakota, 1 (20-99); South Atlantic—Maryland, 2 (20-99); West Virginia, 1 (1-19); North Carolina, 25 (500-999); South Carolina, 7 (100-249); Georgia, 19 (250-499); Florida, 2 (20-99); East South Central—Kentucky, 2 (20-99); Alabama, 14 (250-499); Mississippi, 8 (100-249); West South Central—Arkansas, 10 (100-249); Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 1 (20-99).
- SIC 242126, Dressed lumber, starting with purchased rough lumber; West: Mountain—Montana, 3 (20-99); Idaho, 4 (20-99); Colorado, 4 (20-99); Utah, 1 (1-19).
- SIC 242117, Dressed lumber, not specified by type of operation; East: New England—Maine, 6 (20-99); New Hampshire, 2 (1-19); Vermont, 2 (1-19); Connecticut, 1 (20-99); Middle Atlantic—New York, 8 (20-99); New Jersey, 1 (1-19); Pennsylvania, 4 (20-99); East North Central—Ohio, 3 (20-99); Indiana, 1 (1-19); Michigan, 1 (20-99); Wisconsin, 3 (1-19); South Atlantic—West Virginia, 1 (20-99); North Carolina, 8 (20-99); South Carolina, 2 (20-99); Georgia, 5 (100-249); Florida, 1 (1-19); East South Central—Kentucky, 2 (20-99); Tennessee, 3 (1-19); Alabama, 5 (100-249); Mississippi, 2 (20-99); West South Central—Arkansas, 4 (20-99); Louisiana, 3 (20-99); Oklahoma, 1 (1-19); Texas, 2 (20-99).
- SIC 242127, Dressed lumber, not specified by type of operation; West: Mountain—Montana, 2 (250-499); Idaho, 3 (100-249); Colorado, 2 (1-19); New Mexico, 2 (250-499); Utah, 1 (1-19); Pacific—Washington, 4 (20-99); Oregon, 7 (100-249); California, 8 (250-499).
- SIC 242110, Type of products, n.s.k., and materials consumed, n.s.k.; East: New England—Rhode Island, 3 (20-99); Connecticut, 20 (20-99); West North Central—North Dakota, 5 (1-19); Nebraska, 5 (1-19); Kansas, 11 (20-99); South Atlantic—Delaware, 9 (100-249); Maryland, 64 (500-999); West South Central—Oklahoma, 18 (100-249); Texas, 107 (2,500-4,999); Pacific—Oregon, 0 (1-19).
- SIC 242120, Type of products, n.s.k., and materials consumed, n.s.k.; West: West North Central—South Dakota, 8 (100-249); Mountain—Montana, 81 (1,000-2,499); Colorado, 42 (250-499); New Mexico, 28 (250-499); Nevada, 2 (1-19); Alaska, 8 (20-99); Hawaii, 2 (1-19).
- SIC 2426, Hardwood Dimensions and Flooring: New England—New Hampshire, 13 (137); Vermont, 17 (250-499); Massachusetts, 5 (20-99); Rhode Island, 1 (1-19); Connecticut, 6 (20-99); Middle Atlantic—New Jersey, 7 (100-249); Pennsylvania, 34 (500-999); East North Central—Ohio, 13 (250-499); Michigan, 27 (500-999); Wisconsin, 13 (705); West North Central—Minnesota, 6 (20-99); Iowa, 1 (1-19); South Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 3 (20-99); South Atlantic—Maryland, 6 (100-249); Florida, 5 (250-499); East South Central—Kentucky, 24 (100-2,499); Mississippi, 28 (1,000-2,499); West South Central—Arkansas, 56 (3,539); Louisiana, 20 (1,990); Oklahoma, 2 (100-249); Mountain—Idaho, 1 (1-19); Utah, 1 (1-19); Pacific—Oregon, 9 (20-99); California, 9 (20-99).
- SIC 2429, Special Product Sawmills, n.e.c.; New England—Maine, 11 (20-99); New Hampshire, 8 (20-99); Vermont, 2 (1-19); Massachusetts, 2 (1-19); Rhode Island, 1 (1-19); Middle Atlantic—New York, 5 (20-99); New Jersey, 2 (1-19); Pennsylvania, 6 (20-99); East North Central—Ohio, 11 (100-249); Michigan, 1 (20-99); Wisconsin, 7 (269); West North Central—Minnesota, 1 (1-19); Iowa, 5 (20-99); Kansas, 5 (20-99); South Atlantic—Delaware, 1 (20-99); Maryland, 2 (20-99); West Virginia, 10 (20-99); Florida, 2 (1-19); East South Central—Kentucky, 23 (250-499); Mississippi, 3 (100-299); West South Central—Arkansas, 19 (315); Louisiana, 2 (100-249); Oklahoma, 1 (1-19); Texas, 4 (20-99); Mountain—Montana, 2 (1-19); Idaho, 11 (20-99); Colorado, 2 (20-99); New Mexico, 1 (1-19); Arizona, 2 (1-19); Utah, 3 (1-19); Pacific—Oregon, 58 (500-999); California, 17 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

³Data for Alaska and Hawaii are not included for 1958.

⁴Based on establishments specializing 50% or more in the shipments of rough or dressed lumber. Establishments employing more than one type of operation were classified for purposes of this analysis on the basis of their end product and further classified by nature of operation on the basis of the first step in the production reflected in the report, i.e., if a mill produced both from stumpage and purchased logs the entire operation was classified as production from stumpage.

⁵Data for South Dakota included with Mountain Division.

TABLE 3. Detailed Statistics: 1963

Item	Logging camps and contractors (SIC 2411)	Sawmills and planing mills ¹								
		Total (SIC 2421)	East ²							
			Producing rough lumber			Producing dressed lumber				Type of prod- ucts, n.s.k.; and materials consumed, n.s.k. ³ (242110)
			From stumpage (242111)	From purchased logs (242112)	Materials, n.s.k. (242113)	From stumpage (242114)	From purchased logs (242115)	From purchased rough lumber (242116)	Materials, n.s.k. (242117)	
Primary product specialization ratio ⁴.....	.99	.89	.95	.94	.95	.87	.90	.96	.96	.82
Coverage ratio ⁵.....	.90	.95	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments, total.....number..	13,588	12,189	2,370	911	996	371	219	131	78	5,111
With 1 to 19 employees.....do....	13,031	10,038	2,074	765	899	112	105	74	56	4,706
With 20 to 99 employees.....do....	518	1,830	278	138	95	209	102	57	22	371
With 100 employees or more.....do....	39	321	18	8	2	50	12	-	-	34
Proprietors and working partners.....do....	14,413	11,801	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All employees (average for the year).....do....	73,130	207,365	25,496	10,626	8,034	22,106	7,391	2,660	1,132	43,528
Payroll (all employees), total for year..\$1,000..	281,845	811,638	69,250	31,189	18,653	71,131	23,071	7,689	3,154	120,958
Production workers:										
Average for the year.....number..	65,790	186,616	22,355	9,494	7,141	20,277	6,704	2,284	1,016	39,074
March.....do....	59,129	178,032	21,390	9,338	7,012	19,315	6,349	2,291	965	38,778
May.....do....	65,539	188,549	22,801	9,695	7,241	20,410	6,629	2,300	1,010	40,163
August.....do....	75,005	195,003	23,190	9,837	7,214	20,837	6,878	2,286	1,062	39,710
November.....do....	70,458	187,667	22,155	9,201	7,186	20,665	6,947	2,258	1,037	39,554
Man-hours.....1,000..	122,505	364,250	42,773	18,541	13,678	42,491	13,672	4,369	1,903	73,641
January-March.....do....	23,634	84,868	9,911	4,361	2,841	9,697	3,148	1,039	441	18,181
April-June.....do....	28,446	92,842	10,885	4,787	3,978	10,717	3,506	1,131	478	18,592
July-September.....do....	37,294	95,401	11,354	4,855	3,505	11,193	3,582	1,107	493	18,566
October-December.....do....	33,131	91,139	10,623	4,538	3,354	10,884	3,436	1,091	491	18,302
Wages.....\$1,000..	254,122	701,691	59,485	26,580	16,409	61,333	19,551	6,103	2,721	103,807
Cost of materials, etc., total.....do....	630,182	1,779,308	132,379	73,184	31,522	154,102	62,293	37,261	9,169	258,164
Materials, parts, containers, and supplies consumed.....do....	396,190	1,430,122	102,053	59,476	26,758	122,683	54,233	33,366	8,330	174,601
Cost of resales.....do....	44,277	95,135	6,384	7,222	397	6,119	3,131	2,758	219	36,258
Fuels consumed.....do....	33,051	55,718	6,642	2,271	1,903	3,114	1,172	378	197	25,672
Electric energy:										
Purchased:										
Quantity.....million kw.-hrs..	59	2,298	96	54	17	188	74	20	8	240
Cost.....\$1,000..	916	30,689	1,838	1,076	330	3,121	1,236	410	136	3,509
Generated less sold.....million kw.-hrs..	3	641	(D)	(D)	(D)	(D)	(D)	(D)	-	36
Contract work.....\$1,000..	155,748	167,644	15,462	3,139	2,134	19,065	2,521	349	287	18,124
Value of shipments (including resales), total.....do....	1,154,693	3,156,345	252,641	126,210	63,870	266,150	104,282	51,717	17,353	473,890
Value of resales.....do....	48,208	122,256	8,145	8,930	754	6,697	3,086	3,190	866	47,509
Value added by manufacture, adjusted.....do....	520,457	1,376,080	120,178	52,597	31,579	112,814	43,104	14,370	7,822	214,474
Manufacturers' inventories:										
Beginning of year, total.....do....	105,882	555,998	43,388	23,574	13,117	40,424	13,467	7,850	3,235	108,446
Finished products.....do....	67,869	302,605	32,204	17,542	7,561	25,470	7,336	3,262	1,700	55,591
Work-in-process.....do....	17,185	141,955	4,081	2,905	2,936	8,994	3,901	1,061	900	32,533
Materials, supplies, fuel, etc.....do....	20,828	111,438	7,103	3,127	2,620	5,960	2,230	3,527	635	20,322
End of year, total.....do....	99,626	558,622	42,269	23,008	12,095	40,975	14,435	7,848	2,956	106,153
Finished products.....do....	67,344	298,717	32,380	17,868	6,949	25,312	7,832	3,239	1,497	55,659
Work-in-process.....do....	13,656	144,886	3,821	2,150	2,779	9,918	4,520	998	741	31,213
Materials, supplies, fuel, etc.....do....	18,626	115,019	6,068	2,990	2,367	5,745	2,083	3,611	718	19,281
Expenditures for plant and equipment, total.....do....	103,297	183,335	12,449	5,440	5,981	12,439	4,153	990	868	59,386
New, total.....do....	95,602	172,471	11,435	5,024	5,819	11,942	3,843	909	807	57,843
New structures and additions to plant.....do....	14,899	80,783	2,284	1,613	3,623	3,098	971	236	361	42,514
New machinery and equipment.....do....	80,703	91,688	9,151	3,411	2,196	8,844	2,872	673	446	15,329
Used plant and equipment.....do....	7,701	10,864	1,014	416	162	497	310	81	61	1,543
Selected operating ratios:										
Payroll/Total employment.....	3,854	3,914	2,716	2,935	2,322	3,218	3,121	2,891	2,786	2,778
Production workers/Total employment.....	.90	.90	.88	.89	.89	.92	.91	.86	.90	.90
Man-hours/Production workers.....	1,862	1,952	1,913	1,953	1,915	2,096	2,039	1,913	1,873	1,885
Production worker wages/Man-hours.....	2.07	1.93	1.39	1.43	1.20	1.44	1.43	1.40	1.43	1.41
Cost of materials and payrolls/Total value of shipments.....	.79	.82	.80	.83	.79	.85	.82	.87	.71	.80
Cost of materials/Total value of shipments.....	.55	.56	.52	.58	.49	.58	.60	.72	.53	.55
Adjusted value added/Total employment.....	7,117	6,636	4,714	4,950	3,931	5,103	5,832	5,402	6,910	4,922
Salaries and wages/Adjusted value added.....	.54	.59	.58	.59	.59	.63	.54	.54	.40	.56

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Sawmills and planing mills ¹ —Continued								Hardwood dimension and flooring (SIC 2426)	Special product sawmills, n.e.c. (SIC 2429)
	West ⁶									
	Producing rough lumber			Producing dressed lumber				Type of products, n.s.k.; and materials consumed, n.s.k. ³ (242120)		
	From stumpage (242121)	From purchased logs (242122)	Materials, n.s.k. (242123)	From stumpage (242124)	From purchased logs (242125)	From purchased rough lumber (242126)	Materials, n.s.k. (242127)			
Primary product specialization ratio ⁴.....	.96	.97	1.00	.90	.94	.92	.99	.77	.86	.98
Coverage ratio ⁵	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.86	.49
Establishments, total.....number..	268	177	94	299	234	58	29	843	642	541
With 1 to 19 employees.....do....	188	123	83	52	54	29	17	701	325	434
With 20 to 99 employees.....do....	69	50	11	150	134	23	9	112	243	102
With 100 employees or more.....do....	11	4	-	97	46	6	3	30	74	5
Proprietors and working partners.....do....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	314	383
All employees (average for the year).....do....	5,987	3,239	692	36,515	17,181	2,491	1,475	18,812	28,128	7,164
Payroll (all employees), total for year \$1,000..	32,143	16,595	2,796	204,516	92,773	12,842	7,591	97,287	98,882	25,223
Production workers:										
Average for the year.....number..	5,473	2,971	634	32,870	15,728	2,265	1,308	17,022	25,433	6,591
March.....do....	4,798	2,668	514	30,587	15,594	2,123	1,246	15,064	24,628	6,512
May.....do....	5,400	2,921	613	32,979	15,763	2,260	1,193	17,171	24,948	6,813
August.....do....	6,215	3,324	757	35,049	15,878	2,455	1,423	18,888	25,848	6,559
November.....do....	5,477	2,982	669	32,877	15,717	2,219	1,370	17,353	26,364	6,524
Man-hours.....l,000..	10,743	5,767	1,123	64,964	30,907	4,362	2,641	32,675	52,944	11,122
January-March.....do....	2,192	1,270	227	15,093	7,568	1,005	633	7,261	12,436	2,749
April-June.....do....	2,711	1,402	267	16,661	7,799	1,122	610	8,196	13,024	2,866
July-September.....do....	3,164	1,641	335	16,978	7,807	1,220	743	8,357	13,603	2,806
October-December.....do....	2,676	1,454	294	16,232	7,732	1,015	655	8,361	13,881	2,701
Wages.....\$1,000..	28,171	15,060	2,553	176,697	81,475	11,152	6,366	84,228	81,735	22,403
Cost of materials, etc. total.....do....	82,027	51,734	5,395	396,393	240,107	54,375	18,366	172,838	189,404	52,569
Materials, parts, containers, and supplies consumed.....do....	65,518	47,661	3,952	299,824	222,520	48,906	16,776	143,465	170,867	47,165
Cost of resales.....do....	672	1,073	18	10,441	5,212	3,763	1	11,467	9,383	3,611
Fuels consumed.....do....	1,256	521	161	6,126	2,181	378	162	3,584	1,653	489
Electric energy:										
Purchased:										
Quantity.....million kw.-hrs..	107	61	7	675	378	51	20	301	187	35
Cost.....\$1,000..	1,495	850	116	7,776	4,201	673	253	3,669	3,301	728
Generated less sold.....million kw.-hrs..	23	(D)	-	325	97	(D)	(D)	61	97	(D)
Contract work.....\$1,000..	13,086	1,629	1,148	72,225	5,993	655	1,174	10,653	4,200	576
Value of shipments (including resales), total.....do....	138,461	84,118	11,191	718,720	397,910	79,487	32,483	337,862	345,227	96,032
Value of resales.....do....	944	1,084	21	12,313	6,557	3,855	2	18,303	11,245	4,708
Value added by manufacture, adjusted.....do....	54,916	33,211	5,870	323,191	154,683	24,642	13,504	169,125	155,083	41,355
Manufacturers' inventories:										
Beginning of year, total.....do....	19,974	10,203	1,469	132,850	69,933	14,629	5,428	48,011	60,655	21,266
Finished products.....do....	8,723	5,671	712	65,576	41,035	4,134	2,492	23,596	21,713	9,464
Work-in-process.....do....	5,902	2,076	696	41,300	14,151	9,255	2,257	9,007	11,495	6,016
Materials, supplies, fuel, etc.....do....	5,349	2,456	61	25,974	14,747	1,240	679	15,408	27,447	5,786
End of year, total.....do....	19,371	10,904	1,616	138,333	67,574	14,403	4,917	51,765	63,941	19,117
Finished products.....do....	6,988	6,230	728	64,548	37,774	4,212	1,901	25,600	20,157	8,356
Work-in-process.....do....	6,119	2,344	754	43,191	14,292	8,707	2,235	11,104	12,311	5,016
Materials, supplies, fuel, etc.....do....	6,264	2,330	134	30,594	15,508	1,484	781	15,061	31,473	5,745
Expenditures for plant and equipment, total.....do....	4,349	2,134	1,455	31,957	15,473	1,344	2,991	21,926	8,181	2,288
New, total.....do....	3,298	1,867	1,414	29,300	14,520	1,283	2,405	20,762	7,106	1,968
New structures and additions to plant.....do....	710	595	616	9,065	4,019	316	950	9,812	2,036	425
New machinery and equipment.....do....	2,588	1,272	798	20,235	10,501	967	1,455	10,950	5,070	1,543
Used plant and equipment.....do....	1,051	267	41	2,657	953	61	586	1,164	1,075	320
Selected operating ratios:										
Payroll/Total employment.....	5,369	5,123	4,040	5,601	5,400	5,155	5,146	5,172	3,515	3,521
Production workers/Total employment.....	.91	.92	.92	.90	.92	.91	.89	.90	.90	.92
Man-hours/Production workers.....	1,963	1,941	1,771	1,976	1,965	1,926	2,019	1,920	2,082	1,687
Production worker wages/Man-hours.....	2.62	2.61	2.27	2.72	2.64	2.56	2.41	2.58	1.54	2.01
Cost of materials and payrolls/Total value of shipments.....	.82	.81	.73	.84	.84	.85	.80	.80	.84	.81
Cost of materials/Total value of shipments.....	.59	.62	.48	.55	.60	.68	.57	.51	.55	.55
Adjusted value added/Total employment.....	9,173	10,253	8,483	8,851	9,003	9,892	9,155	8,990	5,513	5,773
Salaries and wages/Adjusted value added.....	.59	.50	.48	.63	.60	.52	.56	.57	.64	.61

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹The subindustry analysis is based upon establishments specializing 50 percent or more in shipments of rough or dressed lumber. Establishments employing more than one type of operation were classified for purposes of this analysis on the basis of their end product and further classified by nature of operation on the basis of the first step in the production reflected in the report, i.e., if a mill's output is 50 percent of rough lumber produced both from stumpage and purchased logs the entire operation was classified as production from stumpage.

²East includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, Nebraska, Kansas, Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas.

Footnotes continued on next page.

TABLE 3. Detailed Statistics: 1963—Continued

Footnotes for Table 3-24A—Continued

³Includes establishments classified in industry 2421 with shipments of less than 50 percent of rough or dressed lumber and shipments, n.s.k.⁴The proportion of product shipments (both primary and secondary) of the industry represented by primary products.⁵The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.⁶West includes South Dakota, Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Hawaii, and Alaska.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2411.—LOGGING CAMPS AND CONTRACTORS											
Establishments.....number..	13,588	9,546	2,368	1,117	433	85	30	4	5	-	-
All employees:											
Total.....do....	73,130	16,130	15,394	14,794	12,661	5,586	4,417	1,197	2,951	-	-
Payroll.....\$1,000..	281,845	48,386	45,864	53,826	55,172	29,440	25,328	7,262	16,567	-	-
Value added, adjusted.....do....	520,457	119,475	85,325	98,782	104,510	47,330	36,001	7,318	21,716	-	-
Value of shipments.....do....	1,154,693	250,909	187,433	202,027	191,515	91,164	121,702	34,283	75,660	-	-
Capital expenditures, new...do....	95,602	24,198	18,941	18,992	15,780	6,250	6,155	2,016	3,270	-	-
INDUSTRY 2421.—SAWMILLS AND PLANING MILLS											
Establishments.....number..	12,189	5,933	2,228	1,877	1,291	539	233	59	21	7	1
All employees:											
Total.....do....	207,365	10,849	14,890	25,469	40,087	36,433	34,444	19,975	14,537	10,681	(D)
Payroll.....\$1,000..	811,638	26,588	37,355	69,702	140,836	147,203	165,493	98,538	70,754	55,169	(D)
Value added, adjusted.....do....	1,376,080	52,170	64,415	121,245	251,503	260,383	279,181	150,012	116,629	80,542	(D)
Value of shipments.....do....	3,156,345	111,366	147,182	283,872	609,495	632,958	652,774	334,179	224,281	160,238	(D)
Capital expenditures, new...do....	172,471	11,546	12,575	19,154	45,761	21,194	23,612	12,298	15,578	10,753	(D)
INDUSTRY 2426.—HARDWOOD DIMENSION AND FLOORING											
Establishments.....number..	642	149	90	86	135	108	61	11	2	-	-
All employees:											
Total.....do....	28,128	279	613	1,190	4,339	7,361	14,346	(D)	(D)	-	-
Payroll.....\$1,000..	98,882	841	1,981	4,152	14,827	25,957	51,124	(D)	(D)	-	-
Value added, adjusted.....do....	155,083	1,763	3,315	4,533	23,949	40,335	81,188	(D)	(D)	-	-
Value of shipments.....do....	345,227	3,790	6,910	13,276	49,388	90,111	181,752	(D)	(D)	-	-
Capital expenditures, new...do....	7,106	139	198	303	1,537	2,067	2,862	(D)	(D)	-	-
INDUSTRY 2429.—SPECIAL PRODUCT SAWMILLS, N.E.C.											
Establishments.....number..	541	220	114	100	80	22	5	-	-	-	-
All employees:											
Total.....do....	7,164	454	777	1,386	2,504	1,414	629	-	-	-	-
Payroll.....\$1,000..	25,223	1,214	2,340	4,332	8,665	5,541	3,131	-	-	-	-
Value added, adjusted.....do....	41,355	2,207	4,730	7,611	14,450	7,756	4,601	-	-	-	-
Value of shipments.....do....	96,032	5,148	11,524	18,889	29,865	21,444	9,162	-	-	-	-
Capital expenditures, new...do....	1,968	123	218	377	723	406	121	-	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B-C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2411	Logging camps and contractors.....1963..	1,154,693	1,077,269	15,922	61,502	99	1,185,631	1,077,269	108,362	90
	1958..	¹ 865,340	806,427	18,155	40,758	98	876,761	809,427	67,334	92
2421	Sawmills and planing mills.....1963..	3,156,345	2,681,155	328,979	146,211	89	2,794,590	2,681,155	113,435	95
	1958..	¹ 2,917,314	2,572,888	232,214	112,212	90	2,665,587	2,576,888	88,699	97
2426	Hardwood dimension and flooring...1963..	345,227	286,727	45,057	13,443	86	334,250	286,727	47,523	86
	1958..	260,645	204,901	39,852	15,892	84	251,268	204,901	46,367	82
2429	Special product sawmills, n.e.c...1963..	96,032	87,786	2,147	6,099	98	177,346	87,786	89,560	² 49
	1958..	89,381	77,994	6,045	5,342	93	129,511	77,994	51,517	60

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹Data for Alaska and Hawaii not included.

²The coverage ratio for 2429 is unusually low because of the large amount of wood chips manufactured by establishments classified in industry 2421, Sawmills and Planing Mills.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Logging camps and contractors (SIC 2411)	Sawmills and planing mills (SIC 2421)	Hardwood dimension and flooring (SIC 2426)	Special product sawmills, n.e.c. (SIC 2429)	Veneer and plywood plants (SIC 2432)	Other industries
	Total shipments and receipts of the industry.....	(X)	1,154,693	3,156,345	345,227	96,032	(X)	(X)
	Primary products.....	4,491,817	1,089,334	2,877,861	308,611	89,782	67,504	58,725
24110	Logs and bolts, plywood.....	849,295	746,732	84,265	(under 2)	(under 2)	13,240	3,352
24119	Receipts for contract logging.....	336,336	330,537	(5-10)	(under 2)	(under 2)	-	(under 2)
24211	Rough lumber and sawed ties.....	822,807	7,182	787,060	8,873	491	12,129	¹ 7,072
24212	Dressed lumber.....	1,575,263	(2-5)	1,515,150	9,008	(under 2)	32,402	² 16,521
24217	Softwood cut stock.....	87,917	(under 2)	78,532	(under 2)	-	(under 2)	³ 8,829
24218	Softwood flooring and other general sawmill and planing mill products, n.e.c.....	57,354	(under 2)	53,480	1,491	(under 2)	(under 2)	1,793
24219	Receipts for contract and custom sawing of logs owned by others.....	51,701	987	49,833	632	(under 2)	(under 2)	(under 2)
24210	Sawmills and planing mills, n.s.k.....	199,548	210	197,100	(under 2)	(under 2)	-	1,625
24261	Hardwood flooring.....	154,197	-	16,709	136,598	-	-	890
24262	Hardwood dimension stock, furniture parts and vehicle stock.....	169,806	(under 2)	12,914	140,311	(under 2)	(under 2)	⁴ 15,353
24260	Hardwood dimension and flooring, n.s.k.....	10,247	(under 2)	(under 2)	9,818	-	-	(under 2)
24290	Shingle cooperage stock, and excelsior mills.....	177,346	927	76,866	598	87,786	8,275	2,894
	Other products.....	(X)	3,857	132,273	23,173	151	(X)	(X)
24313	Window and door frames.....	(X)	-	7,808	(under 2)	-	(X)	(X)
24316	Finished wood moldings (including window and door trim).....	(X)	-	23,102	4,308	-	(X)	(X)
24321	Hardwood plywood.....	(X)	-	1,395	-	-	(X)	(X)
24322	Softwood plywood, interior type.....	(X)	-	31,114	-	-	(X)	(X)
24323	Softwood plywood, exterior type.....	(X)	-	9,188	-	-	(X)	(X)
24325	Hardwood veneer.....	(X)	(under 2)	3,911	-	-	(X)	(X)
24326	Softwood veneer.....	(X)	(2-5)	9,417	-	-	(X)	(X)
24331	Fabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for prefabricated buildings.....	(X)	-	4,672	-	-	(X)	(X)
24412	Box shook, fruit, vegetable, industrial, etc.....	(X)	(under 2)	10,594	206	-	(X)	(X)
24911	Wood owned and treated by same establishment.....	(X)	(under 2)	6,333	(under 2)	-	(X)	(X)
24992	Pallets and skids.....	(X)	-	2,715	2,250	-	(X)	(X)
24993	Particle board.....	(X)	-	(under 2)	(under 2)	-	(X)	(X)
24995	Wood products, n.e.c.....	(X)	(under 2)	3,237	2,639	(under 2)	(X)	(X)
25117	Wood outdoor furniture; and unpainted wood furniture.....	(X)	-	(under 2)	(under 2)	-	(X)	(X)
26611	Insulating board.....	(X)	-	(2-5)	-	-	(X)	(X)
	Other secondary products.....	(X)	537	11,363	13,305	(under 2)	(X)	(X)
	Miscellaneous receipts.....	(X)	61,502	146,211	13,443	6,099	(X)	(X)
93000	Contract work.....	(X)	8,174	9,029	1,008	545	(X)	(X)
99980	Repair work and other receipts.....	(X)	5,120	14,926	1,190	846	(X)	(X)
99989	Resales.....	(X)	48,208	122,256	11,245	4,708	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not applicable. (X) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$2,175 thousand produced in industry 2441, Nailed Wooden Boxes and Shook, and \$2,428 thousand produced in industry 2499, Wood Products, N.E.C.

²Includes \$5,217 thousand produced in industry 2431, Millwork Plants, and \$4,166 thousand produced in industry 2441, Nailed Wooden Boxes and Shook.

³Includes \$6,358 thousand produced in industry 2431, Millwork Plants.

⁴Includes \$7,223 thousand produced in industry 2499, Wood Products, N.E.C., and \$3,346 thousand produced in industry 2511, Wood Furniture, Not Upholstered.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2411- --	LOGGING CAMPS AND LOGGING CONTRACTORS, TOTAL.....	.....	(X)	1,185,631	(X)	1876,761
24110 --	Logs and bolts, pulpwood.....	.....	(X)	849,295	(X)	620,788
24110 11	Logs and bolts.....	1,000 ft. (log scale)..	10,463,481	488,898	7,626,102	372,242
24110 31	Pulpwood (originally scaled in cords):	Std. eds. of 128 cu. ft. roughwood basis.....	7,410,816	121,150	6,012,802	103,864
	Quantity reported.....	.....	(X)	18,612	(X)	12,837
	Quantity not reported.....	.....			
24110 98	Other wood products (including poles, piling, hewn crossties, hewn or round mine timbers, hewn mine ties, etc.).....	.....	(X)	36,096	(X)	36,830
24119 11	Receipts for contract logging owned by others.....	.....	(X)	336,336	(X)	255,973
24110 00	Logs, bolts, pulpwood, etc., n.s.k.....	.....	(X)	184,539	(X)	195,015
2421- --	SAWMILLS AND PLANING MILLS, TOTAL.....	.....	(X)	2,794,590	(X)	12,665,587
24211 --	Rough lumber and sawed ties, total.....	.....	(X)	822,807	(X)	860,076
24211 11	Rough lumber (except railway crossties and mine ties) ²	1,000 bd. ft..	10,840,114	788,818	11,876,184	785,175
24211 31	Railway crossties (sawed): ²	Number.....	(S)	16,367	4,531,310	10,648
	Quantity reported.....	.....	(X)	(X)	(X)	2,180
	Quantity not reported.....	.....			
24211 51	Mine ties (sawed) ².....	.....	(X)	3,287	(X)	3,921
24211 00	Rough lumber and sawed ties, n.s.k.....	.....	(X)	14,335	(X)	58,152
24212 11	Dressed lumber, including ceiling, framing, partition, siding, matched and shiplapped lumber.....	1,000 bd. ft..	20,321,249	1,575,263	19,294,092	1,470,308
24217 --	Softwood cut stock, total.....	.....	(X)	87,917	(X)	56,334
24217 11	Furniture cut stock.....	1,000 bd. ft..	109,370	16,151	74,044	12,139
24217 51	Other industrial cut stock:	.....			
	Quantity reported.....	...do.....	561,445	67,703	260,252	30,565
	Quantity not reported.....	.....	(X)	(X)	(X)	4,269
24217 00	Softwood cut stock, n.s.k.....	.....	(X)	4,063	(X)	9,361
24218 --	Softwood flooring and other general sawmill and planing mill products, n.e.c., total.....	.....	(X)	57,354	(X)	63,919
24218 11	Softwood flooring.....	1,000 bd. ft..	114,504	13,498	308,429	29,261
24218 29	Other sawmill products, including tobacco hogshead stock and snow fence lath.....	.....	(X)	29,589	(X)	21,107
24218 98	Other planing mill products.....	.....	(X)	11,288	(X)	6,603
24218 00	Other general sawmill and planing mill products, n.s.k.....	.....	(X)	2,979	(X)	6,948
24219 --	Receipts from contract or custom sawing, kiln drying, planing, etc., total.....	.....	(X)	51,701	(X)	62,231
24219 11	Receipts from contract or custom sawing of logs owned by others:	.....			
	Quantity reported.....	1,000 bd. ft..	1,813,590	24,639	1,275,401	29,431
	Quantity not reported.....	.....	(X)	4,363	(X)	6,903
24219 51	Receipts for contract kiln drying, planing, resawing, or other manufacturing of lumber owned by others.....	.....	(X)	21,880	(X)	18,107
24219 00	Custom sawing, kiln drying, and planing, n.s.k.....	.....	(X)	819	(X)	7,790
24210 00	Sawmill and planing mill products, n.s.k.....	.....	(X)	199,548	(X)	1152,719
2426- --	HARDWOOD DIMENSION AND FLOORING MILLS, TOTAL.....	.....	(X)	334,250	(X)	251,268
24261 --	Hardwood flooring, total.....	.....	(X)	154,197	(X)	148,373
24261 11	Oak:	.....			
	25/32", 1/2", 3/8" T and G and EM and 5/16" square edge strip.	1,000 bd. ft..	793,864	117,359	823,494	114,767
24261 19	Other oak, including block, parquetry, plank, oak faced and/or backed plywood blocks, and other oak specialty flooring.....	...do.....	98,889	21,442	46,424	11,535
24261 31	Maple, including strip, block, parquetry.....	...do.....	34,840	7,753	41,060	8,705
24261 98	Other hardwoods.....	...do.....	15,888	5,596	(S)	6,531
24261 00	Hardwood flooring, n.s.k.....	.....	(X)	2,047	(X)	6,835

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2426- --	HARDWOOD DIMENSION AND FLOORING MILLS--Continued					
24262 --	Hardwood dimension stock, furniture parts, and vehicle stock, total.....		(X)	169,806	(X)	102,895
24262 21	Furniture dimension, including glued laminates: Kiln or air dried-rough or surfaced.....	1,000 bd. ft. lumber cons..	201,861	46,277	134,134	30,503
24262 51	Semifabricated: Quantity reported.....	...do.....	73,952	20,651	34,523	5,168
	Quantity not reported.....	.....	(X)	2,107	(X)	1,075
24262 81	Completely fabricated ready for assembly, including furniture parts, except frames: Quantity reported.....	1,000 bd. ft. lumber cons..	106,855	32,355	}	(X) 30,836
	Quantity not reported.....	.....	(X)	13,227		
24262 84	Other industrial dimension stock (for handles, golf clubs, agricultural implements, railroad cars, vehicle parts, ladder parts, skis, gunstocks, brushes, textile machinery stock, and semifabricated industrial parts).....	1,000 bd. ft. lumber cons..	128,978	31,469	(X)	18,108
24262 89	Other completely fabricated hardwood industrial parts, including vehicle stock: Quantity reported.....	...do.....	39,648	11,575	}	(X) 9,674
	Quantity not reported.....	.....	(X)	1,888		
24262 00	Hardwood dimension stock, n.s.k.....	.....	(X)	10,257	(X)	7,531
24260 00	Hardwood dimension and flooring, n.sk.....	.....	(X)	10,247	(X)	(X)
2429- --	SHINGLES, COOPERAGE STOCK, AND EXCELSIOR PRODUCTS, TOTAL.....	.....	(X)	177,346	(X)	129,511
24290 01	Red cedar shingles and shakes.....	.....	(X)	42,665	(X)	35,577
24290 09	Other shingles and shakes.....	.....	(X)	770	(X)	565
24290 45	Slack cooperage stock, staves, and heading.....	.....	(X)	5,454	(X)	5,097
24290 61	Tight cooperage stock: Staves: Quantity reported.....	1,000 staves..	27,205	11,599	26,215	11,377
	Quantity not reported.....	.....	(X)	1,959	(X)	3,592
24290 71	Heading.....	1,000 sets....	1,519	4,188	(NA)	5,789
24290 75	Wood chips (one standard unit-200 cu. feet of gravity packed chips=one standard cord): Quantity reported.....	1,000 cords (128 cu.ft.)..	8,875	93,566	3,750	41,785
	Quantity not reported.....	.....	(X)	(X)	(X)	7,040
24290 81	Shipments of excelsior, baled, bulk.....	Short tons....	106,617	5,317	(NA)	5,522
24290 89	Other excelsior products including pads and wrappers.....	.....	(X)	4,607	(X)	6,071
24290 00	Shingles, cooperage stock, and excelsior products, n.s.k.....	.....	(X)	7,221	(X)	7,096

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards.

¹Includes data for Alaska and Hawaii.

²See table 6E for estimates of 1963 lumber production.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
2411-	Logging camps and contractors.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
24110	Logs and bolts.....1963..	131	109
	.....1958..	98	106
242--	Sawmills and planing mills.....1963..	100	105
	.....1958..	94	101
2421-	Sawmills and planing mills ².....1963..	95	104
	.....1958..	92	101
24211	Rough lumber and sawed ties.....1963..	78	109
	.....1958..	87	100
24212	Dressed lumber, including ceiling, framing, partition, siding, matched and shiplapped lumber.....1963..	96	102
	.....1958..	90	102
24217	Softwood cut stock.....1963..	240	109
	.....1958..	151	107
2426-	Hardwood dimension and flooring mills.....1963..	119	107
	.....1958..	91	102
24261	Hardwood flooring.....1963..	86	102
	.....1958..	85	99
24262	Hardwood dimension stock, furniture parts, and vehicle stock.....1963..	146	120
	.....1958..	97	110
2429-	Shingles, cooperage stock, and excelsior products..1963..	182	106
	.....1958..	127	112

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

²Adjusted to include product classes 24218 and 24219 and products not specified by kind.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963**

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2411-	Logging camps and contractors.....	1,185,631	1,027,163	1,017,444	1,062,990	1,066,506	876,761	789,565	(NA)
24110	Logs and bolts, pulpwood ²	849,295	781,048	767,842	798,944	775,512	620,788	595,085	(NA)
24119	Receipts for contract-logging.....	336,336	(241,115)	(244,602)	(259,046)	(290,994)	255,973	194,480	(NA)
2421-	Sawmills and planing mills.....	2,794,590	2,718,573	2,620,930	2,814,186	3,097,275	2,665,587	2,860,470	2,282,549
24211	Rough lumber and sawed ties.....	822,807	951,427	861,515	948,940	1,002,338	860,076	991,574	924,241
24212	Dressed lumber.....	1,575,263	1,451,144	1,397,595	1,509,400	1,715,158	1,470,308	1,606,192	1,185,408
24217	Softwood cut stock.....	87,917	63,859	54,117	54,732	59,611	56,334	33,764	22,882
24218	Softwood flooring and other general sawmill and planing mill products, n.e.c.....	57,354	55,228	54,315	58,617	68,989	63,919	60,825	63,839
24219	Receipts from contract or custom sawing of logs owned by others.....	51,701	46,587	47,988	(56,221)	73,081	62,231	60,039	³ 71,445
24210	Sawmill and planing mill products, n.s.k....	199,548	(S)	(S)	(S)	(S)	152,719	108,076	14,734
2426-	Hardwood dimension and flooring.....	334,250	295,937	274,762	293,374	308,141	251,268	267,522	169,896
24261	Hardwood flooring.....	154,197	149,231	141,796	160,822	186,925	148,373	176,436	84,440
24262	Hardwood dimension stock, furniture parts and vehicle stock.....	169,806	146,706	132,966	132,552	121,216	102,895	91,086	85,456
24260	Hardwood dimension and flooring, n.s.k.....	10,247	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
24290	Shingle, cooperage stock, and excelsior mills.....	177,346	125,545	120,467	126,676	145,205	129,511	99,123	⁵ 95,034

Note: Data for Alaska and Hawaii are not included prior to 1958.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Includes an indeterminable amount of receipts for contract logging reported as "Logs, bolts, and pulpwood, not specified by kind."

³Includes an undetermined amount of receipts for other work or services performed for others on their materials.

⁴Value of shipments for these years are included in product class 24210, Sawmills and Planing Mills, n.s.k. and product class 24990, Wood products, n.e.c., n.s.k.

⁵Does not include shipments of wood chips.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
LOGS AND BOLTS, PULPWOOD ² (24110)			RECEIPTS FOR CONTRACT LOGGING (24119)--Con.			ROUGH LUMBER AND SAWED TIES (24211)--Continued		
United States, total....	849,295	620,788	West North Central.....	1,845	2,370	East South Central.....	105,014	110,686
New England.....	62,018	53,972	Minnesota.....	1,270	2,024	Kentucky.....	18,778	17,257
Maine.....	46,321	40,508	South Atlantic.....	27,105	24,522	Tennessee.....	29,475	27,064
New Hampshire.....	12,095	8,883	Virginia.....	3,929	3,885	Alabama.....	25,982	30,760
Vermont.....	3,004	2,116	West Virginia.....	1,721	1,129	Mississippi.....	30,779	35,605
Middle Atlantic.....	16,963	12,715	North Carolina.....	6,526	6,477	West South Central.....	71,447	68,493
New York.....	7,544	6,769	South Carolina.....	3,981	4,564	Arkansas.....	24,878	20,846
Pennsylvania.....	8,628	5,239	Georgia.....	5,869	5,182	Louisiana.....	30,971	28,413
East North Central.....	30,035	20,299	Florida.....	4,197	2,457	Oklahoma.....	1,408	(Z)
Ohio.....	2,099	1,254	East South Central.....	9,719	10,471	Texas.....	14,190	18,327
Indiana.....	1,020	(Z)	Kentucky.....	1,005	(Z)	Mountain.....	52,654	57,829
Illinois.....	1,689	(Z)	Alabama.....	4,795	5,226	Montana.....	14,790	15,567
Michigan.....	12,849	9,335	Mississippi.....	3,152	3,748	Idaho.....	21,839	20,552
Wisconsin.....	12,378	8,684	West South Central.....	13,993	12,444	Wyoming.....	3,147	4,563
West North Central.....	16,555	14,512	Arkansas.....	6,400	4,750	Colorado.....	3,607	5,553
Minnesota.....	12,154	11,995	Louisiana.....	4,356	4,677	New Mexico.....	4,898	3,064
Iowa.....	1,163	(Z)	Texas.....	3,091	2,947	Arizona.....	1,343	3,458
Missouri.....	2,107	1,768	Mountain.....	43,119	25,223	Utah.....	3,030	(3)
South Atlantic.....	128,446	84,973	Montana.....	16,318	6,997	Pacific.....	286,117	302,676
Delaware.....	1,451	1,042	Idaho.....	20,409	14,348	Washington.....	46,965	46,888
Maryland.....	2,459	1,635	Wyoming.....	1,094	(Z)	Oregon.....	105,884	108,964
Virginia.....	13,998	7,171	Colorado.....	1,189	(Z)	California.....	128,358	146,824
West Virginia.....	5,107	3,235	New Mexico.....	1,913	(Z)	Alaska.....	4,910	(NA)
North Carolina.....	19,814	15,216	Arizona.....	1,415	1,330	DRESSED LUMBER (24212)		
South Carolina.....	16,780	10,611	Pacific.....	227,192	167,208	United States, total...	1,575,263	1,470,308
Georgia.....	39,627	27,926	Washington.....	47,995	36,985	New England.....	12,244	15,040
Florida.....	29,210	18,137	Oregon.....	119,800	86,590	Maine.....	6,876	7,254
East South Central.....	45,156	31,565	California.....	53,978	43,633	New Hampshire.....	2,590	2,658
Kentucky.....	2,590	1,875	Alaska.....	5,419	(NA)	Vermont.....	1,130	2,573
Tennessee.....	3,621	2,628	ROUGH LUMBER AND SAWED TIES (24211)			Massachusetts.....	1,454	2,193
Alabama.....	26,270	18,183	United States, total...	822,807	860,076	Middle Atlantic.....	5,296	6,973
Mississippi.....	12,675	8,879	New England.....	23,924	28,226	New York.....	2,960	4,418
West South Central.....	68,012	34,947	Maine.....	9,680	10,622	Pennsylvania.....	2,024	2,149
Arkansas.....	37,816	12,862	New Hampshire.....	4,121	7,657	East North Central.....	8,526	6,444
Louisiana.....	20,745	12,979	Vermont.....	5,608	7,171	Ohio.....	1,211	1,092
Texas.....	8,904	8,373	Massachusetts.....	3,586	2,248	Michigan.....	2,615	2,094
Mountain.....	51,892	37,211	Middle Atlantic.....	52,135	53,911	Wisconsin.....	4,167	2,523
Montana.....	20,751	9,455	New York.....	20,966	27,451	West North Central.....	5,498	5,530
Idaho.....	24,823	24,641	New Jersey.....	2,802	1,812	Minnesota.....	2,003	1,355
Colorado.....	1,506	1,411	Pennsylvania.....	28,367	24,648	South Dakota.....	2,192	2,770
New Mexico.....	1,284	(Z)	East North Central.....	58,352	55,581	South Atlantic.....	178,870	207,789
Arizona.....	2,538	(Z)	Ohio.....	11,035	11,917	Maryland.....	4,097	5,789
Pacific.....	430,218	330,594	Indiana.....	12,416	10,252	Virginia.....	32,847	35,421
Washington.....	156,979	127,222	Illinois.....	4,668	5,132	North Carolina.....	48,130	62,616
Oregon.....	182,901	131,947	Michigan.....	19,736	15,124	South Carolina.....	21,851	31,248
California.....	80,950	66,425	Wisconsin.....	10,497	13,156	Georgia.....	54,870	55,139
Alaska.....	9,388	5,000	West North Central.....	18,408	17,441	Florida.....	15,566	15,551
RECEIPTS FOR CONTRACT LOGGING (24119)			Minnesota.....	2,499	3,337	East South Central.....	87,293	83,246
United States, total....	336,336	255,973	Iowa.....	2,393	2,552	Kentucky.....	2,229	2,245
New England.....	5,916	6,905	Missouri.....	10,646	8,904	Tennessee.....	6,362	7,165
Maine.....	3,777	4,208	Kansas.....	2,016	(Z)	Alabama.....	51,583	49,178
New Hampshire.....	1,098	1,982	South Atlantic.....	154,756	165,228	Mississippi.....	27,119	24,658
Middle Atlantic.....	2,452	2,567	Maryland.....	7,640	8,033	West South Central.....	152,542	118,931
New York.....	1,595	1,944	Virginia.....	33,224	35,475	Arkansas.....	68,925	47,673
East North Central.....	4,995	4,270	West Virginia.....	23,602	18,656	Louisiana.....	32,648	31,991
Michigan.....	3,112	2,894	North Carolina.....	37,990	38,297	Oklahoma.....	4,632	5,621
Wisconsin.....	1,337	(Z)	South Carolina.....	21,251	21,733	Texas.....	46,337	33,646
			Georgia.....	23,686	29,460	Mountain.....	209,932	177,102
			Florida.....	6,284	12,490	Montana.....	62,975	52,151
						Idaho.....	101,662	86,919
						Wyoming.....	2,221	2,498
						Colorado.....	8,909	7,395
						New Mexico.....	5,771	8,156
						Arizona.....	24,093	18,899

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
DRESSED LUMBER (24212)--Con.			SOFTWOOD FLOORING AND OTHER GENERAL SAWMILL AND PLANING MILL PRODUCTS, N.E.C. (24218)--Con.			HARDWOOD FLOORING (24261)--Continued		
Pacific.....	915,062	849,253	East South Central.....	6,024	4,066	West North Central.....	7,974	6,272
Washington.....	196,290	195,425	Kentucky.....	1,112	(Z)	Missouri.....	7,974	6,260
Oregon.....	414,917	392,155	Tennessee.....	1,574	(Z)	South Atlantic.....	27,978	30,646
California.....	302,886	261,673	Alabama.....	2,012	1,834	Virginia.....	13,942	(Z)
SOFTWOOD CUT STOCK (24217)			Mississippi.....	1,326	(Z)	North Carolina.....	4,796	5,631
United States, total....	87,917	56,334	West South Central.....	4,634	5,067	Georgia.....	4,734	5,680
New England.....	2,096	(Z)	Arkansas.....	2,147	2,304	East South Central.....	62,377	51,784
New Hampshire.....	1,178	(Z)	Texas.....	1,767	1,580	Kentucky.....	7,491	6,710
Middle Atlantic.....	1,510	(Z)	Mountain.....	2,327	5,684	Tennessee.....	35,374	28,735
East North Central.....	3,406	2,465	Pacific.....	20,353	26,841	Alabama.....	12,199	9,906
Wisconsin.....	1,416	(Z)	Washington.....	8,753	8,373	Mississippi.....	7,313	6,433
West North Central.....	1,838	1,273	California.....	6,616	5,075	West South Central.....	41,531	42,721
Missouri.....	1,434	(Z)	RECEIPTS FROM CONTRACT AND CUSTOM SAWING OF LOGS OWNED BY OTHERS (24219)			Arkansas.....	27,814	24,963
South Atlantic.....	3,054	3,535	United States, total....	51,701	62,231	Louisiana.....	9,766	12,742
Virginia.....	1,129	(Z)	New England.....	1,685	3,493	HARDWOOD DIMENSION STOCK, FURNITURE PARTS AND VEHICLE STOCK (24262)		
East South Central.....	9,323	3,637	Middle Atlantic.....	1,293	2,668	United States, total....	169,806	102,895
Alabama.....	2,447	(Z)	East North Central.....	3,164	3,305	New England.....	11,383	6,283
West South Central.....	3,094	2,038	Michigan.....	1,141	1,326	Maine.....	5,341	2,013
Mountain.....	11,347	3,634	West North Central.....	1,129	(Z)	New Hampshire.....	1,139	1,066
Montana.....	3,710	(Z)	South Atlantic.....	14,060	16,526	Vermont.....	3,048	1,972
Idaho.....	2,953	(Z)	Virginia.....	3,947	4,283	Massachusetts.....	1,105	(Z)
Pacific.....	52,249	38,167	West Virginia.....	1,338	(Z)	Middle Atlantic.....	17,260	12,583
Oregon.....	14,264	14,363	North Carolina.....	3,742	4,650	New York.....	7,972	8,912
California.....	26,232	16,365	South Carolina.....	1,478	2,712	New Jersey.....	1,040	1,679
SOFTWOOD FLOORING AND OTHER GENERAL SAWMILL AND PLANING MILL PRODUCTS, N.E.C., (24218)			Georgia.....	2,798	2,955	Pennsylvania.....	8,248	1,992
United States, total....	57,354	63,919	East South Central.....	5,671	6,572	East North Central.....	25,873	13,381
New England.....	1,800	1,778	Tennessee.....	2,521	1,682	Ohio.....	4,702	1,539
Middle Atlantic.....	4,634	4,121	Mississippi.....	1,333	1,612	Indiana.....	5,141	2,354
New York.....	1,876	1,572	West South Central.....	1,648	2,720	Illinois.....	2,962	1,990
Pennsylvania.....	2,362	1,704	Mountain.....	5,838	7,213	Michigan.....	7,287	5,770
East North Central.....	5,601	5,607	Montana.....	1,993	2,634	Wisconsin.....	5,781	1,728
Ohio.....	1,732	1,601	Idaho.....	3,049	2,221	West North Central.....	6,582	4,109
Illinois.....	2,058	1,099	Pacific.....	17,213	18,802	Missouri.....	5,723	3,365
Michigan.....	1,274	1,024	Oregon.....	6,111	6,748	South Atlantic.....	33,115	20,259
West North Central.....	1,786	(Z)	California.....	9,185	10,096	Virginia.....	4,007	1,827
South Atlantic.....	10,195	9,951	HARDWOOD FLOORING (24261)			West Virginia.....	2,808	1,172
Virginia.....	2,595	(Z)	United States, total....	154,197	148,373	North Carolina.....	19,019	11,569
North Carolina.....	2,981	3,161	Northeast.....	4,231	(3)	South Carolina.....	3,250	1,625
South Carolina.....	1,550	1,300	Pennsylvania.....	2,111	2,166	Georgia.....	2,028	2,282
Georgia.....	1,288	1,564	East North Central.....	10,106	11,764	Florida.....	1,663	(3)
			Michigan.....	4,392	5,331	East South Central.....	47,335	25,873
						Kentucky.....	8,368	5,362
						Tennessee.....	20,424	10,440
						Alabama.....	3,281	1,963
						Mississippi.....	15,262	8,108
						West South Central.....	21,256	13,487
						Arkansas.....	12,274	6,470
						Louisiana.....	5,309	4,353
						West.....	7,002	(3)
						Washington.....	3,047	2,690
						California.....	2,692	3,596

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported. n.e.c. Not elsewhere classified.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 24212, Missouri, Utah, and Nevada; 24217, Tennessee, Mississippi, Arkansas, Colorado, Arizona, Utah and Washington; 24218, Oregon; 24219, Washington; 24261, New Jersey, Illinois, Wisconsin, Maryland, West Virginia, Florida, and Texas; 24262, Texas.

²Includes an indeterminable amount of "Receipts for contract logging" reported as "Logs, bolts, and plywood, n.s.k.," product code 2411000.

³Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 6E. Production of Lumber, by Geographic Areas: 1963

Geographic area	Number of establishments ¹	Production (million bd. ft.)		
		Total	Softwood	Hardwood
United States, total.....	12,337	34,706	27,552	*7,154
East.....	10,419	14,391	7,416	6,975
Northeast.....	1,788	1,479	623	*856
New England.....	705	609	402	207
Maine.....	311	271	197	74
New Hampshire.....	120	121	94	27
Vermont.....	136	120	*60	60
Massachusetts.....	95	**74	(42)	*32
Connecticut.....	38	**22	8	**14
Middle Atlantic.....	1,083	870	221	*649
New York.....	291	*302	*82	*220
New Jersey.....	40	28	13	15
Pennsylvania.....	752	540	126	414
North Central.....	1,959	**1,676	*420	**1,256
East North Central.....	1,347	**1,173	*261	**912
Ohio.....	357	*283	51	**232
Indiana.....	240	(140)	*30	(110)
Illinois.....	136	**124	25	(99)
Michigan.....	315	*370	77	*293
Wisconsin.....	299	*256	78	**178
West North Central ²	612	**503	**159	**344
Minnesota.....	206	**158	(99)	**59
Iowa.....	84	*50	11	*39
Missouri.....	289	*270	44	*226
North Dakota.....	4	(25)	(5)	(20)
Nebraska.....	6			
Kansas.....	23			
South.....	6,672	11,236	6,373	4,863
South Atlantic.....	3,780	5,241	2,907	*2,334
Delaware.....	21	24	17	7
Maryland.....	157	160	63	97
Virginia.....	939	*1,184	557	627
West Virginia.....	373	**443	65	(378)
North Carolina.....	1,135	1,355	822	533
South Carolina.....	361	658	427	231
Georgia.....	622	1,143	768	375
Florida.....	172	274	188	86
East South Central.....	1,913	2,912	1,436	*1,476
Kentucky.....	402	*399	104	*295
Tennessee.....	653	*596	*160	**436
Alabama.....	511	1,078	730	348
Mississippi.....	347	839	442	397
West South Central.....	979	3,083	2,030	1,053
Arkansas.....	495	1,358	933	425
Louisiana.....	215	867	472	395
Oklahoma.....	47	**113	81	(32)
Texas.....	222	745	544	201
West.....	1,918	20,315	20,136	179
Mountain ²	605	3,791	3,752	39
Montana.....	164	1,175	1,166	9
Idaho.....	152	1,568	1,551	17
Wyoming.....	50	112	110	2
Colorado.....	113	204	197	7
New Mexico.....	52	223	221	2
Arizona.....	22	352	351	1
Utah.....	29	74	73	1
Nevada.....	3	33	33	-
South Dakota ²	20	50	50	-
Pacific.....	1,313	16,524	16,384	140
Washington.....	396	3,602	3,549	53
Oregon.....	538	7,818	7,748	70
California.....	352	5,012	4,995	17
Alaska.....	27	92	92	-
Hawaii.....				

Note on Sampling Variations: The data shown above, for all Eastern States, are based in part on a representative sample of sawmills. Thus, totals reported for lumber production are estimates which may vary from the figures which would be obtained from a complete census. Sampling variations have been computed for all States and divisions affected. These standard errors, expressed in percent, show that the chances are approximately two out of three: that the unstarred figures do not vary from the true figures by more than 5 percent; the one-starred figures do not vary by more than 10 percent; and the two-starred figures do not vary by more than 15 percent. Figures with standard errors of more than 15 percent are shown in parentheses.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹This tally of number of establishments covers the production of only one mill on most establishment reports. However, 278 of these establishments reported production for 2 mills, 47 for 3, 6 for 4, 6 for 5, and 2 for more than 6 mills. Only the number of establishments reporting production of rough lumber in the census of manufactures is included in this table. These figures do not include estimates of small mills enumerated in the area canvass of operators that do not maintain an account with the Social Security Administration because that sample is not designed to yield a reliable estimate of mill count.

²South Dakota is included with the Mountain Division because its production is limited to western species.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
081111 970099 976000	Materials, containers, and supplies, total.....		(X)	396,190	(X)	333,421
	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer, plywood or other wood products...		(X)	171,981	(X)	156,833
	All other materials and components, parts, containers, and supplies		(X)	62,417	(X)	76,840
	All other materials and components, parts, containers, and supplies, n.s.k.....		(X)	161,792	(X)	99,748
	INDUSTRY 2421.—SAWMILLS AND PLANING MILLS					
081111 241108	Materials, parts, and supplies, total.....		(X)	1,430,122	(X)	1,406,852
	Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer, plywood or other wood products....		(X)	336,196	(X)	298,934
	Logs, bolts and unsliced flitches: Quantity reported.....	1,000 ft. (log scale)....	15,061,584 (X)	520,583 (X)	12,883,757 (X)	501,395 20,154
	Quantity not reported.....					
	Rough lumber: Hardwood: Quantity reported..... Quantity not reported.....	1,000 bd. ft....	619,991 (X)	31,961 (X)	471,378 (X)	27,980 3,587
242118 242111	Softwood: Quantity reported..... Quantity not reported.....	1,000 bd. ft....	2,485,176 (X)	149,807 (X)	2,626,484 (X)	148,710 2,697
	Rough lumber, hardwood and softwood: Quantity reported..... Quantity not reported.....	1,000 bd. ft....	483,240 (X)	17,712 2,943	1,045,620 (X)	59,322 8,925
	Dressed lumber: Hardwood.....	1,000 bd. ft....	39,568	3,811	(X)	1,794
	Softwood: Quantity reported..... Quantity not reported.....	do.....	628,963 (X)	41,407 (X)	285,078 (X)	20,946 1,463
	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	146,509	(X)	168,883
973000	All other materials, parts, and supplies consumed, including materials, etc., n.s.k.....		(X)	179,193	(X)	142,062
INDUSTRY 2426.—HARDWOOD DIMENSION AND FLOORING						
081111 241108 242110 242118	Materials, containers, and supplies, total.....		(X)	170,867	(X)	132,824
	Cost of stumpage cut (excluding land value), etc.....		(X)	2,105	(X)	3,113
	Logs, bolts and unsliced flitches.....	1,000 ft.....	320,137	16,818	243,427	12,129
	Rough lumber: Hardwood.....	1,000 bd. ft....	1,232,497	98,340	102,704	77,801
	Softwood: Quantity reported..... Quantity not reported.....	do..... do.....	63,361	3,572	42,185 (X)	2,091 624
Dressed lumber: Hardwood.....	1,000 bd. ft....	29,165			3,568	33,101
242128 970099 976000	Softwood.....	do.....	4,707	484	(NA)	624
	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	23,144	(X)	21,697
	All other materials and components, parts, containers, and supplies consumed, n.s.k.....		(X)	122,836	(X)	11,776
	INDUSTRY 2429.—SPECIAL PRODUCT SAWMILLS, N.E.C.					
	081111 241108	Materials, parts, and supplies, total.....		(X)	47,165	(X)	45,341
Cost of stumpage cut (excluding land value) for use in the manufacture of logs, lumber, veneer plywood or other wood products....			(X)	3,728	(X)	1,681
Logs, bolts and unsliced flitches: Quantity reported.....		1,000 ft. (log scale)....	349,399 (X)	15,083 5,053	358,269 (X)	17,443 3,078
Quantity not reported.....						
All other materials, components, parts, containers, and supplies, consumed, n.e.c.....			(X)	13,462	(X)	16,317
976000	All other materials, components, parts, containers, and supplies consumed, n.s.k.....		(X)	19,839	(X)	6,822

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed, and Horsepower Rating of Power Equipment: 1962

Item	Logging camps and contractors (SIC 2411)	Sawmills and planing mills (SIC 2421)	Hardwood dimension and flooring (SIC 2426)
Total cost of purchased fuels and electric energy.....\$1,000..	30,009	67,639	3,848
Total cost of purchased fuels.....do....	27,109	38,181	1,239
Bituminous coal, lignite, and anthracite:			
Quantity.....1,000 short tons..	(S)	44	10
Cost.....\$1,000..	(S)	319	82
Coke and breeze:			
Quantity.....1,000 short tons..	-	(S)	-
cost.....\$1,000..	-	(S)	-
Fuel oil (distillate and residual):			
Quantity.....1,000 barrels of 42 gallons..	894	1,868	(S)
Cost.....\$1,000..	4,765	8,945	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):			
Quantity.....million cu.ft..	2,679	7,014	564
Cost.....\$1,000..	1,396	3,006	270
Other fuels.....do....	20,873	25,899	694
Electric energy:			
Purchased:			
Quantity.....million kw.-hrs..	193	2,115	148
Cost.....\$1,000..	2,900	29,458	2,609
Generated less sold.....million kw.-hrs..	24	917	89
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	1,060	3,856	219
Prime movers, total.....do....	854	1,799	74
Driving generators.....do....	66	674	44
Not driving generators.....do....	788	1,125	30
Electric motors, total.....do....	229	2,418	175
Driven by purchased energy.....do....	206	2,057	144
Driven by energy generated at establishment.....do....	23	362	31
Aggregate horsepower per 100 production workers.....	1,673	2,000	968

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2411-	LOGGING CAMPS AND CONTRACTORS										
	Entire industry.....	13,588	73,130	281,845	65,790	122,505	254,122	520,457	630,182	1,154,693	95,602
	Establishments with--										
	90% or more specialization..	13,036	69,669	207,606	62,715	113,698	243,994	498,601	604,928	1,106,715	92,594
	75-89% specialization.....	121	749	2,215	673	1,367	2,027	4,236	7,185	11,461	939
24119	Receipts for contract logging (primary product class of estab.)	3,289	23,360	104,333	21,148	39,551	96,411	199,820	131,894	332,818	34,890
	Establishments with--										
	90% or more specialization...	3,013	21,267	95,458	19,229	35,983	88,267	182,936	119,949	303,820	31,779
	75-89% specialization.....	117	719	3,542	656	1,266	3,307	6,938	5,325	12,332	1,413
2421-	SAWMILLS AND PLANING MILLS										
	Entire industry.....	12,189	207,365	811,638	186,616	364,250	701,691	1,376,080	1,779,308	3,156,345	172,471
	Establishments with--										
	90% or more specialization..	10,938	138,529	514,061	124,471	239,991	447,594	892,619	1,184,220	2,084,213	121,826
	75-89% specialization.....	603	34,542	146,703	31,163	61,315	125,220	230,267	308,001	535,757	23,520
24211	Rough lumber (primary product class of estab.).....	5,252	61,634	195,079	54,848	105,406	168,874	337,749	435,036	775,510	34,271
	Establishments with--										
	90% or more specialization....	4,015	41,484	125,592	36,823	69,480	109,155	217,407	276,765	496,498	23,915
	75-89% specialization.....	483	7,617	25,186	6,842	13,530	21,986	45,154	59,850	104,394	3,848
24212	Dressed lumber (primary product class of estab.).....	1,637	110,678	508,482	100,084	200,136	437,451	850,088	1,143,555	1,993,412	103,122
	Establishments with--										
	90% or more specialization....	820	34,234	154,970	31,132	61,457	135,423	277,543	413,674	690,646	44,130
	75-89% specialization.....	380	29,417	134,572	26,667	52,699	115,102	217,404	309,481	528,780	19,694
24217	Softwood cut stock (primary product class of estab.).....	134	4,443	18,160	3,992	8,150	15,253	33,244	52,033	84,662	2,192
	Establishments with--										
	90% or more specialization....	87	1,686	6,462	1,515	2,851	5,597	12,276	23,656	36,033	970
	75-89% specialization.....	13	378	1,200	322	630	975	2,172	3,793	5,851	192
24218	Softwood flooring and other general sawmill and planing mill productions, n.e.c. (primary product class of estab.).....	388	2,952	9,134	2,564	4,563	7,760	18,514	21,714	40,011	2,842
	Establishments with--										
	90% or more specialization....	285	2,013	5,785	1,749	3,105	4,947	11,243	13,641	24,826	2,051
	75-89% specialization.....	37	373	1,381	321	592	1,187	2,556	3,306	5,868	366
24219	Receipts for contract and custom sawing of logs owned by others (primary product class of estab.)	911	6,335	20,608	5,648	10,550	18,227	32,911	17,486	50,748	4,184
	Establishments with--										
	90% or more specialization...	769	5,062	16,461	4,497	8,314	14,465	25,103	12,334	37,751	3,184
	75-89% specialization.....	41	408	1,573	364	686	1,392	2,636	1,934	4,744	303
2426-	SPECIAL PRODUCT SAWMILLS, N.E.C.										
	Entire industry.....	642	28,128	98,882	25,433	52,944	81,735	155,083	189,404	345,227	7,106
	Establishments with--										
	90% or more specialization..	517	17,414	60,322	15,706	32,449	49,793	92,904	115,619	209,087	4,593
	75-89% specialization.....	54	4,032	13,471	3,728	7,831	11,334	21,327	26,976	47,954	927
24261	Hardwood flooring (primary product class of estab.).....	119	14,167	48,640	12,988	27,688	40,702	77,219	111,627	190,462	2,776
	Establishments with--										
	90% or more specialization....	63	5,411	18,445	4,937	10,524	15,268	28,813	47,149	77,434	1,311
	75-89% specialization.....	20	1,968	6,106	1,818	3,875	5,261	10,268	13,246	23,232	359
24262	Hardwood dimension stock, furniture parts and vehicle stock (primary product class of estab.)	405	12,997	47,584	11,601	23,591	38,742	73,613	73,185	145,910	3,989
	Establishments with--										
	90% or more specialization...	326	9,415	33,231	8,438	17,136	27,260	50,719	51,867	101,759	2,854
	75-89% specialization.....	28	1,312	4,775	1,201	2,511	3,978	7,039	7,455	14,274	360

n.e.c. Not elsewhere classified.

MILLWORK, PLYWOOD, AND PREFABRICATED STRUCTURAL WOOD PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2431—Millwork Plants

2432—Veneer and Plywood Plants

2433—Prefabricated Wooden Buildings and Structural Members

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2431—MILLWORK PLANTS

This industry comprises establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry but planing mills primarily producing standard workings or patterns of lumber are classified in industry 2421, Sawmills and Planing Mills. For a detailed list of products of industry 2431, refer to table 6A, product codes 2431133 to 2431879.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of Millwork Plants totaled \$1,271 million. This amount included shipments of millwork products (primary products) valued at \$1,060 million, shipments of other products (secondary products) valued at \$75 million, and miscellaneous receipts (mainly resales of products manufactured by others), at \$136 million.

This industry's shipments of millwork products represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of hardwood plywood (\$14 million), wood household furniture, not upholstered (\$13 million), softwood cut stock (\$6 million), and metal doors, sash and trim (\$6 million).

Shipments of millwork products by this industry represented 93 percent of all shipments of these products (\$1,142 million) by all industries. In 1958 the coverage ratio was 92 percent. Other industries shipping millwork products (primary products) consisted mainly of industry 2421, Sawmills and Planing Mills, \$34 million; and industry 2511, Wood Furniture, Not Upholstered, \$4 million.

The production index for the primary products of the industry increased to 130 in 1963 from the 1958 level of 104. The unit value index for 1963 was 100 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2432--VENEER AND PLYWOOD PLANTS

This industry comprises establishments primarily engaged in the manufacture of commercial veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, including nonwood backed or faced veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in manufacturing prefinished plywood from purchased plywood are also classified in this industry.

Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products, such as fruit and vegetable baskets, are classified in industry 2443, Veneer and Plywood Containers; and wood boxes in industries 2441, Nailed Wooden Boxes and Shook, and 2442, Wirebound Boxes and Crates. For a detailed list of products of industry 2432, refer to table 6A, product codes 2432110 to 2432631.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of Veneer and Plywood Plants totaled \$1,339 million. This amount included shipments of veneer and plywood (primary products) valued at \$1,194 million, shipments of other products (secondary products) valued at \$107 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$38 million.

This industry's shipments of veneer and plywood represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was also 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of dressed lumber (\$32 million), wood products, n.e.c. (\$13 million), rough lumber and sawed ties (\$12 million), logs, bolts and pulpwood (\$11 million), and special sawmill products, n.e.c. (\$8 million).

Shipments of veneer and plywood by this industry represented 94 percent of all shipments of these products (\$1,276 million) by all industries. In 1958 the coverage ratio was 95 percent. Other industries shipping veneer and plywood (primary products) consisted mainly of industry 2431, Millwork Plants, \$14 million; and industry 2421, Sawmills and Planing Mills, \$56 million.

The production index for the primary products of the industry increased to 224 in 1963 from the 1958 level of 137. The unit value index for 1963 was 89 compared to 96 in 1958. Both indexes were computed on a basis of 1954 = 100.

2433--PREFABRICATED WOODEN BUILDINGS AND STRUCTURAL MEMBERS

This industry comprises establishments primarily engaged in manufacturing prefabricated wooden buildings, sections, and panels; or in producing laminated or fabricated trusses, arches, and other structural members of lumber. Prefabrication on the site of construction is not included in this industry. For a detailed list of products of industry 2433, refer to table 6A, product codes 2433122 to 2433298.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Prefabricated Wood Products Industry totaled \$403 million. This amount included shipments of prefabricated wood products (primary products) valued at \$363 million, shipments of other products (secondary products) valued at \$6 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$34 million.

This industry's shipments of prefabricated wood products represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was also 98 percent. Secondary products shipped by this industry in 1963 consisted mainly of dressed lumber (\$1 million).

Shipments of prefabricated wood products by this industry represented 96 percent of all shipments of these products (\$380 million) by all industries. In 1958 the coverage ratio was 98 percent. Another industry shipping prefabricated wood products (primary products) was industry 2431, Millwork Plants, \$4 million.

The production index for the primary products of the industry increased to 128 in 1963 from the 1958 level of 126. The unit value index was 102 for 1963 and 1958. Both indexes were computed on a basis of 1954 = 100.

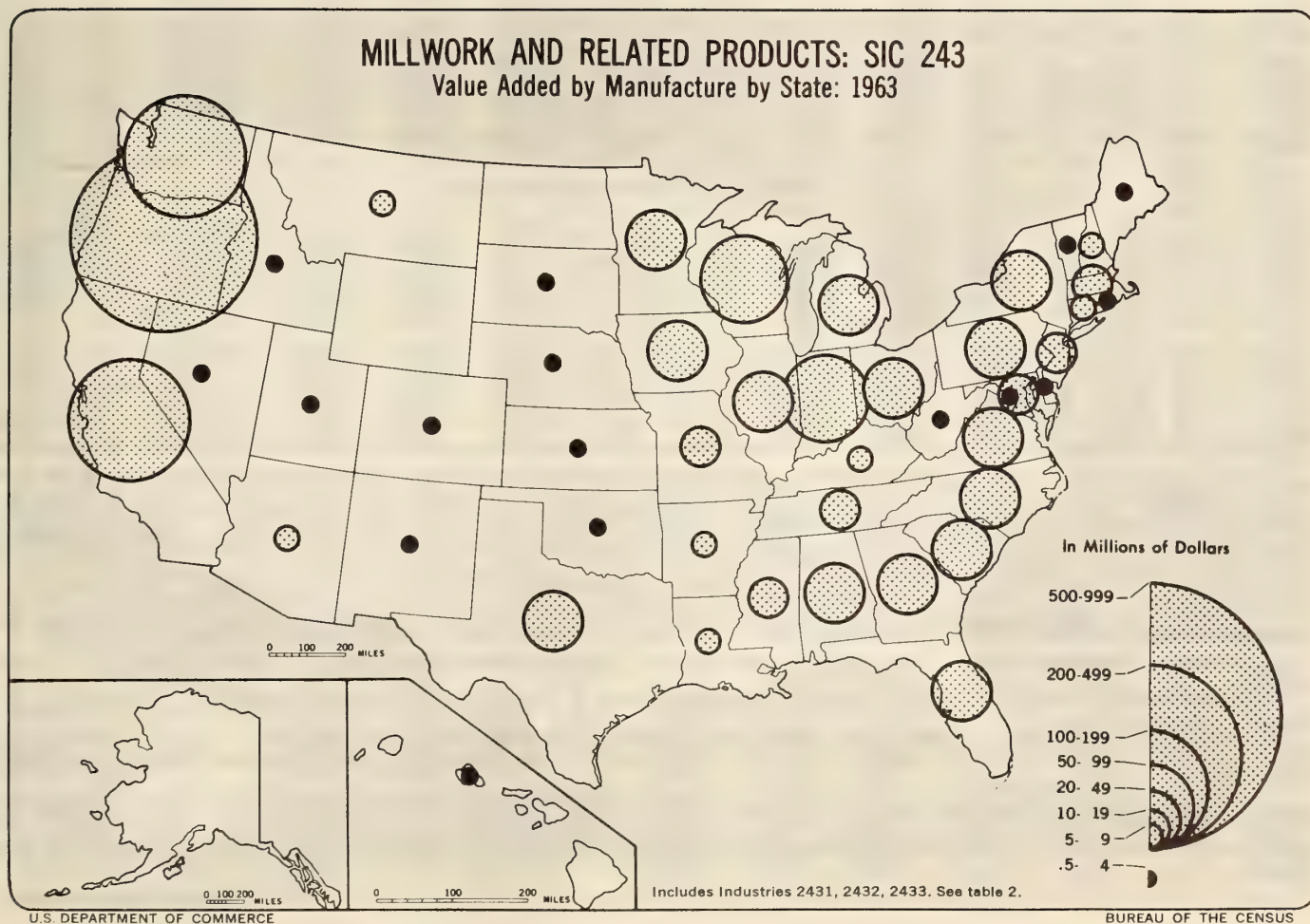


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2431.—MILLWORK PLANTS ¹														
1963.....	3,730	3,770	748	65,283	320,817	53,519	106,215	240,702	524,041	749,741	1,270,613	20,935	95	93
1962 ²	(NA)	(NA)	(NA)	58,979	276,030	50,953	100,321	200,268	424,788	672,883	1,094,494	16,193	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	58,531	266,703	50,448	99,727	194,466	400,869	644,206	1,045,608	12,717	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	60,297	269,953	52,110	99,857	196,115	395,175	661,454	1,066,346	11,641	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	65,125	290,215	57,015	109,821	214,256	441,933	720,715	1,161,186	(15,098)	(NA)	(NA)
1958 (new SIC)	3,112	3,163	713	61,962	267,997	50,309	98,542	196,922	412,548	639,290	1,049,571	16,878	92	92
1958 (old SIC)	(NA)	3,021	713	61,441	267,051	49,776	97,496	195,733	410,623	632,032	1,040,573	16,312	92	92
1957 ²	(NA)	(NA)	(NA)	69,047	281,315	54,926	106,181	200,794	419,704	529,170	916,191	12,062	93	92
1956 ²	(NA)	(NA)	(NA)	71,540	289,444	57,558	114,093	208,577	444,611	566,845	979,317	14,645	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	73,846	287,027	60,631	121,326	211,470	454,347	597,550	1,010,846	17,956	(NA)	(NA)
1954.....	3,317	3,348	731	68,668	258,198	55,700	113,488	188,156	408,471	608,540	1,011,259	13,737	90	91
1953 ²	(NA)	(NA)	(NA)	70,282	263,683	58,799	120,477	201,070	387,971	474,392	862,363	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	69,417	253,754	58,087	120,714	191,746	380,750	459,604	840,361	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	73,010	254,669	62,157	127,452	195,285	399,656	486,723	816,379	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	74,052	234,497	62,234	127,765	178,487	370,215	435,521	805,736	(NA)	(NA)	(NA)
1949 ²	(NA)	(NA)	(NA)	62,542	189,350	52,506	111,037	142,491	272,367	319,421	591,788	(NA)	(NA)	(NA)
1947.....	2,276	2,381	(NA)	59,783	162,050	51,901	106,647	128,695	266,452	279,730	546,182	(NA)	(NA)	(NA)
1939.....	(NA)	2,260	(NA)	(NA)	(NA)	41,532	(NA)	47,282	103,380	113,660	217,040	(NA)	(NA)	(NA)
INDUSTRY 2432.—VENEER AND PLYWOOD PLANTS														
1963.....	532	641	503	66,155	324,746	60,455	124,900	281,321	559,211	788,068	1,339,630	41,887	92	94
1962 ²	(NA)	(NA)	(NA)	68,037	311,704	60,633	126,231	266,465	492,019	779,527	1,269,205	24,255	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	63,943	280,026	56,941	116,440	238,124	438,409	692,592	1,117,221	(18,639)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	65,500	276,131	58,132	117,315	235,438	408,312	668,059	1,067,049	31,923	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	67,154	292,199	60,157	126,292	251,848	490,534	685,834	1,166,158	38,274	(NA)	(NA)
1958.....	513	588	450	59,346	240,821	54,092	108,437	207,645	390,131	503,545	884,111	24,954	92	95
1957 ²	(NA)	(NA)	(NA)	54,934	204,156	50,546	98,932	176,727	303,848	399,059	704,858	(NA)	(NA)	(NA)
1956 ²	(NA)	(NA)	(NA)	58,681	255,817	54,141	109,572	195,726	347,790	427,980	769,661	(NA)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	59,105	229,614	54,769	113,172	201,067	401,905	423,510	617,386	21,523	(NA)	(NA)
1954.....	(NA)	516	434	52,026	187,754	47,896	97,409	162,404	303,713	347,914	654,541	14,339	93	93
1953 ²	(NA)	(NA)	(NA)	53,399	184,352	49,577	102,692	159,447	286,476	335,044	591,520	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	47,878	168,956	44,430	92,988	146,980	247,032	281,681	528,713	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	49,454	166,836	45,958	96,945	145,580	288,653	275,067	563,720	(NA)	(NA)	(NA)
1947.....	(NA)	319	(NA)	37,950	94,224	35,047	74,992	81,451	186,083	153,419	339,482	(NA)	(NA)	(NA)
1939.....	(NA)	237	(NA)	(NA)	(NA)	20,938	(NA)	18,145	38,531	31,193	69,724	(NA)	(NA)	(NA)
INDUSTRY 2433.—PREFABRICATED WOOD PRODUCTS														
1963.....	528	559	203	15,806	81,079	11,595	22,485	50,174	156,593	249,485	403,309	7,741	98	96
1962 ²	(NA)	(NA)	(NA)	13,078	69,100	9,324	18,872	39,780	120,798	218,659	339,280	4,072	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	14,040	72,367	9,938	19,560	41,634	126,376	211,615	338,273	6,702	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	14,970	69,749	9,831	18,646	40,608	129,363	213,860	344,890	6,465	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	15,085	72,585	11,017	21,505	45,224	128,704	240,689	368,877	6,496	(NA)	(NA)
1958.....	364	374	150	13,550	61,984	9,942	19,303	38,294	122,344	201,436	322,279	4,418	98	98
1957 ²	(NA)	(NA)	(NA)	10,703	48,504	7,963	15,895	28,195	93,146	(NA)	246,946	(S)	95	97
1956 ²	(NA)	(NA)	(NA)	11,665	50,559	8,900	17,329	30,282	102,401	162,872	(NA)	(S)	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	12,928	52,196	10,401	19,101	32,837	105,730	175,058	(NA)	8,432	(NA)	(NA)
1954.....	222	231	111	11,547	45,905	9,216	(NA)	29,125	90,529	154,861	245,457	(NA)	99	95
1947.....	(NA)	206	122	10,075	27,879	8,381	(NA)	20,384	38,695	64,616	103,311	(NA)	93	96
1939.....	(NA)	48	(NA)	(NA)	(NA)	1,748	(NA)	1,500	3,627	5,171	8,798	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification (SIC). Figures for 1957 and earlier years are on the old SIC definition of the industry. The details of these revisions are described in Volume II, Industry Statistics, 1958 Census of Manufactures.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. Figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2431.—MILLWORK PLANTS													
Total.....	3,770	748	65,283	320,817	53,519	106,215	240,702	524,041	749,741	1,270,613	20,935	61,962	412,548
New England.....	235	45	2,950	14,106	2,296	4,487	9,824	21,696	25,946	47,414	910	3,007	18,807
New Hampshire...	20	9	602	2,498	478	955	1,788	3,614	6,084	9,382	179	(²)	(²)
Massachusetts...	113	23	1,357	6,600	1,065	2,044	4,460	10,901	12,349	23,265	396	1,192	7,862
Rhode Island....	16	3	183	904	132	260	634	1,423	710	2,056	32	176	981
Connecticut.....	57	6	585	3,161	442	864	2,242	4,541	4,945	9,553	284	532	3,970
Middle Atlantic...	536	113	7,408	39,421	5,831	11,562	28,251	63,934	87,581	151,524	2,405	7,091	53,355
New York.....	268	51	3,391	19,924	2,628	5,152	14,133	30,718	41,181	71,597	1,056	3,273	26,647
New Jersey.....	116	21	1,645	8,348	1,311	2,641	5,996	13,772	19,662	33,497	540	1,398	11,313
Pennsylvania....	152	41	2,372	11,149	1,892	3,769	8,122	19,444	26,738	46,430	809	2,420	15,395
East North Central	664	128	14,062	70,076	11,481	23,291	51,861	114,647	162,350	277,241	4,764	13,668	89,132
Ohio.....	105	25	2,184	11,440	1,755	3,595	8,038	18,304	34,331	53,078	853	1,789	12,020
Indiana.....	77	9	1,184	5,536	958	1,904	4,091	10,802	17,543	28,269	443	982	6,988
Illinois.....	229	37	3,313	18,692	2,521	4,955	12,709	28,988	34,347	63,031	1,016	3,617	25,742
Michigan.....	134	22	1,755	8,897	1,407	2,763	6,438	17,019	24,143	41,061	1,055	1,965	13,656
Wisconsin.....	119	35	5,626	25,511	4,840	10,074	20,585	39,534	51,986	91,802	1,397	5,315	30,726
West North Central	248	49	6,361	32,034	5,044	9,612	23,121	54,775	67,917	121,864	2,129	8,105	61,786
Minnesota.....	89	19	2,631	14,090	2,004	3,482	9,642	26,402	33,182	59,203	1,118	2,706	28,060
Iowa.....	29	9	2,104	10,217	1,757	3,472	7,896	17,482	18,042	35,060	439	3,642	23,579
Missouri.....	62	8	698	3,314	549	1,083	2,414	5,040	7,494	12,414	252	902	5,178
Nebraska.....	21	6	383	2,038	300	681	1,455	3,005	4,562	7,556	86	(²)	(²)
Kansas.....	29	6	404	1,724	337	682	1,276	1,914	2,426	4,502	67	(²)	(²)
South Atlantic....	506	100	7,664	30,390	6,219	12,566	22,003	50,333	82,570	132,347	1,940	6,645	32,050
Maryland.....	41	14	986	5,078	737	1,600	3,369	8,817	11,041	19,850	256	871	5,227
District of Columbia.....	5	3	145	927	88	163	508	955	1,545	2,482	8	(²)	(²)
Virginia.....	53	14	1,453	5,209	1,173	2,440	3,672	9,004	15,284	23,937	331	1,417	6,721
North Carolina..	80	12	1,325	4,466	1,145	2,337	3,417	6,985	15,427	22,482	244	(²)	(²)
Georgia.....	69	14	823	3,141	664	1,323	2,193	4,981	7,364	12,352	308	(²)	(²)
Florida.....	201	32	2,059	8,565	1,658	3,319	6,491	14,390	18,265	32,502	523	1,669	8,560
East South Central	162	35	3,167	12,352	2,534	5,145	8,769	19,903	31,060	51,464	611	3,696	19,960
Alabama.....	59	13	1,016	3,744	750	1,564	2,455	6,457	12,323	19,096	212	982	5,540
Mississippi.....	22	5	724	2,526	643	1,274	2,117	3,909	6,053	10,083	116	1,062	4,949
West South Central	343	67	6,269	24,375	5,333	11,089	19,313	43,319	66,185	109,131	2,292	5,339	30,316
Arkansas.....	20	5	278	899	228	433	651	1,701	3,363	5,065	37	(²)	(²)
Louisiana.....	46	12	843	3,210	685	1,436	2,451	4,918	10,282	15,193	441	993	5,014
Oklahoma.....	40	5	368	1,590	281	542	1,139	2,222	3,190	5,447	102	(²)	(²)
Texas.....	237	45	4,780	18,676	4,139	8,678	15,072	34,478	49,350	83,426	1,712	3,423	21,194
Mountain.....	181	30	2,423	11,835	2,089	4,109	9,678	18,871	27,814	46,308	907	2,220	15,896
Montana.....	19	3	445	2,246	392	769	1,852	2,739	3,558	6,225	119	415	3,199
Idaho.....	20	2	241	1,120	216	431	930	1,689	3,084	4,716	85	(²)	(²)
Colorado.....	34	3	273	1,252	242	469	1,061	1,761	1,643	3,405	81	(²)	(²)
New Mexico.....	22	6	429	2,153	367	782	1,753	3,082	6,212	9,246	314	336	4,016
Arizona.....	45	9	607	3,133	500	952	2,498	5,671	8,479	14,090	157	(²)	(²)
Pacific.....	895	181	14,979	86,228	12,692	24,354	67,882	136,563	198,318	333,320	4,977	12,191	91,246
Washington.....	142	27	2,836	14,935	2,521	4,854	12,434	22,727	30,140	52,343	772	2,545	15,990
Oregon.....	102	34	2,946	15,035	2,610	4,966	12,417	23,409	39,246	61,994	828	2,653	20,767
California.....	636	117	8,920	54,830	7,349	14,097	41,953	88,085	126,496	214,169	3,346	6,993	54,489
Hawaii.....	15	3	277	1,428	212	437	1,078	2,342	2,436	4,814	31	(²)	(²)
INDUSTRY 2432.—VENEER AND PLYWOOD PLANTS													
Total.....	641	503	66,155	324,746	60,455	124,900	281,321	559,211	788,068	1,339,630	41,887	59,346	390,131
Northeast.....	14	9	1,705	6,769	1,610	3,667	6,061	12,407	15,918	28,075	559	2,048	9,820
Vermont.....	7	6	676	2,551	611	1,289	2,173	3,995	6,405	10,096	107	992	4,320
Middle Atlantic...	28	15	1,256	6,172	1,067	2,228	4,742	10,002	11,531	21,418	874	1,028	6,167
New York.....	14	7	661	3,630	561	1,171	2,793	5,552	6,146	11,649	203	770	5,037
New Jersey.....	6	3	175	650	164	317	605	931	1,533	2,452	64	(²)	(²)
Pennsylvania....	8	5	420	1,892	342	740	1,344	3,519	3,852	7,317	607	(²)	(²)
East North Central	73	55	6,716	31,008	5,881	13,270	24,016	56,281	78,087	133,361	2,623	6,592	40,859
Indiana.....	28	26	3,080	15,500	2,678	6,142	11,489	30,655	42,962	73,081	1,214	2,245	17,421
Michigan.....	11	6	535	2,522	451	981	1,861	3,725	6,427	9,769	90	227	1,544
Wisconsin.....	21	19	2,656	10,757	2,386	5,350	9,022	17,039	23,523	40,449	1,044	3,713	18,631

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2432.—VENEER AND PLYWOOD PLANTS--Continued													
West North Central	14	9	571	2,421	518	1,069	1,877	4,077	5,957	9,908	238	326	1,607
Minnesota.....	5	4	178	576	169	359	527	742	851	1,570	65	120	794
Missouri.....	4	3	296	1,497	259	517	1,054	2,714	4,504	7,204	166	(²)	(²)
South Atlantic....	171	142	12,512	40,469	11,646	24,070	34,273	68,525	87,601	154,338	4,459	12,072	49,184
West Virginia....	5	5	394	1,499	350	728	1,190	2,526	3,444	6,037	119	362	1,877
North Carolina..	76	63	4,590	14,766	4,299	8,842	12,726	24,888	30,768	54,829	1,376	4,485	18,174
South Carolina..	28	26	3,087	9,350	2,861	5,894	7,987	17,472	26,545	43,543	698	2,846	11,183
Georgia.....	24	20	2,178	7,007	2,044	4,193	5,930	11,423	11,489	22,499	502	2,274	8,607
Florida.....	14	9	681	2,214	630	1,332	1,795	2,810	4,522	7,324	875	766	2,824
East South Central	59	44	3,558	12,105	3,278	6,909	10,087	21,102	29,779	50,419	1,042	3,909	15,010
Tennessee.....	11	8	729	2,854	650	1,419	2,245	4,847	10,253	15,229	138	1,192	5,177
Alabama.....	24	19	1,266	3,830	1,206	2,582	3,521	7,017	6,049	12,922	377	1,308	4,245
West South Central	25	18	1,218	3,939	1,111	2,315	3,290	6,272	8,752	15,138	2,051	1,086	3,680
Arkansas.....	7	6	469	1,679	433	996	1,411	2,528	5,533	8,095	(D)	(²)	(²)
Louisiana.....	10	8	396	1,103	371	707	948	1,845	1,862	3,767	(D)	(²)	(²)
Texas.....	8	4	353	1,157	307	612	931	1,899	1,357	3,276	60	229	700
Mountain.....	8	7	838	4,432	773	1,636	3,872	6,244	11,859	18,153	831	159	1,018
Pacific.....	249	204	37,781	217,431	34,571	69,736	193,103	374,301	538,584	908,820	29,210	32,126	262,786
Washington.....	53	45	8,625	50,277	8,074	16,294	46,149	75,773	123,518	200,331	8,693	(²)	(²)
Oregon.....	148	125	24,131	137,869	21,933	44,123	121,588	249,960	345,068	591,043	17,980	18,910	166,370
California.....	48	34	5,025	29,285	4,564	9,319	25,366	48,568	69,998	117,446	2,537	(²)	(²)
INDUSTRY 2433.—PREFABRICATED WOOD PRODUCTS													
Total.....	559	203	15,806	81,079	11,595	22,485	50,174	156,593	249,485	403,309	7,741	13,550	122,344
Northeast.....	28	8	564	3,140	466	924	2,268	5,341	10,452	15,684	303	247	1,195
Massachusetts...	12	4	202	1,310	160	321	916	1,974	4,222	6,171	207	(²)	(²)
Middle Atlantic....	66	24	1,709	10,095	1,181	2,305	5,789	24,825	39,076	63,484	829	1,631	17,705
New York.....	31	11	744	4,187	576	1,115	2,782	7,893	12,668	20,426	274	647	5,789
New Jersey.....	11	2	173	909	122	229	604	1,660	3,164	4,841	75	(²)	(²)
Pennsylvania....	24	11	792	4,999	483	961	2,403	15,272	23,244	38,217	480	(²)	(²)
East North Central	145	57	5,033	27,632	3,510	6,752	16,114	49,516	84,949	134,275	2,166	5,345	51,755
Indiana.....	40	17	1,716	9,501	1,313	2,561	5,863	17,932	32,533	50,062	762	2,085	24,657
Michigan.....	35	6	579	3,249	408	741	1,940	5,895	7,139	12,942	380	486	3,543
Wisconsin.....	16	7	748	3,657	511	1,007	2,530	5,412	10,347	15,827	231	481	3,593
West North Central	40	19	1,011	5,482	736	1,486	3,552	12,685	15,836	27,599	675	1,057	10,461
Minnesota.....	12	6	370	1,813	267	512	1,161	5,215	5,709	10,860	139	520	4,523
Missouri.....	7	4	225	1,415	163	349	999	2,355	3,781	5,290	187	(²)	(²)
Nebraska.....	6	2	123	661	103	232	434	1,424	2,361	3,821	60	(²)	(²)
South Atlantic....	100	33	2,730	11,224	2,042	4,152	6,675	20,450	34,238	54,420	1,359	1,925	13,319
North Carolina..	7	3	160	618	114	275	295	908	2,494	3,442	140	(²)	(²)
Georgia.....	15	8	535	1,727	433	891	1,290	4,136	5,600	9,696	242	(²)	(²)
Florida.....	48	8	557	2,367	416	814	1,515	3,829	6,663	10,411	289	467	2,576
East South Central	17	9	976	3,846	757	1,359	2,451	9,412	14,251	23,632	290	760	4,350
Kentucky.....	4	3	153	751	106	221	407	1,421	2,094	3,501	22	(²)	(²)
Alabama.....	7	4	675	2,598	527	887	1,686	7,045	10,308	17,365	226	368	2,209
West South Central	45	16	1,160	4,804	891	1,772	3,138	8,321	14,502	22,777	417	777	6,693
Arkansas.....	8	4	344	1,021	296	649	952	2,175	3,595	5,837	(D)	(²)	(²)
Louisiana.....	5	2	155	660	131	235	473	887	1,208	2,131	(D)	(²)	(²)
Oklahoma.....	7	2	102	355	73	135	200	645	1,835	2,356	9	(²)	(²)
Texas.....	25	8	559	2,768	391	753	1,513	4,614	7,864	12,453	177	251	3,369

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2433.—PREFABRICATED WOOD PRODUCTS--Continued												
Mountain.....	33	9	473	2,254	351	681	1,612	3,476	7,199	10,687	410	177	1,182
Colorado.....	12	2	145	591	106	202	409	769	2,158	2,891	132	(²)	(²)
Pacific.....	85	28	2,150	12,602	1,661	3,054	8,575	22,567	28,982	50,751	1,287	1,631	15,684
Oregon.....	20	6	905	5,314	688	1,205	3,262	9,306	10,209	19,106	492	546	5,631
California.....	38	13	681	4,237	550	1,064	3,167	7,785	11,842	19,174	608	(²)	(²)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2431, Millwork Plants: New England—Maine, 22 (100-249); Vermont, 7 (20-99); West North Central—North Dakota, 7 (20-99); South Dakota, 11 (100-249); South Atlantic—Delaware, 4 (20-99); West Virginia, 7 (20-99); South Carolina, 46 (758); East South Central—Kentucky, 24 (448); Tennessee, 57 (979); Mountain—Wyoming, 5 (1-19); Utah, 26 (275); Nevada, 10 (100-249).

SIC 2432, Veneer and Plywood Plants: New England—Maine, 3 (250-499); New Hampshire, 2 (500-999); Connecticut, 2 (1-19); East North Central—Ohio, 5 (20-99); Illinois, 8 (346); West North Central—Iowa, 4 (20-99); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (1-19); Maryland, 1 (20-99); Virginia, 22 (1000-2499); East South Central—Kentucky, 7 (405); Mississippi, 17 (1158); Mountain—Montana, 5 (705); Idaho, 3 (133).

SIC 2433, Prefabricated Wood Products: New England—Maine, 1 (1-19); New Hampshire, 7 (100-249); Vermont, 1 (1-19); Connecticut, 7 (100-249); East North Central—Ohio, 35 (1455); Illinois, 19 (535); West North Central—Iowa, 9 (100-249); South Dakota, 2 (20-99); Kansas, 4 (20-99); South Atlantic—Delaware, 1 (20-99); Maryland, 12 (250-499); District of Columbia, 1 (1-19); Virginia, 12 (1000-2499); South Carolina, 4 (20-99); East South Central—Tennessee, 3 (20-99); Mississippi, 3 (102); Mountain—Montana, 3 (20-99); Idaho, 5 (20-99); Wyoming, 1 (20-99); New Mexico, 3 (20-99); Arizona, 3 (20-99); Utah, 4 (20-99); Nevada, 2 (20-99); Pacific—Washington, 25 (500-999); Alaska, 2 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Millwork plants (SIC 2431)	Veneer and plywood plants (SIC 2432)					Prefabricated wooden buildings and structural members (SIC 2433)
		Total	Producing veneer but not producing plywood (SIC 2432-11)	Producing plywood but not producing veneer (SIC 2432-12)	Producing both plywood and veneer (SIC 2432-13)	Not specified by type of operation* (SIC 2432-19)	
Primary product specialization ratio ¹.....	.95	.92	.93	.94	.91	.86	.98
Coverage ratio ².....	.93	.94	(X)	(X)	(X)	(X)	.96
Establishments, total.....	3,770	641	210	82	182	167	559
With 1 to 19 employees.....	3,022	138	14	8	4	112	356
With 20 to 99 employees.....	635	291	168	33	41	49	176
With 100 employees or more.....	113	212	28	41	137	6	27
Proprietors and working partners.....	2,666	149	(NA)	(NA)	(NA)	(NA)	161
All employees (average for the year).....	65,283	66,155	13,196	10,039	39,150	3,770	15,806
Payroll (all employees), total for year.....\$1,000..	320,817	324,746	56,642	50,357	200,440	17,307	81,079
Production workers:							
Average for the year.....	53,519	60,455	12,070	9,139	36,037	3,209	11,595
March.....	50,146	59,757	11,930	8,849	36,019	2,959	8,953
May.....	53,126	60,463	11,776	8,989	36,480	3,218	12,093
August.....	56,283	60,613	12,439	9,391	35,443	3,340	13,160
November.....	54,467	61,000	12,127	9,329	36,207	3,337	12,234
Man-hours.....1,000..	106,215	124,900	24,837	19,439	74,200	6,424	22,485
January-March.....	24,360	31,201	6,061	4,634	18,984	1,522	4,049
April-June.....	27,064	31,555	6,220	4,836	18,869	1,630	5,964
July-September.....	27,851	30,175	6,285	4,919	17,372	1,599	6,525
October-December.....	26,940	31,969	6,271	5,050	18,975	1,673	5,947
Wages.....\$1,000..	240,702	281,321	47,579	43,198	177,579	12,965	50,174
Cost of materials, etc., total.....	749,741	788,068	136,351	166,086	416,394	69,237	249,485
Materials, parts, containers, and supplies consumed.....	643,910	730,631	123,240	157,572	384,025	65,794	212,354
Cost of resales.....	92,331	22,095	4,477	2,252	13,911	1,455	23,300
Fuels consumed.....	2,344	7,688	1,116	2,092	4,116	364	1,100
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	383	919	136	122	637	25	62
Cost.....\$1,000..	6,895	10,350	1,970	1,488	6,437	455	1,112
Generated less sold.....million kw.-hrs..	12	93	(D)	(D)	77	(D)	(D)
Contract work.....\$1,000..	4,261	17,303	5,548	2,682	7,905	1,168	11,619
Value of shipments (including resales), total.....	1,270,613	1,339,630	241,566	249,494	747,541	101,029	403,309
Value of resales.....	122,767	24,685	5,356	2,478	14,640	2,211	27,610
Value added by manufacture, adjusted.....	524,041	559,211	105,737	84,785	334,494	34,195	156,593
Manufacturers' inventories:							
Beginning of year, total.....	183,590	139,816	27,362	17,804	81,997	12,653	44,080
Finished products.....	48,956	47,650	12,431	5,372	25,598	4,249	5,038
Work-in-process.....	42,466	25,898	2,581	5,336	14,481	3,500	7,597
Materials, supplies, fuel, etc.....	92,168	66,268	12,350	7,096	41,918	4,904	31,445
End of year, total.....	190,548	144,447	25,592	18,896	84,920	15,039	52,643
Finished products.....	50,508	50,268	13,239	5,492	26,721	4,816	6,640
Work-in-process.....	44,083	30,929	2,295	6,593	16,705	5,336	8,764
Materials, supplies, fuel, etc.....	95,957	63,250	10,058	6,811	41,494	4,887	37,239
Expenditures for plant and equipment, total.....	23,077	49,088	6,288	6,323	27,800	8,677	8,293
New, total.....	20,935	41,887	5,640	5,776	22,146	8,325	7,741
New structures and additions to plant.....	7,813	8,157	1,539	1,297	3,205	2,116	2,593
New machinery and equipment.....	13,122	33,730	4,101	4,479	18,941	6,209	5,148
Used plant and equipment.....	2,142	7,201	648	547	5,654	352	552
Selected operating ratios:							
Payroll/Total employment.....	4,914	4,909	4,292	5,016	5,120	4,591	5,130
Production workers/Total employment.....	.82	.91	.91	.91	.92	.85	.73
Man-hours/Production workers.....	2,035	2,066	2,058	2,127	2,059	2,002	1,957
Production worker wages/Man-hours.....	2.23	2.25	1.92	2.22	2.39	2.02	2.21
Cost of materials and payrolls/Total value of shipments.....	.84	.83	.80	.87	.83	.86	.82
Cost of materials/Total value of shipments.....	.59	.59	.56	.67	.56	.69	.62
Adjusted value added/Total employment.....	8,028	8,480	8,013	8,446	8,544	9,070	9,907
Salaries and wages/Adjusted value added.....	.61	.58	.54	.59	.60	.51	.52

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations.

*Consists largely of small establishments that were not requested to identify their type of operation. In addition, this subindustry includes establishments primarily engaged in prefinishing purchased plywood, and splicing purchased veneers.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2431.—MILLWORK PLANTS										
Establishments.....number..	3,770	1,869	603	550	463	172	87	19	6	1	-
All employees:											
Total.....do....	65,283	3,401	3,989	7,367	14,372	11,760	12,865	6,606	4,923	(D)	-
Payroll.....\$1,000..	320,817	15,411	20,344	37,593	73,050	59,382	61,726	28,386	24,925	(D)	-
Value added, adjusted.....do....	524,041	29,027	33,901	60,405	119,053	96,968	94,156	45,987	44,544	(D)	-
Value of shipments.....do....	1,270,613	67,648	73,854	135,123	290,718	251,404	251,683	98,348	101,835	(D)	-
Capital expenditures, new...do....	20,935	1,708	1,421	2,393	4,240	3,728	4,835	1,177	1,433	(D)	-
	INDUSTRY 2432.—VENEER AND PLYWOOD PLANTS										
Establishments.....number..	641	62	32	44	135	156	144	52	16	-	-
All employees:											
Total.....do....	66,155	105	216	632	4,757	11,260	22,410	16,671	10,104	-	-
Payroll.....\$1,000..	324,746	688	1,017	2,540	17,243	46,998	109,517	95,075	51,668	-	-
Value added, adjusted.....do....	559,211	1,945	1,723	4,832	30,160	89,072	188,978	150,224	92,277	-	-
Value of shipments.....do....	1,339,630	3,917	4,106	12,056	75,502	227,535	462,405	349,418	204,691	-	-
Capital expenditures, new...do....	41,887	15,906	185	1,273	2,767	4,407	10,620	10,399	6,330	-	-
	INDUSTRY 2433.—PREFABRICATED WOOD PRODUCTS										
Establishments.....number..	559	143	101	112	121	55	21	5	1	-	-
All employees:											
Total.....do....	15,806	293	688	1,568	3,691	3,698	3,196	2,672	(D)	-	-
Payroll.....\$1,000..	81,079	1,361	3,088	7,954	18,430	19,391	15,797	15,058	(D)	-	-
Value added, adjusted.....do....	156,593	2,821	5,111	17,072	32,705	38,392	30,062	30,430	(D)	-	-
Value of shipments.....do....	403,309	7,354	14,103	43,166	87,171	90,802	78,430	82,283	(D)	-	-
Capital expenditures, new...do....	7,741	324	629	1,068	2,190	1,420	1,144	966	(D)	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation which constitute \$2,000-\$5,000 thousand of the total for the size class.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
						Col. B Col. E (percent)				Col. B Col. F (percent)
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)	(\$1,000)	(\$1,000)	
		A	B	C	D	E	F	G	H	I
2431	Millwork plants.....1963..	1,270,613	1,060,241	74,675	135,697	95	1,141,921	1,060,241	81,680	93
	1958..	1,049,571	837,621	74,144	137,806	92	912,794	837,621	75,173	92
2432	Veneer and plywood plants.....1963..	1,339,630	1,194,068	107,271	38,291	92	1,275,796	1,194,068	81,728	94
	1958..	884,111	794,537	67,514	22,060	92	835,984	794,537	41,447	95
2433	Prefabricated wood products.....1963..	403,309	363,353	6,048	33,908	98	379,763	363,353	16,410	96
	1958..	322,279	287,314	7,372	27,593	98	294,427	287,314	7,113	98

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Product class code	Class of products and miscellaneous receipts	All industries	Millwork plants (SIC 2431)	Veneer and plywood plants (SIC 2432)	Prefabricated wood products (SIC 2433)	Sawmills and planing mills (SIC 2421)	Other industries
	Total shipments and receipts of the industry.....	(X)	1,270,613	1,339,630	403,309	(X)	(X)
243--	Millwork, veneer, plywood, and prefabricated structural wood products.	2,797,480	1,080,341	1,209,078	366,206	95,018	46,837
24311	Window units, wood.....	119,146	117,415	-	(D)	(D)	876
24312	Wood window sash, including combination screen and storm sash, excluding window screens and window units.....	40,407	39,312	-	(D)	(D)	971
24313	Window and door frames.....	68,525	59,619	-	(D)	7,808	(D)
24314	Doors, wood (panel and flush type) including doors shipped in door units.....	254,874	239,862	10,501	(D)	(D)	2,467
24315	Other wood doors, including garage, screen, storm and combination screen and storm, toilet and louver.....	127,915	120,439	(D)	(D)	716	16,083
24316	Finished wood mouldings, (including window and door trim).....	166,606	131,756	3,460	283	23,102	8,005
24317	Cabinet work, to be built in.....	149,647	143,946	-	236	509	24,956
24318	Other millwork products, including screens.....	89,397	85,223	-	228	539	3,407
24310	Millwork products, n.s.k.....	125,404	122,669	(D)	(D)	614	2,077
24321	Hardwood plywood.....	292,769	14,100	273,889	-	(D)	(D)
24322	Softwood plywood, interior type.....	415,273	(D)	383,708	-	31,114	(D)
24323	Softwood plywood, exterior type.....	225,218	-	216,030	-	9,188	-
24324	Nonwood face plywood and other plywood type products except particle board.....	81,573	(D)	78,338	-	(D)	2,324
24325	Hardwood veneer.....	122,233	(D)	117,630	-	3,911	(D)
24326	Softwood veneer.....	129,245	(D)	115,433	-	9,417	(3)
24320	Veneer and plywood, n.s.k.....	9,485	(D)	9,040	(D)	397	(D)
24331	Prefabricated structural framing and wood laminates; ready-cut wood buildings; and panels or sections for prefabricated buildings.....	365,465	4,454	(D)	349,378	(D)	6,177
24332	Prefabricated buildings, wood.....	14,298	-	-	(D)	-	(D)
24330	Prefabricated wooden buildings and structural members, n.s.k.....	(X)	54,575	92,261	3,195	(X)	(X)
	Other products.....	(X)	(D)	11,427	(D)	(X)	(X)
24110	Logs and bolts, pulpwood.....	(X)	(D)	12,129	(D)	(X)	(X)
2421-	Rough lumber and sawed ties.....	(X)	1,003	32,402	(D)	(X)	(X)
24212	Dressed lumber.....	(X)	5,217	(D)	950	(X)	(X)
24217	Softwood cut stock.....	(X)	6,358	(D)	(D)	(X)	(X)
2426-	Hardwood dimension and flooring.....	(X)	695	(D)	(D)	(X)	(X)
2429-	Special product sawmills, n.e.c.....	(X)	(D)	8,275	-	(X)	(X)
2441-	Nailed wooden boxes and shooks.....	(X)	4,796	(D)	-	(X)	(X)
2499-	Wood products, n.e.c.....	(X)	1,747	13,521	(D)	(X)	(X)
2511-	Wood household furniture, not upholstered.....	(X)	12,886	(D)	(D)	(X)	(X)
25410	Wood partitions, shelving, lockers, and office and store fixtures...	(X)	3,708	(D)	(D)	(X)	(X)
34294	Builders' hardware.....	(X)	2,899	(D)	-	(X)	(X)
3442-	Metal doors, sash and trim.....	(X)	5,580	(D)	-	(X)	(X)
	Other secondary products.....	(X)	9,602	10,921	1,868	(X)	(X)
	Miscellaneous receipts.....	(X)	135,697	38,291	33,908	(X)	(X)
9300	Contract and commission work.....	(X)	5,797	5,645	1,936	(X)	(X)
99980	Repair work.....	(X)	7,133	7,961	4,362	(X)	(X)
99989	Resales of products manufactured by others.....	(X)	122,767	24,685	27,610	(X)	(X)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(X) Not applicable.

¹Includes \$2 million shipped by industry 3442, Metal Doors, Sash, and Trim.

²Includes \$4 million shipped by industry 2511, Wood Furniture, Not Upholstered.

³Includes shipments amounting to more than \$2 million by industry 2411, Logging Camps and Contractors, but exact figures are withheld to avoid disclosing figures for individual companies.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2431- --	MILLWORK PRODUCTS, TOTAL.....	.....	(X)	1,141,921	(X)	912,794
24311 --	Window units, wood.....	.....	(X)	119,146	(X)	104,618
24311 33	Conventional double-hung.....	1,000.....	2,928	45,543	2,922	38,540
24311 35	All other, including awning and casement.....	..do.....	3,789	65,602	3,827	64,043
24311 00	Window units, wood, n.s.k.....	.....	(X)	8,001	(X)	2,035
24312 --	Wood window sash, including combination screen and storm sash, excluding window screens and window units.....	.....	(X)	40,407	(X)	54,474
	Sash, wood other than storm sash, (double-hung window counted as two sash; includes cellar and barn sash) sash shipped in window units are reported under window units:					
24312 11	Knock down.....	1,000.....	2,751	5,473	4,527	8,529
24312 13	Open.....	..do.....	4,183	7,425	5,313	9,771
24312 15	Glazed:					
	Quantity reported.....	..do.....	6,512	19,441	6,767	24,007
	Quantity not reported.....	.....	(X)	(X)	(X)	2,967
24312 65	Storm sash, wood including combination screen and storm sash:					
	Quantity reported.....	1,000.....	648	2,423	(X)	4,888
	Quantity not reported.....	.....	(X)	376	(X)	(X)
24312 00	Wood window sash, including combination screen and storm sash-excluding window screens and window units, n.s.k.....	.....	(X)	5,269	(X)	4,312
24313 11	Wood window and door frames (including cellar and barn window and door frames and door frames shipped in door units. Excludes window frames shipped in window units):					
	Quantity reported.....	1,000.....	12,263	59,899	(NA)	69,516
	Quantity not reported.....	.....	(X)	8,626	(X)	(X)
24314 --	Doors, wood (general construction) including doors shipped in door units ¹.....	.....	(X)	254,874	(X)	197,698
	General construction, interior and exterior (including those with glazed sections):					
	Panel type (including french doors):					
24314 11	Douglas fir.....	1,000.....	2,269	19,668	2,726	17,337
24314 13	Western pines.....	..do.....	1,634	18,496	1,951	21,877
24314 19	Other species:					
	Quantity reported.....	..do.....	555	6,473	123	1,344
	Quantity not reported.....	.....	(X)	1,182	(X)	(X)
	Flush type:					
	Hollow core:					
24314 31	Softwood faces ²	1,000.....	27,000	146,140	3,108	19,031
24314 33	Hardwood faces ².....	..do.....			14,904	90,547
24314 39	Nonwood faces ².....	..do.....			397	2,350
	Solid core:					
24314 43	Hardwood faces ².....	..do.....	2,901	44,750	1,385	25,984
24314 49	Softwood and nonwood faces ².....	..do.....			546	4,625
24314 00	Wood doors, general construction, n.s.k.....	.....	(X)	18,165	(X)	14,603
24315 --	Other wood doors, including garage, screen, storm, and combination screen and storm and toilet and louver.....	.....	(X)	127,915	(X)	88,215
24315 51	Combination screen and storm doors, wood.....	1,000.....	534	6,869	601	6,378
24315 61	Garage doors, wood.....	1,000 openings	1,170	59,909	907	48,585
24315 71	Screen doors, wood.....	1,000.....	1,320	6,905	1,697	9,152
24315 98	Other wood doors (including storm, summer, or louver, cabinet, toilet, grain, etc.).....	.....	(X)	45,993	(X)	24,100
24315 00	Other wood doors, n.s.k.....	.....	(X)	8,239	-	-
24316 --	Finished wood mouldings (including window and door trim, excluding picture frames).....	.....	(X)	166,606	(X)	148,084
24316 11	Softwood.....	1,000 bd. ft. lbr. cons....	532,363	124,873	466,853	108,701
24316 51	Hardwood:					
	Quantity reported.....	1,000 bd. ft. lbr. cons....	89,683	26,693	98,157	20,883
	Quantity not reported.....	.....	(X)	4,654	(X)	3,399
24316 00	Finished wood mouldings, n.s.k.....	.....	(X)	10,386	(X)	15,101

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers				
			1963		1958		
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	
2431- --	MILLWORK PRODUCTS--Continued						
24317 11	Cabinetwork, to be built in (such as kitchen cabinets, base units, broom closets, medicine cabinets, vegetable bins, mantels, china cases, etc., made on a custom basis to individual specifications)	.....	(X)	149,647	(X)	76,746	
24318 --	Other millwork products including window screens and architectural millwork.....	.....	(X)	89,397	(X)	49,279	
	Stairwork (includes treads, risers, balusters, brackets, crooks, newels, rails, etc.):						
24318 21	Softwood.....	.....	(X)	5,873	(X)	5,943	
24318 25	Hardwood.....	.....	(X)	12,382	(X)	6,535	
24318 31	Exterior millwork (includes porch columns, porch rails, and newels, trellises, shutters, etc.).....	.....	(X)	11,356	(X)	5,727	
24318 51	Exterior entrances.....	.....	(X)	1,446	(X)	2,185	
24318 79	Other architectural millwork products, including wood frame window screens.....	.....	(X)	42,927	(X)	34,173	
24318 00	Other millwork products, n.s.k.....	.....	(X)	15,413	(X)	24,716	
24310 00	Millwork products, n.s.k.....	.....	(X)	125,404	(X)	124,164	
			1963		1958		
			Production for all purposes (quantity)	Total shipments including interplant transfers		total shipments including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value ($1,000)
2432- --	VENEER AND PLYWOOD PRODUCTS, TOTAL.....	.....	(X)	(X)	1,275,796	(X)	835,984
24321 --	Hardwood plywood:						
	Total as reported in the census of manufactures.....	1,000 sq. ft. surf. meas...	1,711,589	1,661,839	292,769	(X)	182,583
	Total as reported in Current Industrial Reports M24F Hardwood Plywood: Production and Shipments, 1963 ⁴.....	...do.....	1,878,585	1,525,919	295,727	(NA)	(NA)
	Veneer core (excluding container and packaging type).....	...do.....	1,587,922	1,391,819	250,236	874,443	151,951
24321 10	Technical type and type I, waterproof.....	...do.....	38,978	25,983	7,446	30,669	8,489
24321 20	Type II, moisture resistant.....	...do.....	1,398,072	1,272,953	226,049	766,315	132,147
24321 30	Type III, dry bond.....	...do.....	150,872	92,883	16,741	77,459	11,315
24321 50	Other core (excluding container and packaging type).....	...do.....	166,886	68,027	41,332	50,818	24,367
24321 60	Container and packaging type.....	...do.....	123,777	66,073	4,159	69,935	4,217
24321 00	Hardwood plywood, n.s.k.....	.....	(X)	(X)	(X)	(X)	2,048
24322 --	Softwood plywood, interior type, total ⁵	1,000 sq. ft. 3/8" basis...	7,129,773	7,106,840	415,273	(NA)	320,766
24322 11	Douglas fir.....	...do.....	6,456,414	6,476,457	378,730	4,577,815	304,336
24322 98	Other softwood.....	...do.....	673,359	630,383	36,543	163,067	14,195
24322 00	Softwood plywood, interior type, n.s.k.....	...do.....	-	-	-	(X)	2,235
24323 --	Softwood plywood, exterior type, total ⁵.....	...do.....	3,120,851	3,153,802	225,218	1,514,458	126,712
24323 11	Douglas fir.....	...do.....	2,886,085	2,915,346	207,585	1,466,598	122,797
24323 98	Other softwood.....	...do.....	234,766	238,456	17,633	47,860	3,713
24323 00	Softwood plywood, exterior type, n.s.k.....	...do.....	-	-	-	(X)	202
24324 --	Nonwood face plywood and other plywood type products, except particleboard, total.....	.....	(X)	(X)	81,573	(X)	27,367
24324 11	Prefinished hardwood plywood made from purchased plywood:						
	Total as reported in census of manufactures.....	1,000 sq. ft. surf. meas...	(X)	276,420	38,129	(⁶)	(⁶)
	Total as reported in Current Industrial Reports M24F, Hardwood Plywood: Production and shipments, 1963.....	...do.....	(X)	274,179	37,604	(NA)	(NA)
	Other plywood type products (except particleboard) including two ply veneer and single ply veneer, backed and/or faced:						
24324 21	Hardwood base.....	...do.....	(X)	304,740	25,963	105,488	14,794
24324 23	Softwood base:						
	Quantity reported.....	...do.....	(X)	130,707	12,249	61,672	6,365
	Quantity not reported.....	.....	(X)	(X)	3,336	(X)	1,204
24324 00	Nonwood face plywood and other plywood type products, except particleboard, n.s.k.....	.....	(X)	(X)	1,896	(X)	5,004

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958 total shipments including interplant transfers	
			Production for all purposes (quantity)	Total shipments including interplant transfers		Quantity	Value (\$1,000)
				Quantity	Value (\$1,000)		
2432- --	VENEER AND PLYWOOD PRODUCTS--Continued						
24325 --	Hardwood veneer, total.....		(NA)	(NA)	122,233	(NA)	88,830
24325 11	Special and face types.....	1,000 sq. ft. surf. meas...	2,855,035	1,938,386	74,898	1,185,380	45,560
24325 31	Commercial and utility types.....	..do.....	2,616,851	1,641,170	33,970	1,412,904	30,640
24325 51	Container type.....	..do.....	626,633	471,821	8,127	568,047	8,480
24325 71	Flat type.....	..do.....	166,270	55,030	1,051	44,145	1,084
24325 00	Hardwood veneer, n.s.k.....	..do.....	(X)	(X)	4,187	(X)	3,066
24326 --	Softwood veneer, total ²	1,000 sq. ft. 1" basis.....	3,879,871	1,478,646	129,245	911,709	81,755
24326 11	Plywood veneer.....	..do.....	3,827,713	1,447,666	7126,038	890,008	79,631
24326 31	Container veneer.....	..do.....	52,158	30,980	3,207	21,701	2,124
24320 00	Veneer and plywood, n.s.k.....	..do.....	(X)	(X)	9,485	(X)	7,971
			Total shipments including interplant transfers				
			1963		1958		
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)	
2433- --	PREFABRICATED WOODEN BUILDINGS AND STRUCTURAL MEMBERS, TOTAL ⁸		(X)	379,763	(X)	294,427	
24331 22	Fabricated structural members and framing for bridges, buildings, and other structures, including marine laminates: Of glued laminated lumber: Quantity reported..... Quantity not reported.....	1,000 bd. ft..	85,674 (X)	27,266 (X)	47,845 (X)	13,197 2,703	
24331 24	Of sawn lumber: Quantity reported..... Quantity not reported.....	1,000 bd. ft..	25,016 (X)	2,295 (X)	54,732 (X)	4,664 1,093	
24331 29	Of a combination of glued laminated and sawn lumber: Quantity reported..... Quantity not reported.....	1,000 bd. ft..	47,070 (X)	12,736 (X)	84,121 (X)	17,394 4,458	
24331 32	Heavy timber decking (fabricated double tongue and groove-3" and 4" nominal thickness): Of glued laminated lumber.....	1,000 bd. ft..	928,565	93,252	{ (10) (10)	{ (10) (10)	{ (10) (10)
24331 34	Of sawn lumber.....	..do.....					
24331 71	Wood component parts, sections and panels (including walls, partitions, floors, ceilings, roof trusses, etc.) for prefabricated and precut buildings, all types, not sold as complete units.....	.....	(X)	45,712	(X)	2,805	
24331 41	Ready-cut (or precut) wood buildings fabricated in this establishment and sold as complete but unassembled units with the design under the control of the builder or this company (for assembly on the building site) and prefabricated wood buildings including portable types, partially or fully assembled in this establishment (away from the building site) and sold as complete units, with the design owned or under control of the company. ¹¹	.....				
24332 11	Dwellings ¹¹	Number.....	60,503	246,144	68,226	216,894	
24331 61	Other, including garages, farm buildings, etc. ¹¹.....	.....	(NA)	11,322	(NA)	9,537	
24332 98	Fabricated structural framing and wood laminates; ready-cut wood buildings and panels or sections for prefabricated and ready-cut building and prefabricated wooden buildings, n.s.k.....	.....	(X)	16,738	(X)	11,809	
24330 00	Prefabricated wood products, n.s.k.....	.....	(X)	14,298	(X)	9,873	

Source: Census of Manufacturers, except as noted for 1963.

- Represents zero. (NA) Not available. n.s.k. Not specified by kind.

(X) Not applicable.

¹¹Some manufacturers purchase doors made by others and add door frames to produce door units. Thus, an undetermined amount of duplication is included in the shipments of wood doors.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Footnotes for Table 6A—24B—Continued

- ²Combined because of misreporting by establishments producing doors faced with Philippine woods such as lauan. Doors faced with hard pressed wood fiber board (hardboard) are also included in these totals.
- ³Includes wood frame window screens only; in 1958, shipments of architectural millwork products were not reported separately.
- ⁴Similar information is available for this series in the intercensal years.
- ⁵Data for these products are available for the intercensal years in Current Industrial Reports, M24H, Softwood Plywood and Veneer.
- ⁶Shipments of prefinished hardwood plywood made from purchased plywood in 1958 were not reported separately. Shipments of prefinished hardwood plywood are reported for 1962 in Current Industrial Reports, M24F, Hardwood Plywood: Production and Shipments.
- ⁷Includes shipments of softwood veneer, n.s.k., amounting to less than \$500 thousand, withheld to avoid disclosing figures for individual companies.
- ⁸Does not include the shipments of establishments primarily engaged in the installation or sale of prefabricated dwellings or sections thereof; accordingly prefabricated dwellings or sections shipped by building contractors, erector-dealers and distributors of lumber millwork and other building materials are excluded from these totals.
- ⁹Combined to avoid disclosing figures for individual companies.
- ¹⁰Shipments of heavy timber decking were not reported separately in 1958.
- ¹¹These products have been combined due to extensive "crossing-over" in 1958 and 1963 caused by establishments reporting shipments of ready-cut buildings in one year and prefabricated buildings in the other year.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
243--	Millwork and related products.....1963..	158	95	2431-	Millwork plants—Continued		
	1958..	119	100	24316	Finished wood mouldings (including window and door trim).....1963..	119	103
2431-	Millwork plants ¹.....1963..	130	100		1958..	111	97
	1958..	104	102	2432-	Veneer and plywood plants ².....1963..	224	89
24311	Window units, wood.....1963..	105	123		1958..	137	96
	1958..	102	114	24321	Hardwood plywood.....1963..	163	125
24312	Wood window sash, including combination screen and storm sash, excluding window screen and window units.....1963..	60	101		1958..	107	117
	1958..	73	113	24322	Softwood plywood, interior type....1963..	230	71
24313	Wood window and door frames.....1963..	93	99		1958..	155	83
	1958..	89	103	24323	Softwood plywood, exterior type....1963..	347	74
24314	Doors, wood (panel and flush type), including doors shipped in door units.....1963..	153	88		1958..	168	87
	1958..	112	94	24325	Hardwood veneer.....1963..	131	116
24315	Other wood doors, including garage, screen, storm and combination screen and storm....1963..	137	99		1958..	98	113
	1958..	99	102	24326	Softwood veneer.....1963..	336	94
					1958..	208	96
				2433-	Prefabricated wood products.....1963..	128	102
					1958..	126	102

¹Adjusted to include products not included below such as cabinet work, to be built in (product class 24317) and millwork products not specified by kind.

²Adjusted to include nonwood face plywood and other plywood type products, except particle board (product class 24324), also minor amounts of veneer and plywood not specified by kind.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2431-	Millwork plants.....	1,141,921	958,295	912,356	939,812	1,027,202	912,794	850,854	525,137
24311	Window units, wood.....	119,146	115,420	113,641	115,555	130,589	104,618	89,524	94,500
24312	Wood window sash, including combination screen and storm sash, excluding window screens and window units.....	40,407	45,057	45,106	45,771	53,855	54,474	64,825	
24313	Window and door frames.....	68,525	71,123	64,178	73,563	83,408	69,516	76,329	59,777
24314	Doors, wood (panel and flush types) including doors shipped in door units.....	254,874	220,634	198,832	200,857	225,096	197,698	182,660	144,360
24315	Other wood doors, including garage, screen, storm, and combination screen, and storm toilet and louver.....	127,915	99,531	93,137	95,934	106,191	88,215	86,926	
24316	Finished wood mouldings (including window and door trim).....	166,606	142,902	140,642	144,774	160,726	148,084	131,766	69,870
24317	Cabinetwork, to be built in.....	149,647	101,554	94,559	88,480	92,405	76,746	84,856	247,213
24318	Other millwork products, including screens.	89,397	67,709	60,209	60,792	57,829	49,279	76,827	45,942
24310	Millwork products, n.s.k.....	125,404	(S)	(S)	(S)	(S)	124,164	57,141	63,475
2432-	Veneer and plywood plants.....	1,275,796	1,190,389	991,560	1,086,944	1,074,135	835,984	628,865	336,309
24321	Hardwood plywood.....	292,769	257,981	231,932	219,655	233,409	182,583	145,693	123,327
24322	Softwood plywood, interior type.....	415,273	381,304	356,116	341,194	378,412	320,766	247,841	78,334
24323	Softwood plywood, exterior type.....	225,218	167,599	156,165	143,960	163,174	126,712	87,266	51,792
24324	Nonwood face plywood and other plywood type products, except particle board.....	81,573	69,698	56,125	78,015	54,918	27,367	7,434	9,496
24325	Hardwood veneer.....	122,233	186,352	(S)	(S)	(S)	88,830	79,769	63,210
24326	Softwood veneer.....	129,245	122,497	(S)	(S)	(S)	81,755	40,913	8,749
24320	Veneer and plywood, n.s.k.....	9,485	(S)	(S)	(S)	(S)	7,971	19,949	1,401
2433-	Prefabricated wood products members.....	379,763	305,616	302,981	318,622	336,997	294,427	227,298	99,106
24331	Fabricated structural framing and wood laminates, ready-cut wood buildings; and panels or sections for prefabricated buildings.....	3365,465	94,263	97,772	115,110	111,440	105,274	53,210	26,111
24332	Prefabricated buildings, wood.....								
24330	Prefabricated wood products, n.s.k.....	14,298	(S)	(S)	(S)	(S)	9,873	-	72,995

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Shipments for this product class are not comparable for 1954 and 1947 because built-in cabinets were primary to industry 2511, Wood Household Furniture, in 1947.

³Shipments for these product classes have been combined because a considerable number of establishments that had consistently reported shipments of either prefabricated buildings (24322) or ready cut buildings (24331) prior to 1963 reported shipments in the other product class for 1963.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
WINDOW UNITS, WOOD (24311)			DOORS, WOOD (PANEL AND FLUSH TYPE) INCLUDING DOORS SHIPPED IN DOOR UNITS (24314)—Continued			FINISHED WOOD MOULDINGS (INCLUDING WINDOW AND DOOR TRIM) (24316)		
United States, total.....	119,146	104,618				United States, total....	166,606	148,084
New England.....	3,741	2,655	Middle Atlantic.....	22,337	16,342	New England.....	2,087	3,291
New Hampshire.....	1,211	(Z)	New York.....	8,576	5,279	Massachusetts.....	1,594	1,172
Massachusetts.....	1,877	1,618	New Jersey.....	5,368	2,732	Middle Atlantic.....	7,976	9,575
Middle Atlantic.....	14,950	13,333	Pennsylvania.....	8,393	8,331	New York.....	4,512	5,826
New York.....	6,215	4,755	East North Central.....	66,845	54,573	New Jersey.....	1,952	1,186
New Jersey.....	6,790	6,179	Ohio.....	6,017	3,077	Pennsylvania.....	1,512	2,563
Pennsylvania.....	1,945	2,399	Indiana.....	7,646	2,326	East North Central.....	12,799	14,645
East North Central.....	27,900	21,947	Illinois.....	3,343	2,185	Ohio.....	1,755	1,076
Ohio.....	10,402	10,299	Michigan.....	11,680	16,391	Indiana.....	1,756	1,319
Illinois.....	7,486	4,944	Wisconsin.....	38,159	30,594	Illinois.....	2,988	5,506
Wisconsin.....	7,126	4,421	West North Central.....	7,538	11,190	Michigan.....	1,693	1,956
West North Central.....	52,205	51,036	Minnesota.....	2,895	2,747	Wisconsin.....	4,607	4,788
Iowa.....	15,126	11,963	Iowa.....	3,244	7,268	West North Central.....	4,720	7,069
Missouri.....	2,332	2,064	South Atlantic.....	32,733	14,509	Minnesota.....	1,612	2,767
South Atlantic.....	7,582	6,362	Virginia.....	2,185	1,091	Missouri.....	1,395	1,344
Maryland.....	1,197	(Z)	North Carolina.....	8,360	7,264	South Atlantic.....	8,596	7,536
Virginia.....	4,162	3,622	South Carolina.....	11,484	(Z)	Maryland.....	465	(Z)
North Carolina.....	1,050	(Z)	Florida.....	5,790	3,779	Virginia.....	3,697	1,700
East South Central.....	4,676	2,987	East South Central.....	12,962	19,214	North Carolina.....	1,249	1,326
Alabama.....	2,455	2,042	Alabama.....	5,665	5,391	South Carolina.....	1,420	1,011
West South Central.....	1,473	2,469	Mississippi.....	6,985	(2)	East South Central.....	6,755	4,644
West.....	6,619	3,829	West South Central.....	23,613	15,664	Tennessee.....	5,096	2,406
Oregon.....	4,587	(2)	Louisiana.....	6,814	(Z)	West South Central.....	11,648	9,882
California.....	1,079	1,285	Texas.....	16,443	9,630	Arkansas.....	2,975	2,795
WINDOW AND DOOR FRAMES (24313)			Mountain.....	4,432	2,419	Texas.....	7,271	5,818
United States, total.....	68,525	69,516	Arizona.....	3,363	(2)	Mountain.....	23,572	16,538
New England.....	1,743	2,270	Pacific.....	80,838	59,787	Idaho.....	4,418	(2)
Middle Atlantic.....	3,234	4,247	Washington.....	22,870	22,273	New Mexico.....	5,979	5,116
New York.....	1,744	2,669	Oregon.....	13,885	15,721	Arizona.....	6,448	5,777
New Jersey.....	1,103	(Z)	California.....	43,830	21,793	Utah.....	1,419	(Z)
East North Central.....	11,586	10,910	OTHER WOOD DOORS, INCLUDING GARAGE, SCREEN, STORM, AND COMBINATION SCREEN AND STORM, TOILET, AND LOUVRE (24315)			Pacific.....	88,453	74,904
Ohio.....	1,654	(Z)	United States, total....	127,915	88,215	Oregon.....	23,564	22,196
Illinois.....	2,535	3,904	New England.....	4,396	2,955	California.....	56,424	46,489
Wisconsin.....	6,197	5,343	New Hampshire.....	2,845	2,259	CABINET WORK, TO BE BUILT IN (24317)		
West North Central.....	4,598	7,763	Middle Atlantic.....	23,632	17,693	United States, total....	149,647	76,746
Minnesota.....	2,273	1,545	New York.....	9,494	(2)	New England.....	5,752	4,988
South Atlantic.....	3,133	5,039	New Jersey.....	2,822	(2)	Massachusetts.....	3,340	1,922
Florida.....	1,026	2,502	Pennsylvania.....	11,316	7,755	Connecticut.....	1,597	2,042
East South Central.....	1,817	2,113	East North Central.....	43,058	28,009	Middle Atlantic.....	23,884	10,425
West South Central.....	7,719	6,910	Illinois.....	11,954	9,333	New York.....	10,482	4,824
Texas.....	5,131	4,729	Michigan.....	8,435	(Z)	New Jersey.....	4,127	2,036
Mountain.....	2,847	3,544	Wisconsin.....	9,812	8,673	Pennsylvania.....	9,275	3,565
Pacific.....	31,848	26,720	West North Central.....	9,227	8,660	East North Central.....	20,458	12,832
Washington.....	9,621	8,195	Iowa.....	7,860	6,541	Ohio.....	2,246	1,754
California.....	12,583	10,978	South Atlantic.....	9,676	6,518	Indiana.....	2,328	1,014
DOORS, WOOD (PANEL AND FLUSH TYPE) INCLUDING DOORS SHIPPED IN DOOR UNITS (24314)			Virginia.....	1,382	(2)	Illinois.....	8,589	4,305
United States, total.....	254,874	197,698	Florida.....	1,926	(Z)	Michigan.....	4,322	3,299
New England.....	3,576	4,000	East South Central.....	2,538	2,526	Wisconsin.....	2,973	2,460
Massachusetts.....	2,338	(Z)	West South Central.....	11,307	10,788	West North Central.....	6,475	(Z)
			Texas.....	10,474	9,102	Minnesota.....	2,175	(Z)
			Mountain.....	1,125	(Z)	Missouri.....	1,411	(Z)
			Pacific.....	22,956	10,801	South Atlantic.....	17,956	7,550
			Washington.....	5,684	3,139	Maryland.....	1,944	1,125
			California.....	11,872	3,927	Virginia.....	2,719	1,628
						North Carolina.....	1,849	1,701
						South Carolina.....	1,255	(Z)
						Georgia.....	2,826	(Z)
						Florida.....	7,140	2,324
						East South Central.....	5,211	(Z)
						Kentucky.....	1,791	(Z)
						Tennessee.....	2,219	(Z)

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
CABINET WORK, TO BE BUILT IN (24317)—Continued			HARDWOOD PLYWOOD (24321)—Continued			HARDWOOD VENEER (24325)—Continued		
West South Central.....	11,969	4,750	Pacific.....	84,706	36,817	West South Central.....	3,219	4,410
Oklahoma.....	1,328	(Z)	Washington.....	38,717	21,616	Louisiana.....	2,025	(Z)
Texas.....	10,026	3,192	Oregon.....	38,589	10,764			
Mountain.....	4,728	3,160	California.....	7,400	4,437	Pacific.....	2,709	1,722
Arizona.....	2,403	1,187	SOFTWOOD PLYWOOD, INTERIOR TYPE (24322)			Oregon.....	1,660	(Z)
Pacific.....	53,214	23,085	United States, total....	415,273	320,766	SOFTWOOD VENEER (24326)		
Washington.....	3,672	2,366	Pacific.....	396,860	317,115	United States, total..	129,245	81,755
California.....	47,101	19,892	Washington.....	66,545	62,109	Pacific.....	122,114	78,322
OTHER MILLWORK PRODUCTS, INCLUDING SCREENS (24318)	1963 ¹		Oregon.....	284,301	206,632	Washington.....	10,184	4,866
United States, total....		89,397	California.....	46,014	48,378	Oregon.....	89,695	53,645
New England.....		7,043	All other divisions.....	18,413	3,651	California.....	22,235	19,811
Massachusetts.....		3,318	Montana.....	14,251	(Z)	All other divisions.....	7,131	3,433
Connecticut.....		2,175	SOFTWOOD PLYWOOD, EXTERIOR TYPE (24323)			North Carolina.....	1,714	(Z)
Middle Atlantic.....		15,212	United States, total....	225,218	126,712	FABRICATED STRUCTURAL FRAMING AND WOOD LAMINATES; READY-CUT WOOD BUILDINGS; AND PANELS OR SECTIONS FOR PREFABRICATED BUILDINGS AND PREFABRICATED BUILDINGS, WOOD (24331 and 24332)	1963 ¹	
New York.....		8,697	Pacific.....	223,549	126,633	United States, total..		365,465
New Jersey.....		2,618	Washington.....	63,221	40,042	New England.....		13,700
Pennsylvania.....		3,897	Oregon.....	126,709	72,682	New Hampshire.....		2,303
East North Central.....		20,254	California.....	33,619	13,909	Massachusetts.....		5,546
Ohio.....		5,893	All other divisions.....	1,669	(Z)	Connecticut.....		5,460
Illinois.....		6,004	NONWOOD FACE PLYWOOD AND OTHER PLYWOOD TYPE PRODUCTS, EXCEPT PARTICLE BOARD (24324)	1963 ¹		Middle Atlantic.....		60,490
Michigan.....		4,156	United States, total....		81,573	New York.....		19,297
West North Central.....		6,511	New England.....		1,731	New Jersey.....		4,598
Minnesota.....		3,149	Middle Atlantic.....		6,340	Pennsylvania.....		36,595
Iowa.....		1,154	Pennsylvania.....		2,505	East North Central.....		116,900
South Atlantic.....		11,791	North Central.....		18,821	Ohio.....		31,744
Maryland.....		3,543	Indiana.....		8,769	Indiana.....		44,411
Virginia.....		2,081	Michigan.....		2,896	Illinois.....		14,398
Florida.....		2,787	South Atlantic.....		16,394	Michigan.....		11,632
East South Central.....		4,544	North Carolina.....		10,305	Wisconsin.....		14,715
Kentucky.....		1,050	East South Central.....		9,162	West North Central.....		24,578
Tennessee.....		2,878	West South Central.....		4,058	Minnesota.....		10,857
West South Central.....		7,794	Pacific.....		25,067	Iowa.....		5,612
Texas.....		6,179	Washington.....		10,261	Missouri.....		3,515
Mountain.....		1,866				Nebraska.....		3,430
Pacific.....		14,382	HARDWOOD VENEER (24325)			South Atlantic.....		49,081
Washington.....		1,996	United States, total....	122,233	88,830	Maryland.....		6,555
California.....		10,227	New England.....	4,031	2,115	Virginia.....		17,969
HARDWOOD PLYWOOD (24321)	1963 ¹	1958	Middle Atlantic.....	4,316	4,457	North Carolina.....		3,345
United States, total....	292,769	182,583	New York.....	1,771	3,216	Florida.....		10,217
New England.....	22,581	(Z)	East North Central.....	50,288	31,225	East South Central.....		21,166
Vermont.....	6,269	6,698	Indiana.....	33,720	18,960	Alabama.....		16,007
Middle Atlantic.....	9,691	(Z)	Michigan.....	3,186	2,673	West South Central.....		18,786
East North Central.....	56,494	(2)	Wisconsin.....	8,366	6,413	Arkansas.....		5,833
Indiana.....	21,478	14,274	West North Central.....	1,844	1,442	Texas.....		10,037
Wisconsin.....	33,469	24,967	South Atlantic.....	41,711	32,392	Mountain.....		11,274
West North Central.....	1,464	(2)	Virginia.....	9,951	6,596	Montana.....		1,553
South Atlantic.....	87,460	59,570	North Carolina.....	15,427	13,510	Idaho.....		4,301
Virginia.....	7,985	4,597	South Carolina.....	4,431	2,789	Colorado.....		1,999
North Carolina.....	29,430	21,485	Georgia.....	5,774	4,871	Utah.....		1,489
South Carolina.....	27,607	17,103	Florida.....	1,483	1,513	Pacific.....		49,490
Georgia.....	15,683	12,396	East South Central.....	14,115	11,067	Oregon.....		16,850
East South Central.....	20,175	16,420	Alabama.....	4,640	3,988	California.....		19,902
Alabama.....	6,315	4,678	Mississippi.....	3,628	2,748			
Mississippi.....	9,170	5,468						
West South Central.....	10,198	4,204						
Texas.....	5,379	(2)						

(Z) Less than \$1 million.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 24311, Michigan, Minnesota, Nebraska, Kentucky, and Tennessee; 24313, Iowa, Arkansas, Oklahoma, Montana, and Oregon; 24314, Maryland and Georgia; 24315, Massachusetts, Ohio, Indiana, Delaware, Maryland, Tennessee, and Oregon; 24316, Nevada and Washington; 24317, Oregon; 24318, Rhode Island, Wisconsin, District of Columbia, and Oregon; 24321, Maine, New Hampshire, New York, Pennsylvania, Illinois, Minnesota, West Virginia, Florida, Tennessee, and Arkansas; 24322, Idaho; 24323, Montana; 24324, New Hampshire, New York, Illinois, Missouri, South Carolina, Georgia, Kentucky, Tennessee, Arkansas, Louisiana, Oregon, and California; 24325, Vermont, Pennsylvania, Ohio, Illinois, Missouri, Maryland, West Virginia, Kentucky, and Tennessee; 24326, Montana and Idaho; 24331 and 24332, Delaware, Georgia, Kentucky, Mississippi, Louisiana, and Washington.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 6E. Selected Wood Doors—Quantity Shipped, by Geographic Areas: 1963

(Thousands of doors)

Geographic area	Wood doors, general construction, interior and exterior				
	Panel type			Flush type	
	Douglas fir	Western pine	Other species	Hollow core (Softwood, hardwood and nonwood faces*)	Solid core (Softwood, hardwood and nonwood faces*)
United States, total.....	2,269	1,634	555	27,000	2,901
Northeast.....	(Z)	224	(Z)	3,092	203
New England.....	(Z)	(Z)	(Z)	(¹)	(Z)
Middle Atlantic.....	(Z)	194	(Z)	(¹)	185
North Central.....	(Z)	999	(Z)	4,992	1,345
East North Central.....	(Z)	723	(Z)	4,614	1,289
West North Central.....	(Z)	276	(Z)	378	(Z)
South.....	111	271	(Z)	9,179	624
South Atlantic.....	(Z)	(Z)	(Z)	5,295	(¹)
East South Central.....	(Z)	(Z)	(Z)	889	(¹)
West South Central.....	(Z)	237	(Z)	2,995	168
West.....	2,031	139	372	9,737	729
Mountain.....	(Z)	(Z)	(Z)	476	(Z)
Pacific.....	2,029	133	(¹)	9,261	709

*Includes doors made from hard pressed wood fiberboard.

- Indicates zero.

(Z) Less than 100 thousand doors reported.

¹Shipments of more than 100 thousand doors were reported but exact figures are withheld to avoid disclosing figures for individual companies.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2431.—MILLWORK PLANTS			
	Materials, containers, and supplies, total.....	.....	(X)	643,910	(X)	526,412
241108	Logs, bolts, and unsliced flitches.....	1,000 ft. log scale.....	51,610	3,420	56,029	3,372
242110	Rough lumber:					
242110	Hardwood.....	1,000 bd. ft....	136,758	26,095	144,318	26,947
242118	Softwood.....	...do.....	549,642	75,268	703,669	87,908
242121	Dressed lumber:					
	Hardwood:					
	Quantity reported.....	...do.....	36,367	6,345	76,525	11,905
	Quantity not reported.....	...do.....	(X)	1,499		
242128	Softwood.....	...do.....	1,075,229	126,799	720,870	94,163
243250	Hardwood veneer.....	1,000 sq. ft. surf. meas.....	381,032	16,204	(1)	14,963
243260	Softwood veneer.....	1,000 sq. ft. 1" basis.....	99,396	8,175	(1)	1,783
243211	Hardwood plywood-other than container type: Veneer core.....	1,000 sq. ft. surf. meas.....	454,192	47,426	352,564	38,197
243213	Lumber core, including particleboard core.....	...do.....	23,082	8,298	(NA)	4,512
243203	Softwood plywood:					
	Quantity reported.....	1,000 sq. ft. 3/8" basis.....	133,195	13,499	84,001	13,025
	Quantity not reported.....	...do.....	(X)	2,153	(X)	1,946
335205	Aluminum and aluminum-base alloy mill shapes and forms: Extruded shapes (including extruded rods, bars, pipes, tubes, etc.).....	1,000 pounds....	4,853	2,780	}	(NA) 5,304
335208 335209	All other aluminum mill shapes and forms including sheet, plate and foil (wire, rolled, rod and bar, powder, welded tubing etc.)	...do.....	2,511	1,725		
342940	Builders' hardware, including doors, locks, locksets, lock trim, miscellaneous sash screen, and shelf hardware; hinges and butts; hangers, tracks and related items; cabinet hardware, and all other builders' hardware.....	.....	(X)	26,259	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	119,512	(X)	111,234
973000	All other materials, n.s.k.....	.....	(X)	2158,453	(X)	111,153

Code	Material	Unit of measure	1963			1958		
			Quantity	Delivered cost (\$1,000)	Consumption of material produced in this establish- ment (quantity)	Quantity	Delivered cost (\$1,000)	Consumption of material produced in this establish- ment (quantity)
			INDUSTRY 2432.—VENEER AND PLYWOOD					
	Materials, containers, and supplies, total.....	.....	(X)	730,631	(X)	(X)	469,683	(X)
081111	Cost of stumpage cut (timber, excluding land) used in the manufacture of logs, lumber, veneer, plywood, or other wood products.....	.....	(X)	45,524	(X)	(X)	27,858	(X)
241108	Logs, bolts, and unsliced flitches.....	1,000 ft. log-scale...	4,089,811	265,230	1,025,336	2,754,571	191,323	428,613
242101	Rough and dressed lumber:							
242103	Hardwood.....	1,000 bd. ft.	64,014	7,382	8,813	93,913	9,477	11,137
	Softwood.....	...do.....	45,673	3,493	34,719	52,784	3,926	10,914
243250	Hardwood veneer.....	1,000 sq. ft. surf. meas..	2,708,668	104,514	(NA)	1,410,948	56,124	1,725,014
243260	Softwood veneer.....	1,000 sq. ft. 1" basis....	1,709,325	134,374	2,438,280	966,467	87,961	1,604,016
243210	Hardwood plywood.....	1,000 sq. ft. surf. meas..	291,430	28,940	(X)	(NA)	(NA)	(X)
243203	Softwood plywood.....	1,000 sq. ft. 3/8" basis..	90,434	8,048	(X)	(NA)	(NA)	(X)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963			1958		
			Quantity	Delivered cost	Consumption of material produced in this establishment (quantity)	Quantity	Delivered cost	Consumption of material produced in this establishment (quantity)
				(\$1,000)			(\$1,000)	
INDUSTRY 2432.—VENEER AND PLYWOOD—Continued								
282140	Thermosetting resins (including melamines phenolics, polyesters, ureas, etc., in all forms including granular, pellet, powder, liquid, sheet, etc.) excluding synthetic resin adhesives.....	1,000 lbs.... dry basis....	(NA)	12,763	(X)	(NA)	(NA)	(X)
289111	Glues, and adhesives (soybean, casein, blood, albumen synthetic resin adhesives, etc.).....	1,000 lbs....	(NA)	28,076	(X)	(NA)	(NA)	(X)
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	77,266	(X)	(X)	79,586	(X)
971000	All other materials and components, parts, containers, and supplies consumed, n.s.k.....		(X)	² 15,021	(X)	(X)	13,428	(X)
Code	Material	Unit of measure	1963		1958			
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)		
INDUSTRY 2433.—PREFABRICATED WOOD PRODUCTS								
	Materials, containers and supplies, total.....		(X)	212,354	(X)	177,178		
241108	Logs and bolts.....	1,000 ft. log scale.....	27,342	921	13,329	603		
242110	Rough lumber:							
	Hardwood.....	1,000 bd. ft....	8,347	906	25,357	3,151		
242118	Softwood:							
	Quantity reported.....	...do.....	98,611	9,652	84,217	7,117		
	Quantity not reported.....	.....	(X)	(X)	(X)	791	
	Dressed lumber:							
242121	Hardwood.....	1,000 bd. ft....	30,621	4,279	(NA)	8,000		
242128	Softwood.....	...do.....	633,127	63,636	384,087	41,139		
243210	Hardwood plywood.....	1,000 sq. ft. surf. meas.....	15,112	2,208	5,619	950		
243203	Softwood plywood:							
	Quantity reported.....	1,000 sq. ft. 3/8" basis.....	176,796	14,555	124,126	10,874		
	Quantity not reported.....	.....	(X)	(X)	(X)	1,486	
282140	Thermosetting resins (melamines, phenolics, ureas, in all forms, including granular, pellet, powder, liquid, sheet, etc.).....	1,000 lbs.....	(S)	1,062	(NA)	(NA)		
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	...do.....	2,327	852	3,299	1,180		
342940	Builders' hardware, including doorlocks, locksets, locktrim, miscellaneous sash, screen and shelf, hardware, hinges and butts, hangers, tracks and related items, cabinet hardware and all builders' hardware.....		(X)	13,861	(NA)	(NA)		
970099	All other materials and components, parts, containers and supplies consumed, n.e.c.....		(X)	60,149	(X)	74,813		
971000	All other materials, n.s.k.....		(X)	² 40,273	(X)	27,074		

- Represents zero. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Quantities for these materials have been withheld because of inconsistencies reported by several large companies.

²Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Millwork plants (SIC 2431)	Veneer and plywood plants (SIC 2432)	Prefabricated wood products (SIC 2433)
Total cost of purchased fuels and electric energy.....\$1,000..	8,560	17,000	1,759
Total cost of purchased fuels.....do....	2,429	7,080	745
Bituminous coal, lignite, and anthracite:			
Quantity.....1,000 short tons..	30	79	8
Cost.....\$1,000..	290	643	76
Coke and breeze:			
Quantity.....1,000 short tons..	-	(S)	-
Cost.....\$1,000..	-	(S)	-
Fuel oil (distillate and residual):			
Quantity.....1,000 barrels of 42 gallons..	93	366	(S)
Cost.....\$1,000..	460	1,112	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):			
Quantity.....million cu.ft..	1,106	5,322	318
Cost.....\$1,000..	639	2,369	214
Other fuels.....do....	1,040	2,946	313
Electric energy:			
Purchased:			
Quantity.....million kw.-hrs..	318	952	62
Cost.....\$1,000..	6,131	9,920	1,014
Generated less sold.....million kw.-hrs..	8	183	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	686	810	72
Prime movers, total.....do....	48	178	25
Driving generators.....do....	15	63	5
Not driving generators.....do....	33	115	20
Electric motors, total.....do....	646	673	49
Driven by purchased energy.....do....	637	632	48
Driven by energy generated at establishment.....do....	9	41	1
Aggregate horsepower per 100 production workers.....	1,342	1,336	772

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2431-	MILLWORK PLANTS										
	Entire industry.....	3,770	65,283	320,817	53,519	106,215	240,702	524,041	749,741	1,270,613	20,935
	Establishments with—										
	90% or more specialization..	3,454	51,582	256,018	42,188	83,890	191,739	424,080	603,506	1,026,026	17,055
	75-89% specialization.....	118	3,993	18,392	3,175	6,399	13,182	27,873	42,142	68,899	1,367
24311	Window units, wood (primary product class of estab.).....	156	8,434	41,927	6,604	12,719	28,771	71,757	114,085	185,346	2,737
	Establishments with—										
	90% or more specialization....	38	1,978	11,785	1,505	2,865	7,946	24,058	40,011	63,573	1,022
	75-89% specialization.....	18	685	3,135	522	1,063	1,964	6,757	11,558	18,256	172
24312	Wood window sash including combination screen and storm sash, excluding window screens and window units (primary product class of estab.).....	62	1,914	8,268	1,651	3,306	6,407	12,541	21,137	33,583	514
	Establishments with—										
	90% or more specialization....	21	202	1,007	165	317	750	1,698	3,714	5,394	64
24313	Window and door frames (primary product class of estab.).....	118	3,402	16,910	2,894	5,948	13,357	25,053	40,254	65,116	903
	Establishments with—										
	90% or more specialization....	44	612	2,862	484	966	2,167	4,915	6,855	11,777	171
	75-89% specialization.....	16	378	1,876	322	648	1,441	2,954	4,437	7,377	190
24314	Doors, wood (panel and flush type) including doors shipped in door units (primary product class of estab.).....	233	13,136	60,808	11,282	22,818	48,175	104,755	190,223	293,909	3,529
	Establishments with—										
	90% or more specialization....	127	5,029	23,303	4,262	8,606	17,895	44,211	99,730	143,715	1,782
	75-89% specialization.....	15	1,009	5,264	899	1,755	4,410	7,580	12,990	20,504	177
24315	Other wood doors, including garage, screen, storm and combination screen and storm, toilet and louvre (primary product class of estab.).....	144	5,660	28,121	4,604	9,367	20,054	51,976	68,710	119,905	3,163
	Establishments with—										
	90% or more specialization....	106	3,129	16,084	2,489	4,983	11,118	30,895	38,752	69,521	2,148
	75-89% specialization.....	9	397	1,811	354	766	1,507	2,584	4,041	6,575	160
24316	Finished wood mouldings (including window and door trims) (primary product class of estab.).....	233	6,152	30,302	5,299	10,410	24,255	47,540	90,093	137,279	2,422
	Establishments with—										
	90% or more specialization....	160	3,646	18,090	3,186	6,241	14,689	30,833	61,318	92,144	1,263
	75-89% specialization.....	10	159	675	133	279	518	1,400	1,928	3,286	64
24317	Cabinet work, to be built in (primary product class of estab.)....	1,002	12,655	68,215	10,024	19,618	50,107	97,298	105,041	202,064	3,427
	Establishments with—										
	90% or more specialization....	651	6,325	34,687	5,184	9,932	26,430	51,715	47,163	98,803	1,745
	75-89% specialization.....	94	1,043	5,843	788	1,584	4,086	8,698	9,113	17,831	351
24318	Other millwork products, including screens (primary product class of estab.).....	310	6,149	31,957	4,817	9,629	22,850	50,838	51,276	101,794	1,560
	Establishments with—										
	90% or more specialization....	202	2,896	15,424	2,338	4,660	11,461	24,161	22,206	46,140	806
	75-89% specialization.....	21	692	3,204	539	1,100	2,315	5,919	5,322	11,040	311

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2432-	VENEER AND PLYWOOD PLANTS										
	Entire industry.....	641	66,155	324,746	60,455	124,900	281,321	559,211	788,068	1,339,630	41,887
	Establishments with—										
	90% or more specialization..	547	51,365	245,456	47,268	97,747	214,163	410,461	622,099	1,028,285	27,851
	75-89% specialization.....	40	5,860	32,908	5,214	10,967	27,902	61,133	73,393	132,477	2,098
24321	Hardwood plywood (primary product class of estab.).....	132	19,512	80,192	17,941	38,073	68,270	129,593	203,071	331,852	7,554
	Establishments with—										
	90% or more specialization....	90	11,495	44,669	10,653	23,016	37,455	72,074	113,233	184,573	3,558
	75-89% specialization.....	12	1,887	8,768	1,679	3,313	7,306	12,645	18,970	31,047	1,201
24322	Softwood plywood, interior type (primary product class of estab.)	93	20,536	119,548	18,822	38,181	106,217	202,753	279,716	479,286	15,586
	Establishments with—										
	90% or more specialization....	27	2,892	16,813	2,620	5,215	14,626	28,772	55,780	84,032	2,160
	75-89% specialization.....	15	2,711	15,895	2,517	5,196	14,191	28,479	52,059	79,771	3,056
24323	Softwood plywood, exterior type (primary product class of estab.)	31	8,739	51,624	8,034	16,526	46,803	89,496	100,271	189,004	4,675
24324	Nonwood base plywood and other plywood type products, except particle board (primary product class of estab.).....	57	2,559	12,720	2,130	4,465	9,009	25,043	60,091	82,687	1,694
	Establishments with—										
	90% or more specialization....	44	1,489	7,047	1,257	2,673	5,261	13,868	32,628	45,762	1,459
	75-89% specialization.....	5	443	2,247	339	818	1,373	5,430	13,781	18,353	59
24325	Hardwood veneer (primary product class of estab.).....	168	9,525	34,422	8,670	18,042	27,992	60,746	62,276	122,239	3,718
	Establishments with—										
	90% or more specialization....	147	7,587	26,476	6,957	14,348	21,706	45,783	43,674	88,803	2,786
	75-89% specialization.....	11	898	4,135	785	1,824	3,180	7,920	10,973	18,960	353
24326	Softwood veneer (primary product class of estab.).....	72	4,251	22,141	3,900	7,582	19,351	45,283	78,148	123,714	2,198
	Establishments with—										
	90% or more specialization....	55	2,981	15,004	2,741	5,450	13,310	31,629	52,873	84,497	1,824
	75-89% specialization.....	11	637	3,290	590	1,119	2,855	6,098	12,159	18,407	175
2433	PREFABRICATED WOOD PRODUCTS										
	Entire industry.....	559	15,806	81,079	11,595	22,485	50,174	156,593	249,485	403,309	7,741
	Establishments with—										
	90% or more specialization..	531	14,716	75,183	10,822	20,952	46,602	146,663	233,803	377,866	7,419
	75-89% specialization.....	15	641	3,649	423	843	2,038	6,128	11,111	17,236	170

WOODEN CONTAINERS AND MISCELLANEOUS WOOD PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2441—Nailed and Lock Corner Wooden Boxes and Shook
- 2442—Wirebound Boxes and Crates
- 2443—Veneer and Plywood Containers, Except Boxes and Crates
- 2445—Cooperage
- 2491—Wood Preserving
- 2499—Wood Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2441—NAILED AND LOCK CORNER WOODEN BOXES AND SHOOK

This industry comprises establishments primarily engaged in manufacturing nailed and lock corner wooden boxes, and which also may produce shook for nailed and lock corner boxes. For a detailed list of products of industry 2441, refer to table 6A, product codes 2441111 to 2441255.

Value of shipments and other receipts of the Nailed Wooden Boxes and Shook Industry totaled \$206 million. This amount included shipments of nailed wooden boxes and shook (primary products) valued at \$157 million, shipments of other products (secondary products) valued at \$27 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$23 million.

This industry's shipments of nailed wooden boxes and shook represented 85 percent of its total product shipments. The industry specialization ratio in 1958 was 86 percent. Secondary products shipped by this industry in 1963 consisted mainly of sawmill and planing mill products (\$8 million), and pallets and skids (\$5 million).

Shipments of nailed wooden boxes and shook by this industry represented 83 percent of all shipments of these products (\$189 million) by all industries. In 1958 the coverage ratio was 80 percent. Other industries shipping nailed wooden boxes and shook consisted mainly of industry 2421, Sawmills and Planing Mills, \$11 million; and industry 2499, Wood Products, N.E.C., \$4 million.

The production index for the primary products of the industry decreased to 60 in 1963 from the 1958 level of 76. The unit value index for 1963 was 108 compared to 101 in 1958. Both indexes were computed on a basis of 1954 = 100.

2442—WIREBOUND BOXES AND CRATES

This industry comprises establishments primarily engaged in manufacturing wirebound boxes and crates made from lumber, veneer or plywood. For a detailed list of products of industry 2442, refer to table 6A, product codes 2442011 to 2442071.

Value of shipments and other receipts of the Wirebound Boxes and Crates Industry totaled \$115 million. This amount included shipments of wirebound boxes and crates (primary products) valued at \$100 million, shipments of other products (secondary products) valued at \$9 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$5 million.

This industry's shipments of wirebound boxes and crates represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was also 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of veneer and plywood containers (\$3 million).

Shipments of wirebound boxes and crates by this industry represented 93 percent of all shipments of these products (\$108 million) by all industries. In 1958 the coverage ratio was 94 percent. Other industries shipping wirebound boxes and crates consisted mainly of industry 2511, Wood Furniture, Not Upholstered, over \$2 million.

The production index for the primary products of the industry increased to 108 in 1963 from the 1958 level of 86. The unit value index for 1963 was 103 compared to 109 in 1958. Both indexes were computed on a basis of 1954 = 100.

2443—VENEER AND PLYWOOD CONTAINERS, EXCEPT BOXES AND CRATES

This industry comprises establishments primarily engaged in manufacturing veneer and plywood containers, except boxes. This industry includes baskets made primarily of veneer and splint for shipping and marketing fruits and vegetables. For a detailed list of products of industry 2443, refer to table 6A, product codes 2443011 to 2443081.

Value of shipments and other receipts of the Veneer and Plywood Containers Industry totaled \$28 million. This amount included shipments of veneer and plywood containers (primary products) valued at \$23 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$2 million.

This industry's shipments of veneer and plywood containers represented 90 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent.

Shipments of veneer and plywood containers by this industry represented 79 percent of all shipments of these products (\$29 million) by all industries. In 1958 the coverage ratio was 88 percent. Other industries shipping veneer and plywood containers consisted mainly of industry 2442, Wirebound Boxes and Crates, \$3 million.

The production index for the primary products of the industry decreased to 72 in 1963 from the 1958 level of 73. The unit value index for 1963 was 129 compared to 131 in 1958. Both indexes were computed on a basis of 1954 = 100.

2445—COOPERAGE

This industry comprises establishments primarily engaged in manufacturing barrels, tubs, hogsheads, and other containers made of staves, except fruit and vegetable baskets (industry 2443). Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in industry 2421, and those manufacturing cooperage stock in industry 2429. For a detailed list of products of industry 2445, refer to table 6A, product codes 2445012 to 2445059.

Value of shipments and other receipts of the Cooperage Industry totaled \$53 million. This amount included shipments of cooperage (primary products) valued at \$49 million, shipments of other products (secondary products) valued at \$2 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$2 million.

This industry's shipments of cooperage represented 97 percent of its total product shipments. The industry specialization ratio in 1958 was 95 percent.

Shipments of cooperage by this industry represented 99 percent of all shipments of these products (\$50 million) by all industries. In 1958 the coverage ratio was 98 percent.

The production index for the primary products of the industry decreased to 81 in 1963 from the 1958 level of 91. The unit value index for 1963 was 107 compared to 127 in 1958. Both indexes were computed on a basis of 1954 = 100.

2491—WOOD PRESERVING

This industry comprises establishments primarily engaged in treating wood sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products which they may also treat with preservatives, are not included. For a detailed list of products of industry 2491, refer to table 6A, product codes 2491113 to 2491911.

Value of shipments and other receipts of the Wood Preserving Industry totaled \$247 million. This amount included shipments of wood owned and treated by the same establishment and receipts for treating wood owned by others (primary products) valued at \$233 million, shipments of other products (secondary products) valued at \$4 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$11 million.

This industry's shipments of primary products represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was also 98 percent.

Shipments of primary products by this industry in 1963 represented 97 percent of all shipments of these products (\$240 million) by all industries. In 1958 the coverage ratio was 96 percent. Other industries shipping wood owned and treated by the same establishment and treating wood owned by others, consisted mainly of industry 2421, Sawmills and Planing Mills, between \$5 million and \$10 million.

The production index for the primary products of the industry increased to 116 in 1963 from the 1958 level of 108. The unit value index for 1963 was 113 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2499—WOOD PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in turning and shaping wood, and manufacturing miscellaneous wood products, n.e.c., such as lasts and related products,

cork products, mirror and picture frames, hard-pressed wood fiberboard, fabricated hardboard products and particleboard. For a detailed list of products of industry 2499, refer to table 6A, product codes 2499111 to 2499621.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1958. The composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census, is due principally to the transfer of hard-pressed wood fiberboard (hardboard) and fabricated hardboard products to this industry. In 1958 establishments primarily engaged in manufacturing hardboard were classified in industry 2661, Building Paper and Board Mills, and those primarily producing fabricated hardboard products were classified in industry 2649, Converted Paper Products, N.E.C.

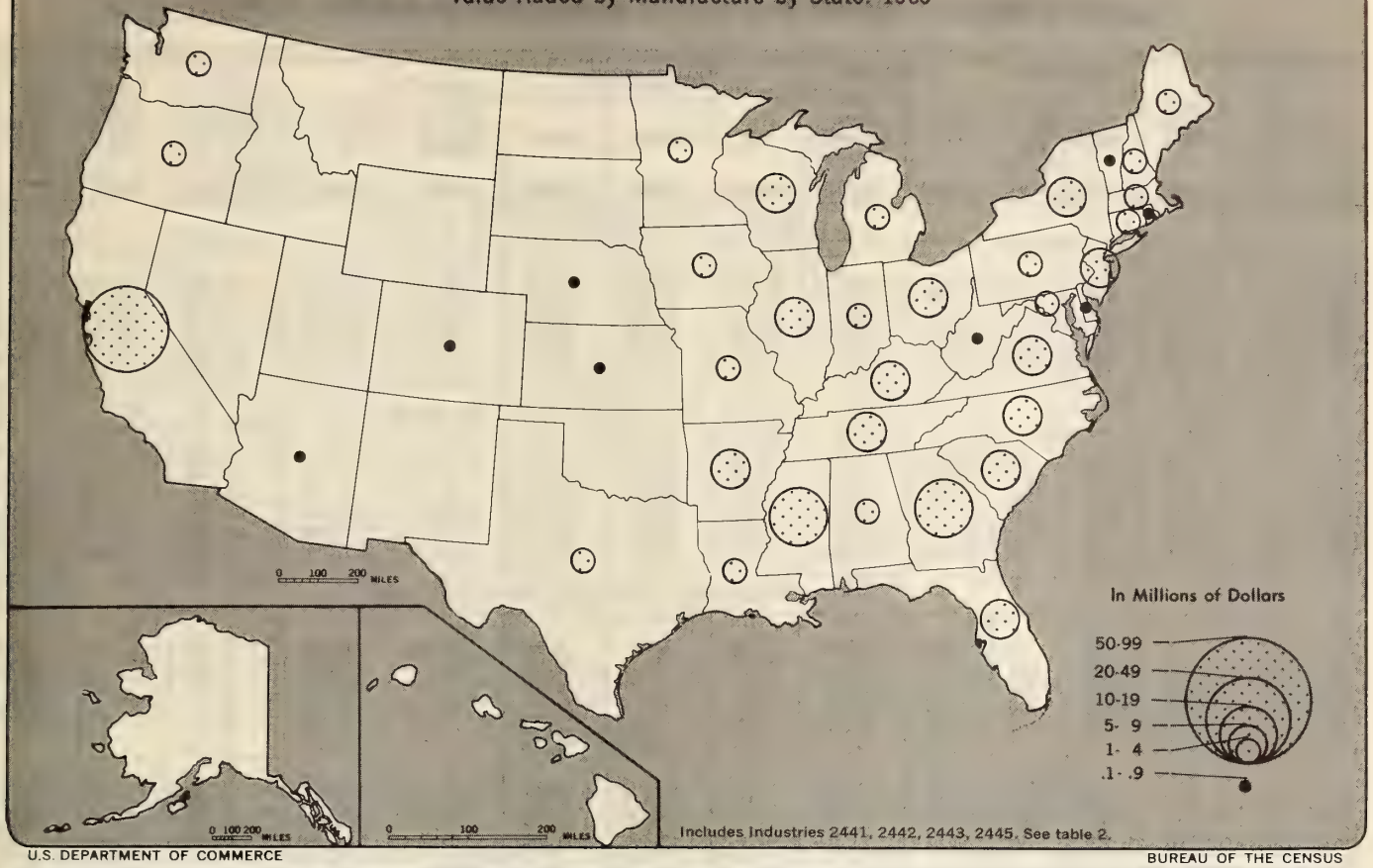
Value of shipments and other receipts of the Wood Products, N.E.C., Industry totaled \$785 million. This amount included shipments of wood products, n.e.c. (primary products) valued at \$694 million, shipments of other products (secondary products) valued at \$62 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$30 million.

This industry's shipments of wood products, n.e.c., represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent. Secondary products shipped by this industry in 1963 consisted mainly of hardwood dimension stock (\$7 million), nailed and lock corner wooden boxes (\$4 million), and rough lumber and sawed ties (\$2 million).

Shipments of wood products, n.e.c., by this industry in 1963 represented 87 percent of all shipments of these products (\$798 million) by all industries. In 1958 the coverage ratio was 86 percent. See table 5B for other industries shipping wood products, n.e.c.

WOODEN CONTAINERS: SIC 244

Value Added by Manufacture by State: 1963



MISCELLANEOUS WOOD PRODUCTS: SIC 249

Value Added by Manufacture by State: 1963

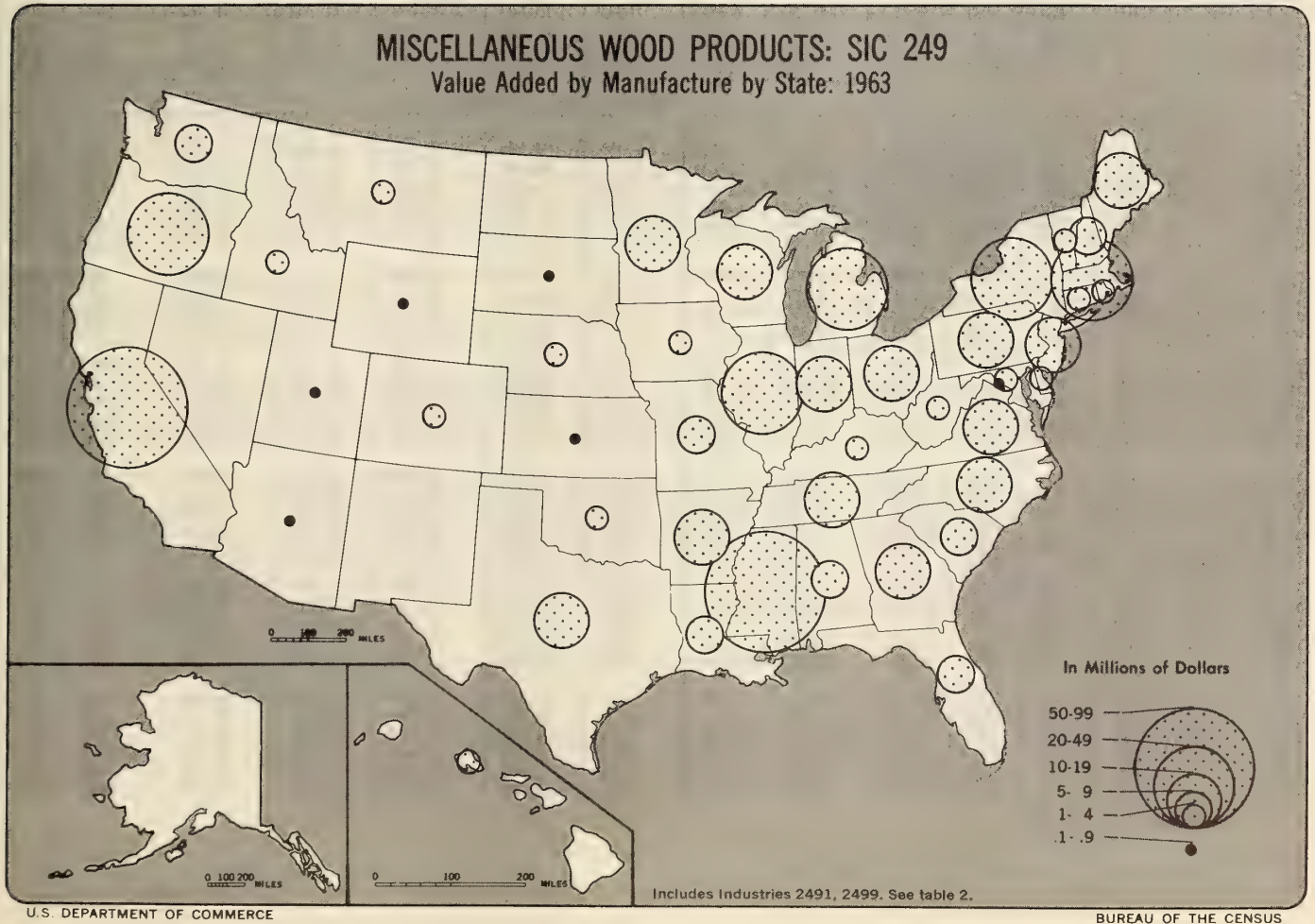


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
INDUSTRY 2441.--NAILED WOODEN BOXES AND SHOOK *														
1963.....	637	663	183	14,483	55,858	12,934	26,277	45,944	85,046	121,169	206,020	6,014	85	.83
1962 ¹ 2.....	(NA)	(NA)	(NA)	16,852	63,348	14,697	31,346	50,158	99,977	127,628	229,412	4,811	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	16,934	59,334	14,648	30,006	46,422	93,049	117,366	210,560	4,077	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	17,900	62,207	15,598	31,521	48,545	94,967	124,177	219,411	5,152	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	19,457	62,249	16,907	34,356	50,532	97,138	127,051	227,217	3,668	(NA)	(NA)
1958.....	836	874	247	19,015	62,424	16,688	32,244	50,114	92,322	118,565	211,407	3,251	86	80
INDUSTRY 2442.--WIREBOUND BOXES AND CRATES*														
1963.....	100	117	70	9,893	32,717	9,012	17,697	26,669	55,606	59,134	114,669	1,565	92	93
1962 ¹ 2.....	(NA)	(NA)	(NA)	10,355	32,254	9,148	17,637	25,337	58,310	64,328	122,306	1,706	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	10,908	31,969	9,649	18,910	35,186	54,550	65,966	120,532	1,354	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	10,320	30,086	9,180	18,266	23,486	52,403	57,876	109,985	1,231	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	10,679	30,697	9,595	19,776	24,312	51,826	55,887	107,630	1,015	(NA)	(NA)
1958.....	86	100	61	10,006	27,946	9,099	17,465	22,471	46,094	52,155	97,991	1,226	92	94
INDUSTRY 2443.--VENEER AND PLYWOOD CONTAINERS*														
1963.....	84	99	44	3,953	11,649	3,682	6,974	9,889	16,086	12,366	27,923	336	90	79
1962 ¹ 2.....	(NA)	(NA)	(NA)	4,122	12,194	3,799	7,538	10,182	17,071	14,806	31,347	565	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	4,588	12,202	4,231	8,287	10,345	17,494	14,171	31,376	640	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	5,272	13,484	4,924	9,561	11,428	18,437	14,730	32,215	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	5,205	12,966	4,877	9,385	11,047	18,101	13,735	32,023	(S)	(NA)	(NA)
1958.....	95	105	65	5,416	12,850	5,059	9,245	11,013	18,323	11,939	30,271	579	88	84
1957 ¹	(NA)	(NA)	(NA)	6,908	16,527	6,151	11,709	13,619	22,026	(NA)	36,941	(NA)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	7,210	16,656	6,744	12,746	14,053	24,336	15,300	38,684	856	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	6,711	13,680	6,312	12,092	11,574	18,465	11,047	28,493	(NA)	(NA)	(NA)
1954.....	126	134	70	6,685	13,869	6,278	12,497	11,782	19,324	13,698	32,787	674	91	88
1952 ¹	(NA)	(NA)	(NA)	8,099	15,150	7,854	(NA)	13,683	20,424	11,338	31,762	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	8,216	15,142	7,925	(NA)	13,746	21,142	11,615	32,757	(NA)	(NA)	(NA)
1947.....	129	141	(NA)	9,105	13,398	8,781	(NA)	12,093	19,330	11,254	30,584	(NA)	(NA)	(NA)
1939.....	(NA)	161	(NA)	(NA)	(NA)	9,093	(NA)	5,019	9,815	6,455	16,270	(NA)	(NA)	(NA)
INDUSTRY 2445.--COOPERAGE*														
1963.....	71	107	23	2,616	11,580	2,320	4,385	9,585	17,494	34,978	52,917	616	97	99
1962 ¹	(NA)	(NA)	(NA)	3,216	12,708	2,761	5,299	10,481	20,748	40,279	61,595	574	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	3,494	13,682	3,023	5,931	11,475	20,750	48,489	70,876	608	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	3,578	14,043	3,124	6,197	11,872	20,858	50,585	72,835	394	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	3,738	13,983	3,240	6,525	11,895	18,274	46,460	66,275	(557)	(NA)	(NA)
1958.....	126	190	35	3,871	14,268	3,435	6,531	12,029	19,843	49,358	70,070	1,138	95	98
1957 ¹	(NA)	(NA)	(NA)	3,571	13,704	3,198	6,232	11,485	19,591	45,240	64,804	(NA)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	3,863	14,406	3,509	6,854	12,240	19,670	52,933	73,524	1,149	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	3,598	12,697	3,256	6,257	10,769	16,567	43,220	63,463	(NA)	(NA)	(NA)
1954.....	104	180	32	3,723	12,350	3,377	6,497	10,507	16,884	39,373	61,189	973	97	99
1953 ¹	(NA)	(NA)	(NA)	4,863	15,120	4,338	8,436	13,058	24,185	47,692	71,877	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	4,645	14,590	4,246	8,555	12,350	21,634	44,248	65,882	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	6,421	19,757	5,956	12,202	17,304	32,658	75,725	108,383	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	6,596	18,423	6,103	12,260	15,973	33,258	68,044	101,302	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	6,271	16,034	5,933	11,276	11,276	31,012	57,781	88,793	(NA)	(NA)	(NA)
1947.....	127	255	(NA)	9,223	22,086	8,610	17,457	18,981	31,350	75,029	106,379	(NA)	(NA)	(NA)
1939.....	(NA)	350	(NA)	8,104	8,557	7,193	(NA)	6,560	13,943	24,318	38,261	(NA)	(NA)	(NA)
1937.....	(NA)	397	(NA)	10,246	10,779	9,588	(NA)	9,177	17,698	32,527	50,225	(NA)	(NA)	(NA)
1935.....	(NA)	407	(NA)	10,669	9,836	9,879	(NA)	7,982	16,584	29,972	46,556	(NA)	(NA)	(NA)
1933.....	(NA)	361	(NA)	9,025	7,196	8,457	(NA)	6,261	12,705	22,913	35,618	(NA)	(NA)	(NA)
1931.....	(NA)	500	(NA)	(NA)	(NA)	8,208	(NA)	7,663	14,810	24,333	39,143	(NA)	(NA)	(NA)
1929.....	(NA)	586	(NA)	11,661	14,255	10,691	(NA)	11,706	23,326	41,516	64,842	(NA)	(NA)	(NA)
1927.....	(NA)	528	(NA)	12,424	15,492	11,455	(NA)	12,937	23,126	43,821	66,947	(NA)	(NA)	(NA)
1925.....	(NA)	553	(NA)	12,466	15,383	11,483	(NA)	12,908	23,559	44,176	67,735	(NA)	(NA)	(NA)
1923.....	(NA)	623	(NA)	13,093	15,853	12,028	(NA)	13,183	24,778	48,356	73,134	(NA)	(NA)	(NA)
1921.....	(NA)	625	(NA)	10,824	12,426	9,876	(NA)	10,109	16,047	40,586	56,633	(NA)	(NA)	(NA)
1919.....	(NA)	1,099	(NA)	14,428	17,005	13,219	(NA)	14,082	29,715	58,521	88,236	(NA)	(NA)	(NA)
1914.....	(NA)	1,259	(NA)	18,228	10,704	17,128	(NA)	9,161	17,073	32,944	50,017	(NA)	(NA)	(NA)
1909.....	(NA)	1,374	(NA)	(NA)	(NA)	19,489	(NA)	8,970	17,460	32,162	49,622	(NA)	(NA)	(NA)
1904.....	(NA)	1,517	(NA)	22,359	10,877	21,149	(NA)	9,485	18,331	31,093	49,424	(NA)	(NA)	(NA)
1899.....	(NA)	1,694	(NA)	22,926	9,611	22,117	(NA)	8,786	16,289	22,151	38,440	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2491.—WOOD PRESERVING*													
1963.....	250	338	157	11,178	45,257	9,468	19,373	34,741	93,265	155,434	247,294	5,548	98	97
1962 ¹	(NA)	(NA)	(NA)	10,719	42,023	9,138	18,732	31,872	84,237	142,471	229,956	4,946	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	10,357	39,376	8,704	17,817	29,719	77,044	135,237	220,121	4,097	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	10,781	40,034	9,032	18,791	30,327	88,337	139,847	225,133	3,652	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	10,756	38,242	9,139	18,958	29,397	83,633	134,755	218,087	(D)	(NA)	(NA)
1958.....	211	306	148	10,933	36,625	9,173	17,877	28,064	72,508	127,853	202,957	3,661	98	96
1957 ¹	(NA)	(NA)	(NA)	16,458	55,185	14,455	29,676	44,068	119,165	156,457	262,112	(NA)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	15,117	48,931	13,252	27,119	38,717	99,239	149,789	244,991	(NA)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	12,802	40,609	11,116	23,700	32,255	80,663	134,039	213,124	(NA)	(NA)	(NA)
1954.....	188	288	158	12,073	36,162	10,409	20,671	28,020	68,531	123,659	190,503	4,700	97	99
1953 ¹	(NA)	(NA)	(NA)	13,261	40,616	11,955	(NA)	32,930	89,035	(³)	(³)	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	16,538	49,841	14,609	(NA)	40,216	96,304	(³)	(³)	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	15,606	44,658	13,983	(NA)	36,486	95,073	(³)	(³)	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	13,477	32,465	12,009	(NA)	26,132	78,418	(³)	(³)	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	14,182	33,727	12,753	(NA)	27,425	68,494	(³)	(³)	(NA)	(NA)	(NA)
1947.....	136	242	(NA)	16,247	37,142	14,772	31,706	32,020	92,041	(³)	(³)	(NA)	(NA)	(NA)
1939.....	(NA)	218	(NA)	12,623	12,206	11,242	(NA)	9,764	28,818	(³)	(³)	(NA)	(NA)	(NA)
1937.....	(NA)	197	(NA)	13,351	13,291	12,401	(NA)	11,338	32,016	(³)	(³)	(NA)	(NA)	(NA)
1935.....	(NA)	185	(NA)	9,833	8,302	8,985	(NA)	6,639	20,587	(³)	(³)	(NA)	(NA)	(NA)
1933.....	(NA)	185	(NA)	7,700	5,475	7,072	(NA)	4,233	12,858	(³)	(³)	(NA)	(NA)	(NA)
	INDUSTRY 2499.—WOOD PRODUCTS, N.E.C.*													
1963.....	2,818	2,896	702	57,981	237,442	49,994	99,538	184,311	420,283	365,201	785,367	32,940	92	87
1962 ¹	(NA)	(NA)	(NA)	54,400	214,240	46,304	90,467	162,602	375,100	344,456	718,568	45,686	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	53,868	197,497	46,067	87,605	152,142	348,657	316,662	664,282	18,926	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	55,872	206,349	47,875	92,101	156,031	347,136	326,926	669,132	21,867	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	55,243	198,328	46,978	92,893	154,299	351,363	312,019	665,502	(D)	(NA)	(NA)
1958.....	2,623	2,737	609	50,494	183,120	42,970	83,836	141,682	301,310	272,400	584,308	23,489	91	86

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies.. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

*Data for Alaska and Hawaii are not included for any of the industries included in this table prior to 1958. In addition Alaska and Hawaii are included only for 1963 for industry 2499.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Revisions to totals reported for 1958 through 1962 are due to changes for significantly large plants.

³The statistics for the cost of materials and value of products for 1954 and later years are not comparable with those for 1939-1953. The differences occur because statistics for 1939-1953 included an estimated value of forest products treated but not owned by the reporting establishments, whereas in the period 1954-1963 the statistics include only the value of wood owned by the reporting establishments.

⁴Data for 1958 through 1962 have been revised due to a change in the 1957 Standard Industrial Classification definition of this industry. Establishments primarily engaged in the manufacture of hard-pressed wood fiberboard, previously classified in industry 2661, Building Paper and Building Board Mills, are now included in industry 2499. This revision also classifies establishments primarily engaged in manufacturing fabricated hard-board products in industry 2499. Such establishments were previously classified in industry 2649, Paper and Board Products, N.E.C.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2441.—NAILED WOODEN BOXES AND SHOOK													
Total.....	663	183	14,483	55,858	12,934	26,271	45,944	85,046	121,169	206,020	6,014	19,015	92,322
New England.....	86	22	1,531	5,351	1,344	2,866	4,356	8,515	8,635	17,229	332	1,917	7,117
Maine.....	12	2	175	579	165	377	533	922	712	1,612	(D)	239	724
Massachusetts....	36	7	526	1,781	448	916	1,364	2,831	3,252	6,109	43	807	2,828
Middle Atlantic....	111	26	1,696	7,042	1,466	2,890	5,498	11,954	13,180	25,097	377	2,193	10,913
New York.....	56	11	837	3,388	725	1,422	2,717	5,961	6,130	12,068	241	853	4,168
New Jersey.....	28	5	323	1,512	281	576	1,188	2,589	2,732	5,314	50	695	3,396
Pennsylvania.....	27	10	536	2,142	460	892	1,593	3,404	4,318	7,715	86	645	3,349
North Central.....	162	45	2,771	10,086	2,435	4,967	8,108	15,122	18,942	33,905	705	3,985	20,326
Ohio.....	28	7	440	1,725	372	744	1,304	2,861	3,178	6,038	116	614	3,236
Illinois.....	24	8	370	1,474	323	613	1,121	2,051	2,665	4,726	61	687	3,614
Michigan.....	32	5	292	852	258	499	692	1,565	1,530	3,086	69	541	2,347
Wisconsin.....	31	10	719	2,764	647	1,512	2,358	3,347	4,715	7,984	270	914	3,953
Missouri.....	12	5	349	1,193	308	675	964	1,672	1,699	3,272	39	(²)	(²)
South Atlantic.....	86	31	2,527	7,419	2,329	4,470	6,127	11,037	13,632	24,587	573	3,674	12,613
Maryland.....	9	2	191	636	178	374	561	747	1,076	1,821	9	(²)	(²)
Virginia.....	18	8	729	1,979	671	1,207	1,586	2,945	3,934	6,859	118	20	(²)
North Carolina...	18	2	295	762	281	539	707	1,621	1,976	3,581	48	282	761
Florida.....	17	8	548	1,711	503	977	1,355	2,634	2,627	5,233	(D)	643	2,224
East South Central.	25	13	1,457	4,809	1,331	2,742	3,904	7,833	7,341	15,201	289	1,772	8,507
Tennessee.....	7	4	728	2,337	671	1,356	1,878	3,827	3,688	7,585	88	871	3,870
West South Central.	28	9	1,023	3,469	939	2,105	3,028	5,964	5,075	11,054	208	1,234	5,700
Arkansas.....	8	4	711	2,536	656	1,557	2,247	4,324	3,424	7,769	97	(²)	(²)
West.....	165	37	3,478	17,682	3,090	6,237	14,923	24,621	54,364	78,947	3,530	4,240	27,146
Washington.....	21	4	484	2,112	447	847	1,812	3,182	3,272	6,248	57	(²)	(²)
California.....	106	23	2,444	13,511	2,153	4,384	11,381	18,083	42,053	60,202	3,182	2,862	19,148
INDUSTRY 2442.—WIREBOUND BOXES AND CRATES													
Total.....	117	70	9,893	32,717	9,012	17,697	26,669	55,606	59,134	114,669	1,565	10,006	46,094
East North Central.	24	12	836	3,392	717	1,468	2,655	6,069	4,832	10,930	(D)	(²)	(²)
Ohio.....	5	3	131	565	119	238	480	1,098	508	1,579	28	317	1,530
Illinois.....	6	4	314	1,176	273	562	912	1,733	1,356	3,162	33	461	1,697
Wisconsin.....	5	3	272	1,114	230	488	868	1,991	1,265	3,246	18	(²)	(²)
West North Central.	5	2	131	634	115	245	416	1,006	1,378	2,347	(D)	(²)	(²)
South Atlantic.....	34	27	4,459	13,851	4,156	8,129	11,869	23,327	22,675	45,918	798	4,214	19,249
South Carolina...	3	3	316	885	294	665	789	2,612	2,018	4,654	42	(²)	(²)
Georgia.....	12	11	1,827	6,064	1,730	3,312	5,293	10,312	9,107	19,498	483	1,649	9,080
Florida.....	12	9	1,365	3,957	1,250	2,308	3,300	6,521	6,521	13,196	109	1,420	5,138
East South Central.	15	12	2,310	7,097	2,113	4,033	5,636	12,681	14,570	27,256	247	2,187	9,234
West South Central.	10	8	1,297	4,170	1,174	2,427	3,395	6,933	8,061	14,966	278	1,571	7,008
Texas.....	5	3	350	1,241	314	626	928	1,924	3,056	4,916	27	(²)	(²)
All other divisions	29	9	860	3,573	737	1,395	2,698	5,590	7,618	13,252	113	764	4,368
INDUSTRY 2443.—VENEER AND PLYWOOD CONTAINERS													
Total.....	99	44	3,953	11,649	3,682	6,974	9,889	16,086	12,366	27,923	336	5,416	18,323
North Central.....	25	10	553	1,636	508	1,004	1,402	2,407	1,502	3,924	61	932	3,410
Ohio.....	12	6	261	817	230	450	657	1,087	500	1,611	23	289	1,139
South.....	41	23	2,550	7,180	2,376	4,496	6,128	10,049	7,025	16,606	186	3,691	11,707
Virginia.....	5	3	474	1,313	455	802	1,159	1,458	760	2,156	17	586	1,785
Texas.....	6	3	312	872	291	595	775	1,179	579	1,739	18	666	2,137
All other divisions	33	11	850	2,827	798	1,474	2,359	3,630	3,839	7,393	89	793	3,206
New York.....	10	3	185	478	175	319	422	630	417	1,050	27	227	758
New Jersey.....	7	4	381	1,170	364	626	1,011	1,199	1,589	2,724	33	406	1,387

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2445.—COOPERAGE													
Total.....	107	23	2,616	11,580	2,320	4,385	9,585	17,494	34,978	52,917	616	3,871	19,843
New England.....	15	1	130	392	116	223	338	482	753	1,239	23	433	1,546
Middle Atlantic...	18	1	185	884	161	334	753	1,310	3,077	4,373	46	319	1,775
East North Central	19	4	379	1,887	344	697	1,636	3,202	4,504	7,823	(D)	715	5,007
Ohio.....	8	2	107	512	92	186	414	800	1,350	2,197	12	332	2,116
West North Central	17	4	336	1,208	292	561	966	2,967	3,161	6,123	(D)	384	1,306
South.....	32	12	1,499	6,797	1,329	2,455	5,543	9,007	22,432	31,785	202	1,918	9,108
Kentucky.....	9	6	711	3,555	634	1,105	2,961	4,965	12,985	18,231	84	(²)	(²)
West.....	6	1	87	412	78	115	349	526	1,051	1,574	9	102	1,101
INDUSTRY 2491.—WOOD PRESERVING													
Total.....	338	157	11,178	45,257	9,468	19,373	34,741	93,265	155,434	247,294	5,548	10,933	72,508
Northeast.....	22	9	457	1,936	391	729	1,553	4,620	6,876	11,390	107	411	3,290
Pennsylvania....	11	5	286	1,098	245	442	854	2,336	3,984	6,193	67	167	1,176
East North Central	29	15	935	3,863	789	1,569	2,969	7,762	13,920	21,341	581	957	7,325
Indiana.....	6	3	218	799	188	377	629	1,726	2,935	4,605	118	168	1,123
Illinois.....	7	6	332	1,499	273	535	1,111	2,859	6,327	9,127	223	342	2,815
Wisconsin.....	4	3	161	634	138	286	478	1,182	1,076	2,207	93	147	837
West North Central	24	14	695	2,790	609	1,194	2,244	6,039	8,801	15,508	299	842	7,665
Minnesota.....	10	7	330	1,718	290	585	1,387	3,521	5,851	9,996	261	446	4,786
Missouri.....	9	6	285	810	248	475	641	1,739	2,231	4,005	27	282	2,083
South Atlantic....	97	37	3,451	13,191	2,908	5,910	9,973	25,459	44,922	69,435	1,885	2,978	18,282
Maryland.....	4	1	161	746	136	291	541	1,262	2,482	3,762	104	(²)	(²)
Virginia.....	13	6	460	1,548	398	782	1,106	3,799	6,218	10,259	219	372	2,808
North Carolina..	17	4	380	1,445	300	682	1,031	2,040	3,602	5,630	35	(²)	(²)
South Carolina..	10	4	618	2,241	506	1,028	1,721	3,867	8,580	11,915	(D)	557	2,516
Georgia.....	22	10	878	3,251	754	1,536	2,565	6,957	12,406	18,841	398	754	5,170
Florida.....	24	8	710	2,885	599	1,204	2,198	5,483	9,324	14,503	810	663	4,507
East South Central	45	22	1,662	5,971	1,407	3,026	4,500	13,230	24,150	37,066	554	2,026	11,993
Alabama.....	15	7	556	2,034	467	1,006	1,530	4,126	8,500	12,817	161	512	2,771
Mississippi.....	21	10	789	2,782	679	1,463	2,086	5,689	10,566	16,248	334	1,084	4,507
West South Central	64	29	2,157	7,682	1,862	4,013	6,030	17,317	28,164	44,812	1,085	2,327	12,978
Arkansas.....	12	3	440	1,703	396	887	1,423	4,403	5,108	9,216	220	448	2,709
Louisiana.....	22	10	633	2,274	536	1,168	1,700	4,128	9,910	14,007	174	653	3,187
Oklahoma.....	10	6	279	875	241	476	711	2,807	3,130	6,006	88	287	1,175
Texas.....	20	10	805	2,830	689	1,482	2,196	5,979	10,016	15,583	603	939	5,907
Mountain.....	22	8	570	2,404	483	978	1,878	4,018	6,285	11,100	135	555	3,340
Idaho.....	8	2	140	712	117	224	502	1,163	2,147	3,574	69	(²)	(²)
Pacific.....	35	23	1,251	7,420	1,019	1,954	5,594	14,820	22,316	36,642	902	837	7,635
Oregon.....	9	7	443	2,587	370	700	1,939	4,852	7,091	11,623	342	307	2,483
California.....	12	7	365	2,443	301	607	1,930	5,819	8,662	14,368	343	220	2,075
INDUSTRY 2499.—WOOD PRODUCTS, N.E.C.													
Total.....	2,896	702	57,981	237,442	49,994	99,538	184,311	420,283	365,201	785,367	32,940	50,494	301,310
Northeast.....	982	238	18,213	72,166	15,831	31,569	56,659	116,048	103,691	220,113	7,709	(D)	(D)
Maine.....	101	43	4,297	14,396	3,959	7,929	12,469	18,956	16,643	36,027	1,454	4,525	18,015
Vermont.....	44	13	761	2,636	676	1,345	2,243	4,008	4,412	8,448	292	(²)	(²)
Rhode Island.....	24	3	227	697	206	392	591	1,205	1,269	2,454	35	(²)	(²)
Pennsylvania....	160	31	1,999	7,311	1,725	3,448	5,884	11,075	15,418	26,674	562	2,059	10,544
East North Central	631	158	12,511	54,003	10,535	20,892	39,910	95,030	83,651	177,906	6,249	9,784	61,250
Indiana.....	83	24	1,601	6,376	1,378	2,762	4,870	11,317	10,936	22,250	865	1,291	8,238
Illinois.....	128	37	3,775	18,498	3,035	6,100	12,609	30,040	27,210	56,652	999	3,293	22,838
Wisconsin.....	89	24	1,677	6,086	1,480	2,989	4,852	10,821	9,890	20,748	512	1,102	6,182

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2499.—WOOD PRODUCTS, N.E.C.—Continued													
West North Central.	165	36	2,796	10,841	2,413	4,781	8,066	18,489	19,015	37,582	588	(D)	(D)
Minnesota.....	42	6	755	3,360	631	1,255	2,411	6,543	6,640	13,152	188	(D)	(D)
Iowa.....	19	4	254	974	206	373	660	1,581	2,019	3,595	34	(²)	(²)
Missouri.....	85	22	1,337	4,518	1,182	2,296	3,515	7,594	6,888	14,545	252	1,598	8,080
South Atlantic.....	293	67	5,284	18,012	4,606	9,265	14,169	33,128	33,087	66,742	2,645	3,768	16,764
Maryland.....	25	6	437	1,630	408	792	1,361	2,495	3,400	5,895	81	(²)	(²)
Virginia.....	44	18	1,206	4,205	1,077	2,357	3,373	8,723	7,714	16,588	634	804	3,254
West Virginia.....	24	-	101	264	85	155	214	512	549	1,084	(D)	192	544
North Carolina...	78	23	1,774	6,083	1,572	3,123	4,908	11,052	11,219	22,279	566	(²)	(²)
South Carolina...	19	3	363	1,405	335	662	1,262	2,413	3,157	5,866	(D)	232	710
Georgia.....	43	9	742	2,429	620	1,204	1,675	3,832	3,548	7,482	165	572	2,089
Florida.....	55	7	444	1,278	393	738	992	2,647	1,927	4,571	160	337	2,295
East South Central.	155	62	7,840	34,552	6,866	14,421	28,323	66,450	44,747	110,857	8,038	(D)	(D)
Alabama.....	26	4	331	955	296	597	768	1,816	1,967	3,814	173	411	1,311
Mississippi.....	26	16	4,849	25,613	4,177	9,235	21,050	52,959	29,660	82,005	7,122	(D)	(D)
West South Central.	169	49	3,575	11,251	3,205	6,329	9,218	19,578	22,365	41,877	1,313	2,380	9,845
Arkansas.....	47	22	1,470	4,616	1,341	2,676	3,916	6,869	6,996	13,847	398	1,275	4,516
Louisiana.....	22	7	625	2,042	538	1,038	1,570	3,283	5,711	8,976	357	(²)	(²)
Texas.....	86	20	1,410	4,416	1,262	2,500	3,572	9,042	9,415	18,430	548	819	4,285
Mountain.....	33	2	194	796	173	328	645	968	953	1,919	37	864	1,648
Pacific.....	468	90	7,568	35,821	6,365	11,953	27,321	70,592	57,692	128,371	6,361	6,604	64,078
Oregon.....	90	24	1,659	8,308	1,374	2,597	6,326	20,219	16,234	36,492	2,819	(D)	(D)
California.....	309	57	5,189	24,157	4,382	8,232	18,404	45,464	36,605	81,782	3,212	(D)	(D)

Note: Data for Alaska and Hawaii are not included prior to 1958 for any of the industries included in this table. For industry 2499 data for Alaska and Hawaii are included only for 1963.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2441, Nailed Wooden Boxes and Shook: New England—New Hampshire, 17 (402); Vermont, 5 (100-249); Rhode Island, 4 (20-99); Connecticut, 12 (100-249); East North Central—Indiana, 13 (193); West North Central—Minnesota, 12 (189); Iowa, 4 (129); Nebraska, 2 (20-99); Kansas, 4 (20-99); South Atlantic—Delaware, 2 (20-99); West Virginia, 2 (20-99); South Carolina, 4 (256); Georgia, 16 (250-499); East South Central—Kentucky, 5 (20-99); Alabama, 11 (250-499); Mississippi, 2 (250-499); West South Central—Louisiana, 6 (100-249); Texas, 14 (100-249); Mountain—Idaho, 6 (20-99); Colorado, 5 (100-249); New Mexico, 1 (1-19); Arizona, 4 (20-99); Utah, 2 (1-19); Pacific—Oregon, 19 (100-249); Alaska, 1 (1-19).
SIC 2442, Wirebound Boxes and Crates: New England—Maine, 1 (1-19); New Hampshire, 1 (1-19); Massachusetts, 2 (20-99); Rhode Island, 1 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New York, 5 (133); New Jersey, 3 (196); Pennsylvania, 6 (20-99); East North Central—Indiana, 2 (20-99); Michigan, 6 (20-99); West North Central—Minnesota, 1 (1-19); Iowa, 2 (20-99); Missouri, 2 (20-99); South Atlantic—Maryland, 1 (250-499); Virginia, 4 (500-999); West Virginia, 1 (1-19); North Carolina, 1 (1-19); East South Central—Tennessee, 3 (245); Alabama, 4 (250-499); Mississippi, 8 (1,000-2,499); West South Central—Arkansas, 3 (250-499); Louisiana, 2 (500-999); Pacific—Oregon, 1 (100-249); California, 8 (201).
SIC 2443, Veneer and Plywood Containers: New England—Vermont, 1 (20-99); Massachusetts, 3 (1-19); Middle Atlantic—Pennsylvania, 2 (1-19); East North Central—Indiana, 1 (100-249); Illinois, 5 (20-99); Michigan, 4 (20-99); Wisconsin, 2 (20-99); West North Central—Minnesota, 1 (1-19); South Atlantic—Maryland, 2 (1-19); West Virginia, 1 (20-99); North Carolina, 6 (500-999); South Carolina, 8 (408); Georgia, 2 (100-249); Florida, 1 (1-19); East South Central—Tennessee, 3 (116); Alabama, 5 (20-99); West South Central—Arkansas, 2 (100-249); Mountain—Colorado, 1 (1-19); Pacific—California, 9 (100-249).

SIC 2445, Cooperage: New England—Maine, 7 (20-99); New Hampshire, 3 (20-99); Vermont, 1 (1-19); Massachusetts, 4 (1-19); Middle Atlantic—New York, 6 (20-99); New Jersey, 6 (20-99); Pennsylvania, 6 (20-99); East North Central—Indiana, 4 (20-99); Illinois, 6 (231); Wisconsin, 1 (1-19); West North Central—Minnesota, 3 (20-99); Iowa, 1 (1-19); Missouri, 10 (250-499); South Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Maryland, 7 (194); Virginia, 2 (1-19); West Virginia, 1 (1-19); North Carolina, 1 (1-19); Florida, 2 (1-14); East South Central—Tennessee, 4 (321); Alabama, 1 (1-19); West South Central—Arkansas, 3 (232); Louisiana, 1 (1-19); Texas, 1 (1-19); Mountain—Colorado, 1 (1-19); Pacific—Washington, 1 (1-19); Oregon, 1 (1-19); California, 3 (20-99).

SIC 2491, Wood Preserving: New England—New Hampshire, 1 (20-99); Massachusetts, 2 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New York, 5 (20-99); New Jersey, 2 (20-99); East North Central—Ohio, 7 (182); Michigan, 5 (20-99); West North Central—North Dakota, 1 (1-19); South Dakota, 4 (20-99); South Atlantic—Delaware, 1 (20-99); West Virginia, 6 (100-249); East South Central—Kentucky, 5 (20-99); Tennessee, 4 (228); Mountain—Montana, 7 (20-99); Wyoming, 3 (178); Colorado, 2 (100-249); New Mexico, 1 (1-19); Arizona, 1 (1-19); Pacific—Washington, 11 (409); Alaska, 1 (1-19); Hawaii, 2 (20-99).

SIC 2499, Wood Products, N.E.C.: New England—New Hampshire, 42 (500-999); Massachusetts, 124 (2,500-4,999); Connecticut, 31 (250-499); Middle Atlantic—New York, 277 (5,000-9,999); New Jersey, 79 (1,000-2,499); East North Central—Ohio, 140 (1,753); Michigan, 191 (3,705); West North Central—North Dakota, 1 (1-19); South Dakota, 3 (20-99); Nebraska, 6 (352); Kansas, 9 (20-99); South Atlantic—Delaware, 3 (100-249); District of Columbia, 2 (1-19); East South Central—Kentucky, 43 (689); Tennessee, 60 (1971); West South Central—Oklahoma, 14 (20-99); Mountain—Idaho, 4 (20-99); Colorado, 8 (20-99); New Mexico, 3 (1-19); Arizona, 9 (20-99); Utah, 5 (20-99); Nevada, 4 (1-19); Pacific—Washington, 47 (557); Alaska, 1 (1-19); Hawaii, 21 (100-249).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Nailed wooden boxes and shooks (SIC 2441)	Wirebound boxes and crates (SIC 2442)	Veneer and ply- wood containers (SIC 2443)	Cooperage (SIC 2445)	Wood preserving (SIC 2491)	Wood products, n.e.c. (SIC 2499)
Primary product specialization ratio ¹.....	.85	.92	.90	.97	.98	.92
Coverage ratio ².....	.83	.93	.79	.99	.97	.87
Establishments, total.....number..	663	117	99	107	338	2,896
With 1 to 19 employees.....do....	480	47	55	84	181	2,194
With 20 to 99 employees.....do....	160	32	33	14	131	620
With 100 employees or more.....do....	23	38	11	9	26	82
Proprietors and working partners.....do....	473	46	66	49	117	1,929
All employees (average for the year).....do....	14,483	9,893	3,953	2,616	11,178	57,981
Payroll (all employees), total for year.....\$1,000..	55,858	32,717	11,649	11,580	45,257	237,442
Production workers:						
Average for the year.....number..	12,934	9,012	3,682	2,320	9,468	49,994
March.....do....	12,114	8,731	3,601	2,344	9,183	48,688
May.....do....	13,050	9,052	3,822	2,273	9,530	49,801
August.....do....	14,021	9,033	3,769	2,180	9,880	50,374
November.....do....	12,572	9,234	3,531	2,478	9,278	51,229
Man-hours.....1,000..	26,277	17,697	6,974	4,385	19,373	99,538
January-March.....do....	5,942	4,210	1,594	1,169	4,474	24,144
April-June.....do....	6,910	4,562	1,889	1,134	4,927	25,001
July-September.....do....	7,111	4,479	1,849	939	5,140	24,677
October-December.....do....	6,314	4,461	1,676	1,164	4,832	25,716
Wages.....\$1,000..	45,944	26,669	9,889	9,585	34,741	184,311
Cost of materials, etc., total.....do....	121,169	59,134	12,366	34,978	155,434	365,201
Materials, parts, containers, and supplies consumed.....do....	97,649	53,795	10,407	33,497	143,628	326,084
Cost of resales.....do....	18,922	3,803	1,515	778	5,855	18,664
Fuels consumed.....do....	777	237	93	203	3,550	8,570
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	92	52	11	19	62	696
Cost.....\$1,000..	1,643	929	213	313	1,272	9,245
Generated less sold.....million kw.-hrs..	1	(D)	-	(D)	(D)	323
Contract work.....\$1,000..	2,178	370	138	187	1,129	2,638
Value of shipments (including resales), total.....do....	206,020	114,669	27,923	52,917	247,294	785,367
Value of resales.....do....	21,210	4,520	1,799	1,904	6,995	23,285
Value added by manufacture, adjusted.....do....	85,046	55,606	16,086	17,494	93,265	420,283
Manufacturers' inventories:						
Beginning of year, total.....do....	23,394	13,496	4,647	20,072	60,544	102,471
Finished products.....do....	6,907	4,712	3,212	1,311	33,107	36,208
Work-in-process.....do....	2,807	1,943	542	5,297	7,811	17,523
Materials, supplies, fuel, etc.....do....	13,680	6,841	893	13,464	19,626	48,740
End of year, total.....do....	25,325	13,594	5,161	16,553	61,884	101,169
Finished products.....do....	7,020	4,690	3,645	1,524	33,122	35,912
Work-in-process.....do....	2,889	2,036	638	4,639	9,201	17,936
Materials, supplies, fuel, etc.....do....	15,416	6,868	878	10,490	19,561	47,321
Expenditures for plant and equipment, total.....do....	6,687	2,034	482	634	6,081	34,925
New, total.....do....	6,014	1,565	336	616	5,548	32,940
New structures and additions to plant.....do....	2,754	316	120	106	1,004	8,704
New machinery and equipment.....do....	3,260	1,249	216	510	4,544	24,236
Used plant and equipment.....do....	673	469	146	18	533	1,985
Selected operating ratios:						
Payroll/Total employment.....	3,857	3,307	2,947	4,427	4,049	4,095
Production workers/Total employment.....	.89	.91	.93	.89	.85	.86
Man-hours/Production workers.....	2,032	1,964	1,894	1,890	2,046	1,991
Production worker wages/Man-hours.....	1.75	1.51	1.42	2.19	1.79	1.85
Cost of materials and payrolls/Total value of shipments....	.86	.80	.86	.88	.81	.77
Cost of materials/Total value of shipments.....	.59	.52	.44	.66	.63	.47
Adjusted value added/Total employment.....	5,872	5,621	4,064	6,687	8,344	7,249
Salaries and wages/Adjusted value added.....	.66	.59	.72	.66	.49	.56

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2441.—NAILED WOODEN BOXES AND SHOOK											
Establishments.....number..	663	249	107	124	110	50	17	6	-	-	-
All employees:											
Total.....do....	14,483	485	752	1,763	3,336	3,552	2,385	2,210	-	-	-
Payroll.....\$1,000..	55,858	1,617	2,886	6,521	12,740	13,222	8,749	10,123	-	-	-
Value added, adjusted.....do....	85,046	3,512	4,650	10,319	22,231	18,752	11,792	13,790	-	-	-
Value of shipments.....do....	206,020	8,004	12,105	25,274	53,089	44,365	26,262	36,921	-	-	-
Capital expenditures, new...do....	6,014	¹ 1,404	177	449	802	865	520	1,797	-	-	-
INDUSTRY 2442.—WIREBOUND BOXES AND CRATES											
Establishments.....number..	117	30	5	12	14	18	26	12	-	-	-
All employees:											
Total.....do....	9,893	48	34	176	436	1,357	3,831	4,011	-	-	-
Payroll.....\$1,000..	32,717	179	122	642	1,817	5,114	12,411	12,432	-	-	-
Value added, adjusted.....do....	55,606	366	260	930	3,811	8,283	20,941	21,015	-	-	-
Value of shipments.....do....	114,669	739	570	1,767	6,944	18,065	44,954	41,630	-	-	-
Capital expenditures, new...do....	1,565	14	6	37	120	161	568	659	-	-	-
INDUSTRY 2443.—VENEER AND PLYWOOD CONTAINERS											
Establishments.....number..	99	23	18	14	17	16	8	3	-	-	-
All employees:											
Total.....do....	3,953	38	118	186	567	1,045	1,065	934	-	-	-
Payroll.....\$1,000..	11,649	136	355	565	1,677	3,118	3,018	2,780	-	-	-
Value added, adjusted.....do....	16,086	209	666	938	2,241	4,388	4,117	3,527	-	-	-
Value of shipments.....do....	27,923	373	1,087	1,666	4,174	7,741	6,651	6,231	-	-	-
Capital expenditures, new...do....	336	7	17	24	44	95	123	26	-	-	-
INDUSTRY 2445.—COOPERAGE											
Establishments.....number..	107	49	13	22	10	4	8	1	-	-	-
All employees:											
Total.....do....	2,616	101	93	284	298	249	<u>1,591</u>	(D)	-	-	-
Payroll.....\$1,000..	11,580	341	308	1,160	1,149	961	<u>7,661</u>	(D)	-	-	-
Value added, adjusted.....do....	17,494	763	581	2,042	1,499	1,445	<u>11,164</u>	(D)	-	-	-
Value of shipments.....do....	52,917	2,461	1,688	4,918	5,043	5,539	<u>33,268</u>	(D)	-	-	-
Capital expenditures, new...do....	616	31	13	41	50	38	<u>443</u>	(D)	-	-	-
INDUSTRY 2491.—WOOD PRESERVING											
Establishments.....number..	338	79	41	61	75	56	26	-	-	-	-
All employees:											
Total.....do....	11,178	152	263	844	2,463	3,958	3,498	-	-	-	-
Payroll.....\$1,000..	45,257	560	819	3,070	10,342	16,781	13,685	-	-	-	-
Value added, adjusted.....do....	93,265	1,002	1,494	5,800	23,815	34,060	27,094	-	-	-	-
Value of shipments.....do....	247,294	2,829	4,961	17,661	58,637	92,972	70,234	-	-	-	-
Capital expenditures, new...do....	5,548	112	167	300	1,123	2,103	1,743	-	-	-	-
INDUSTRY 2499.—WOOD PRODUCTS, N.E.C.											
Establishments.....number..	2,896	1,232	484	478	430	191	64	14	2	-	1
All employees:											
Total.....do....	57,981	2,164	3,231	6,559	13,468	13,244	9,829	5,210	<u>4,276</u>	-	(D)
Payroll.....\$1,000..	237,442	7,538	11,936	24,139	50,219	51,546	40,428	26,246	<u>25,390</u>	-	(D)
Value added, adjusted.....do....	420,283	13,987	20,839	40,697	83,101	89,983	70,849	50,385	<u>50,442</u>	-	(D)
Value of shipments.....do....	785,367	29,153	40,632	83,587	162,476	168,422	134,812	90,366	<u>75,919</u>	-	(D)
Capital expenditures, new...do....	32,940	² 1,282	1,182	2,064	4,094	6,005	6,887	<u>11,426</u>	(D)	-	(D)

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left. n.e.c. Not elsewhere classified.

¹ Includes capital expenditures of approximately \$1-\$2 million for plants under construction but not in operation.² Includes capital expenditures of approximately \$200-\$500 thousand for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(Col. A)	(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)
		(1,000)	(1,000)	(1,000)	(1,000)	(percent)	(1,000)	(1,000)	(1,000)	(percent)
		A	B	C	D	E	F	G	H	I
2441	Nailed wooden boxes and shook.....1963..	206,020	156,531	26,693	22,796	85	189,357	156,531	32,826	83
	1958..	211,407	166,809	26,650	17,948	86	208,732	166,809	41,923	80
2442	Wirebound boxes and crates.....1963..	114,669	99,926	9,272	5,471	92	107,644	99,926	7,718	93
	1958..	97,991	86,213	7,130	4,647	92	92,201	86,213	5,988	94
2443	Veneer and plywood containers.....1963..	27,923	23,184	2,476	2,263	90	29,243	23,184	6,059	79
	1958..	30,271	26,631	2,016	1,624	93	30,225	26,631	3,594	88
2445	Cooperage.....1963..	52,917	49,074	1,632	2,211	97	49,536	49,074	462	99
	1958..	70,070	66,419	3,031	620	95	67,479	66,419	1,060	98
2491	Wood preserving.....1963..	247,294	232,718	3,846	10,730	98	240,282	232,718	7,564	97
	1958..	202,957	193,101	3,127	6,729	98	201,307	193,101	8,206	96
2499	Wood products, n.e.c.....1963..	785,367	693,965	61,814	29,588	92	797,682	693,965	103,717	87
	1958..	1,584,308	498,902	51,238	34,168	91	578,030	499,902	78,128	86

Note: See Introduction for an explanation of terms used.

¹Data for Alaska and Hawaii are not included.
n.e.c. Not elsewhere classified.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Nailed wooden boxes and shooks (SIC 2441)	Wirebound boxes and crates (SIC 2442)	Veneer and plywood containers (SIC 2443)	Cooperage (SIC 2445)	Other industries
WOODEN CONTAINERS							
	Total shipments and receipts of the industry.....	(X)	206,020	114,669	27,923	52,917	(X)
	Wooden containers.....	(X)	159,437	105,562	25,255	49,084	(X)
24411	Cigar boxes, wooden and part wooden; nailed or lock corner boxes...	83,768	72,675	(under 2)	(under 2)	(under 2)	¹ 10,188
24412	Box shooks; fruit, vegetable, industrial, etc.....	90,214	68,835	(under 2)	(under 2)	(under 2)	² 19,307
24410	Nailed wooden boxes and shooks, n.s.k.....	15,375	15,021	(under 2)	-	-	(under 2)
24420	Wirebound boxes made from lumber, veneer, and plywood.....	107,644	(2-5)	99,926	(under 2)	-	³ 3,674
24430	Veneer and plywood container, except boxes and crates.....	29,243	209	3,378	23,184	-	2,472
24450	Slack and tight cooperage.....	49,536	(under 2)	-	-	49,074	(under 2)
Other	Other products.....	(X)	23,787	3,636	405	1,622	(X)
2421-	Sawmills and planing mills.....	(X)	7,967	1,050	-	(under 2)	(X)
24992	Pallets and skids.....	(X)	5,043	926	(under 2)	-	(X)
	Other secondary products.....	(X)	10,777	1,660	(under 2)	(under 2)	(X)
	Miscellaneous receipts.....	(X)	22,796	5,471	2,263	2,211	(X)
93000	Contract work.....	(X)	771	68	(under 2)	259	(X)
99980	Repair work and other receipts.....	(X)	815	883	(under 2)	48	(X)
99989	Resales of products manufactured by others.....	(X)	21,210	4,520	1,799	1,904	(X)
MISCELLANEOUS WOOD PRODUCTS							
	Total shipments and receipts of the industry.....	(X)		247,294	785,367		(X)
24911	Wood owned and treated by same establishment.....	209,084		201,894	(under 2)		⁴ (5-10)
24919	Contract wood preserving.....	25,913		25,703	-		210
24910	Wood preserving, n.s.k.....	5,285		5,121	-		164
24991	Mirror and picture frames.....	82,244		-	79,592		2,652
24992	Pallets and skids.....	98,699		(under 2)	85,551		⁵ (10-15)
24993	Particleboard.....	54,883		-	42,976		⁶ 11,907
24994	Cork products.....	25,629		-	9,338		⁷ 16,291
24995	Wood products, n.e.c.....	340,825		-	300,029		⁸ 40,796
24996	Hard-pressed wood fiberboard.....	131,370		-	113,835		⁹ 17,535
24990	Wood products, n.e.c., n.s.k.....	64,032		(under 2)	62,644		(under 2)
24211	Rough lumber and sawed ties.....	(X)		(under 2)	2,428		(X)
24262	Hardwood dimension stock, furniture parts, and vehicle stock.....	(X)		(under 2)	7,223		(X)
24411	Cigar boxes, wooden and part wooden; nailed or lock corner boxes.....	(X)		(X)	3,889		(X)
26611	Insulating board.....	(X)		(X)	(5-10)		(X)
32315	Mirrors.....	(X)		(X)	(2-5)		(X)
33230	Steel castings.....	(X)		(X)	(2-5)		(X)
37176	Parts and accessories for passenger cars, trucks, and busses, shipped to other than motor vehicle manufacturers.....	(X)		(X)	(2-5)		(X)
	Other products.....	(X)		3,158	35,040		(X)
	Miscellaneous receipts.....	(X)		10,730	29,588		(X)
93000	Contract work.....	(X)		3,260	3,555		(X)
99980	Repair work and other receipts.....	(X)		475	2,748		(X)
99989	Resales of products manufactured by others.....	(X)		6,995	23,285		(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$3,889 thousand shipped by industry 2499, Wood Products, N.E.C.

²Includes \$10,954 thousand shipped by industry 2421, Sawmills and Planing Mills, and \$3,135 thousand shipped by industry 2431, Millwork Plants.

³Includes over \$2 million shipped by industry 2511, Wood Furniture, Not Upholstered, but exact figures are withheld to avoid disclosing figures for individual companies.

⁴Includes between \$5 and \$10 million shipped by industry 2421, Sawmills and Planing Mills.

⁵Includes \$2,715 thousand shipped by industry 2421, Sawmills and Planing Mills; \$2,250 thousand shipped by industry 2426, Hardwood Dimension and Flooring; and \$5,043 thousand shipped by industry 2441, Nailed Wooden Boxes and Shooks.

⁶Includes between \$2 million and \$10 million shipped by industry 2432, Veneer and Plywood Plants, and industry 2621, Paper Mills, Except Building.

⁷Includes between \$2 million and \$5 million shipped by industry 3293, Gaskets and Insulations, and between \$5 and \$10 million shipped by industry 3461, Metal Stampings.

⁸Includes \$3,237 thousand shipped by industry 2421, Sawmills and Planing Mills; \$2,639 thousand shipped by industry 2426, Hardwood Dimension and Flooring; between \$2 million and \$5 million shipped by industry 2432, Veneer and Plywood Plants; \$3,644 thousand shipped by industry 3079, Plastics Products, N.E.C.; \$3,317 thousand shipped by industry 3499, Fabricated Metal Products, N.E.C.; and between \$2 million and \$5 million shipped by industry 3999, Miscellaneous Products, N.E.C.

⁹Includes shipments by industry 2432, Veneer and Plywood Plants; industry 2621, Paper Mills, Except Building; and industry 2661, Building Paper and Board Mills.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2441- --	NAILED WOODEN BOXES AND SHOOK, TOTAL.....		(X)	189,357	(X)	208,732
24411 --	Nailed and lock corner wooden boxes.....		(X)	83,768	(X)	84,427
24411 11	Cigar boxes, wooden and part wooden.....	1,000 boxes...	17,968	2,371	20,932	2,534
24411 21	Nailed or lock corner boxes made from lumber:					
	For fruits and vegetables:					
	Quantity reported.....	1,000 bd. ft...	100,636	13,579	80,254	10,904
	Quantity not reported.....		(X)	(X)	(X)	3,076
24411 31	For milk bottles and cartons.....	1,000 boxes...	3,292	6,424	2,644	6,367
24411 51	For industrial and other uses:					
	Quantity reported.....	1,000 bd. ft...	204,987	34,750	141,393	28,420
	Quantity not reported.....		(X)	4,648	(X)	7,555
24411 61	Nailed or lock corner boxes made from veneer and plywood:					
	For fruits and vegetables.....	1,000 sq. ft. surf. meas. cons.....	5,057	387	(NA)	647
		...do.....	41,436	9,416	(NA)	9,527
24411 71	For industrial and other uses.....	...do.....				
24411 81	Combination wood and fiber boxes.....	1,000 con.....	12,034	3,724	(NA)	6,343
24411 00	Nailed and lock corner wooden boxes, n.s.k.....		(X)	8,469	(X)	9,054
24412 --	Box shook: Fruits, vegetables, industrial, etc.....		(X)	90,214	(X)	104,768
24412 11	Lumber:					
	For fruits and vegetables:					
	Quantity reported.....	1,000 bd. ft...	340,126	35,692	374,236	37,840
	Quantity not reported.....		(X)	(X)	(X)	4,677
24412 15	For industrial and other uses.....	1,000 bd. ft...	242,156	32,867	289,709	35,803
24412 31	Veneer:					
	For fruits and vegetables.....	1,000 sq. ft. surf. measure.	165,205	7,230	(NA)	10,972
24412 39	For meat (other than canned) industrial and other uses:					
	Quantity reported.....	...do.....	15,188	782	(X)	3,892
	Quantity not reported.....		(X)	623	(X)	(X)
24412 55	Plywood:					
	For fruits, vegetables, industrial and other uses:					
	Quantity reported.....	1,000 sq. ft. surf. measure.	104,581	7,082	97,505	5,755
	Quantity not reported.....		(X)	871	(X)	(X)
24412 00	Material and use, n.s.k.....		(X)	5,067	(X)	5,829
24410 00	Nailed wooden boxes and shook, n.s.k.....		(X)	15,375	(X)	19,537
2442- --	WIREBOUND BOXES AND CRATES, TOTAL.....		(X)	107,644	(X)	92,201
24420 11	Wirebound boxes made from lumber:					
	Quantity reported.....	1,000 boxes...	5,730	14,190	4,089	9,913
	Quantity not reported.....		(X)	(X)	(X)	1,101
24420 21	Wirebound boxes made from veneer and plywood:					
	For fruits and vegetables.....	1,000 boxes...	83,888	28,830	73,143	28,776
	For meat (other than canned).....	...do.....	11,562	5,750	14,343	7,367
	For poultry.....	...do.....	61,818	25,446	46,106	18,956
	For industrial and other uses.....	...do.....	25,362	28,352	21,869	25,753
24420 00	Wirebound boxes and crates, n.s.k.....		(X)	5,076	(X)	335
2443- --	VENEER AND PLYWOOD CONTAINERS, EXCEPT BOXES AND CRATES, TOTAL..		(X)	29,243	(X)	30,225
24430 11	Veneer and plywood containers (pails, drums, tubs, etc.):					
	Quantity reported.....	1,000.....	8,137	1,781	(NA)	957
	Quantity not reported.....		(X)	501	(X)	(X)
24430 31	Fruit and vegetable baskets and hampers:					
	Hampers:					
	Quantity reported.....	1,000.....	11,034	3,188	12,253	3,577
	Quantity not reported.....		(X)	(X)	(X)	1,256
24430 41	Continuous stave baskets:					
	Quantity reported.....	1,000.....	19,230	5,532	22,193	6,464
	Quantity not reported.....		(X)	(X)	(X)	966

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2443- --	VENEER AND PLYWOOD CONTAINERS, EXCEPT BOXES AND CRATES—Con.					
	Fruit and vegetable baskets and hampers—continued					
24430 51	Short stave baskets.....	1,000.....	19,393	6,522	20,337	6,789
24430 61	Berry cups and tills:					
	Quantity reported.....	...do.....	197,758	2,970	257,755	4,078
	Quantity not reported.....		(X)	(X)	(X)	504
24430 81	Other (including climax and splint baskets).....	1,000.....	(X)	3,894	(X)	5,634
24430 00	Veneer and plywood containers, except boxes and crates, n.s.k....		(X)	4,855		
2445- --	COOPERAGE, TOTAL.....		(X)	49,536	(X)	67,479
24450 12	Slack cooperage (hogsheads, barrels, and kegs), including recoopered used slack barrels and kegs:					
	Quantity reported.....	1,000 units....	2,861	4,308	5,110	6,781
	Quantity not reported.....		(X)	1,083	(X)	1,244
	Tight cooperage, hogsheads, barrels, and kegs for bourbon and other whiskey:					
24450 53	New.....	1,000 units....	1,743	35,936	1,980	40,518
24450 55	Recoopered used.....	...do.....	487	1,643	(NA)	9,783
24450 59	Other tight cooperage including recoopered used tight barrels, kegs, etc.....		(NA)	3,029		
24450 00	Cooperage, n.s.k.....		(X)	3,537	(X)	9,153
2491- --	WOOD PRESERVING, TOTAL.....		(X)	240,282	(X)	201,307
24911 --	Wood owned and treated by this establishment:					
	Receipts from sales and transfers of wood owned and treated by this establishment.....		(X)	209,084	(X)	174,707
24911 13	Poles and crossarms.....		(X)	126,003	(NA)	(NA)
24911 15	Railway crossties and switch ties.....	Number.....	7,397,442	22,275	(NA)	(NA)
24911 17	Sawn lumber other than railway ties:					
	Quantity reported.....	1,000 bd. ft....	236,433	33,966	(NA)	(NA)
	Quantity not reported.....		(X)	4,032	(X)	(NA)
24911 19	Other wood products owned and treated by this establishment....		(X)	19,366	(NA)	(NA)
24911 00	Wood products owned and treated by this establishment, n.s.k....		(X)	3,442	(NA)	(NA)
24919 11	Receipts for treating wood owned by other establishments.....		(X)	25,913	(X)	24,276
24910 00	Wood preserving, n.s.k.....		(X)	5,285	(X)	2,324
2499- --	WOOD PRODUCTS, N.E.C., TOTAL ¹		(X)	797,682	(X)	578,030
24991 --	Mirror and picture frames.....		(X)	82,244	(X)	57,349
	Frames for mirrors and pictures:					
24991 11	Wood.....		(X)	26,801	(X)	12,620
24991 15	Metal.....		(X)	17,112	(X)	10,723
24991 21	Finished moldings for mirrors and pictures.....	1,000 lin. ft..	(²)	8,728	(²)	7,700
24991 51	Framed pictures.....		(X)	22,584	(X)	15,408
24991 00	Mirror and picture frames, n.s.k.....		(X)	7,019	(X)	10,898
24992 --	Pallets and skids.....		(X)	98,699	(X)	43,306
24992 61	Pallets, wooden:					
	Quantity reported.....	1,000.....	26,352	54,282	9,931	21,781
	Quantity not reported.....		(X)	12,819	(X)	6,923
24992 65	Skids, wooden.....	1,000.....	6,402	12,064	3,750	7,783
24992 63	Pallets and skids, wood and metal, combination.....	...do.....	(NA)	4,347	(NA)	2,226
24992 66						
24992 00	Pallets and skids, n.s.k.....		(X)	3 ¹ 5,187	(X)	4,593
24994 --	Cork products, n.s.k.....		(X)	25,629	(X)	30,635
24994 23	Cork disks and washers.....	Pounds.....	16,113	6,023	(NA)	8,493
24994 99	Other articles made of natural, granulated, and composition cork (shoe fittings, life-preserver blocks, cork flats, life preservers, expansion join material, newspaper mats, novelties, sheets, blocks, stoppers of all kinds, insulation products and floor and wall covering).....		(X)	19,226	(X)	19,947
24994 00	Cork products, n.s.k.....		(X)	380	(X)	2,195

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Products Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2499- --	WOOD PRODUCTS, N.E.C. ¹ —Continued					
24995 --	Wood products, n.e.c.....		(X)	340,825	(X)	266,602
24995 15	Rattan and willowware products, except furniture, including baskets other than fruit or vegetable baskets.....		(X)	3,636	(X)	11,122
	Lasts and related products:					
	Lasts for boots and shoes made of:					
24995 31	Wood.....	1,000 pairs.....	1,598	7,392	3,082	14,868
24995 33	Materials other than wood.....	...do.....	1,381	6,736		
24995 39	Related products (remodeled last sole patterns, forms, shoe trees, and stretchers for boots and shoes).....		(X)	6,612	(X)	47,066
24995 51	Handtool handles:					
	Striking tool handles (axe, pick, hammer, etc.).....	1,000 bd. ft., lumber consumed	(X)	9,080	(NA)	8,408
24995 53	Lifting and pulling tool handles (fork, rake, spade, shovel, etc.).....		(X)	5,789	(NA)	4,841
24995 55	Other handtool handles (peavey, scythe, shunt pole, canthook, and other mechanics, farm, garden, household, etc.):					
	Quantity reported.....	1,000 bd. ft., lumber consumed	(X)	1,772	16,941	4,833
	Quantity not reported.....		(X)	(X)	(X)	1,258
24995 57	Broom, mop and paint brush handles.....		(X)	14,432	(X)	518,851
24995 59	Other handles.....		(X)	7,728		
24995 61	Clothespins.....	1,000 gross.....	6,887	4,588	6,754	4,591
24995 62	Dowel and dowel pins.....		(X)	9,429	(X)	8,702
24995 63	Pencil slats.....		(X)	5,765	(X)	8,674
24995 66	Tanks and vats, wooden, except coopered.....		(X)	4,389	(X)	6,568
24995 71	Stepladders:					
	Quantity reported.....	1,000 lin. ft...	10,823	9,570	10,001	9,085
	Quantity not reported.....		(X)	(X)	(X)	1,862
24995 75	Rung ladders (nonextension, extension, and scaffolding ladders):					
	Quantity reported.....	1,000 lin. ft...	11,776	8,436	11,810	8,325
	Quantity not reported.....		(X)	1,913	(X)	2,048
24995 79	Other wooden scaffolding equipment (horses, scaffold jacks, extension planks, window jacks, etc.).....		(X)	703	(X)	62,428
24995 81	Wood novelties and specialties (bookends, ashtrays, figurines, busts, etc.).....		(X)	28,318	(X)	12,169
24995 83	Woodenware; turned, shaped, or molded (dishes, serving forks, spoons, salad and mixing bowls, etc.).....		(X)	11,245	(X)	5,361
24995 84	Flat veneer products (forks, spoons, plates, tongue depressors, applicators, etc.).....		(X)	7,547	(X)	8,803
24995 85	Wooden reels for wire and cable.....		(X)	16,913	(X)	8,079
Product code	Product	Unit of measure	1963		1958	
			Production for all purposes (quantity)	Total shipments, including interplant transfers	Production for all purposes (quantity)	Total shipments, including interplant transfers
				Quantity Value (\$1,000)		Quantity Value (\$1,000)
2499- --	WOOD PRODUCTS, N.E.C.—Continued ¹					
24995 --	Wood products, n.e.c.—continued					
24995 87	Toilet seats:					
	Total as reported in the census of manufactures...	1,000.....	(X)	10,628 28,076	(X)	8,439 26,995
	Total as reported in Current Industrial Reports Series M34B, Plumbing Fixtures, Summary for 1963 ⁷	...do.....	9,545	9,545 25,964	8,232	8,292 28,702
	Molded or wood:					
	Sprayed.....	...do.....	7,121	7,111 12,965	5,890	5,950 15,231
	Sheet covered.....	...do.....	576	580 2,578	593	602 3,132
	Plastic, solid and cored (including hard rubber)	...do.....	1,878	1,854 10,421	1,694	1,687 10,096
	Other.....	...do.....	(X)	(X) (X)	55	54 243

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2495- --	WOOD PRODUCTS, N.E.C.—Continued ¹							
2495 --	Wood products, n.e.c.—continued							
2495 88	Wood garment hangers.....		(X)	(X)	7,030	(NA)	(NA)	(NA)
2495 89	Wood flour.....	Short tons...	(X)	(NA)	3,645	(X)	(X)	3,172
2495 91	Other fabricated industrial parts, except hardwood		(X)	(X)	12,882	(X)	(X)	7,327
2495 98	Miscellaneous wooden goods and turnings, n.e.c., including snow fence, toothpicks and spools except textile machinery spools, and miscellaneous wooden goods, n.s.k.....		(X)	(X)	98,413	(X)	(X)	71,166
2495 69	Fabricated hardboard (pegboard, structural tile, etc.).....	Short tons consumed....	(X)	107,066	18,786	(⁸)	(⁸)	(⁸)
2496 --	Hard-pressed wood fiberboard: ⁹							
2496 11	Hard-pressed wood fiberboard (over 26 lbs. per cu. ft.).....	Short tons...	973,164	880,188	131,370	628,778	604,228	78,331
2496 21	Hard-pressed wood fiberboard (over 26 lbs. per cu. ft.).....	1,000 sq. ft. 1/8" basis..	2,806,979	2,777,281	(X)	1,761,943	1,657,066	(X)
2493 --	Particleboard (includes machine wood board made from splinters, flakes, shavings, or other wood residue) by process ¹⁰		(X)	(X)	54,883	(X)	(X)	17,345
2493 61	Platen.....	1,000 sq. ft. 3/4" basis..	454,449	430,765	53,088	(NA)	114,002	15,749
2493 65	Extruded.....	..do.....	40,318	13,026	1,795	(NA)	11,223	1,596
2490 00	Wood products, n.e.c., n.s.k.....		(X)	(X)	64,032	(X)	(X)	84,462

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Data for Alaska and Hawaii are included for 1958.

²Quantities for this product have been withheld because they failed to meet publication standards based on a consistency review.

³Includes approximately \$13 million reported by small establishments that were requested to report a breakdown of their shipments by product class only.

⁴Includes \$2,263 thousand for lasts and related products not specified by kind.

⁵Includes \$2,670 thousand for handles not specified by kind.

⁶Includes \$597 thousand for ladders and scaffolding equipment not specified by kind.

⁷Data for these products are available on a quarterly basis for intercensal years in Current Industrial Reports, Series M34E, Plumbing Fixtures.

⁸Shipments of fabricated hardboard products for 1958 were included with other industrial paper and board products, code 2649569.

⁹Data for these products are available on a monthly basis for intercensal years in Current Industrial Reports, Series M26A, Pulp, Paper and Board.

¹⁰Data for these products are available for intercensal years in Current Industrial Reports, Series BDSAF 582, Particleboard.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
244--	Wooden containers.....1963..	74	106
	.....1958..	80	108
2441-	Nailed wooden boxes and shook.....1963..	60	108
	.....1958..	76	101
24411	Nailed and lock corner wooden boxes.....1963..	55	110
	.....1958..	55	111
24412	Box shook fruits, vegetables, industrial, etc....1963..	60	107
	.....1958..	90	91
2442-	Wirebound boxes and crates.....1963..	108	103
	.....1958..	86	109
2443-	Veneer and plywood containers, except boxes and crates.....1963..	72	129
	.....1958..	73	131
2445-	Cooperage.....1963..	81	107
	.....1958..	91	127
249--	Miscellaneous wood products.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
2491-	Wood preserving.....1963..	116	113
	.....1958..	108	102
2499-	Wood products, n.e.c.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
24992	Pallets and skids.....1963..	277	98
	.....1958..	114	105
24996	Hard-pressed wood fiberboard.....1963..	192	134
	.....1958..	131	117
24993	Particleboard (includes machine wood board made from splinters, flakes, shavings, or other wood residue).....1963..	474	90
	.....1958..	134	101

n.e.c. Not elsewhere classified.

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2441-	Nailed wooden boxes and shook ²	189,357	218,926	193,107	211,178	214,703	208,732	297,953	315,028
24411	Cigar boxes, wooden and part wooden; nailed or lock corner boxes.....	83,768	93,105	79,703	88,196	87,683	84,427	134,659	155,139
24412	Box shook; fruits, vegetables, industrial, etc.....	90,214	100,951	97,750	107,945	109,578	104,768	148,721	159,889
24410	Nailed wooden boxes and shook, n.s.k.....	15,375	(S)	(S)	(S)	(S)	19,537	14,573	(X)
24420	Wirebound boxes made from lumber, veneer and plywood.....	107,644	119,011	103,767	98,048	97,804	92,201	90,578	73,019
24430	Veneer and plywood containers, except boxes and crates.....	29,243	31,544	33,267	30,570	30,423	30,225	31,602	31,741
24450	Cooperage.....	49,536	58,233	67,559	69,885	62,749	67,479	58,308	101,981
2491-	Wood preserving.....	240,282	213,888	211,035	214,681	211,097	201,307	183,266	174,592
24911	Wood owned and treated by same establish- ment.....	209,084	185,006	179,219	187,560	182,865	174,707	156,530	141,881
24919	Contract wood preserving.....	25,913	21,224	22,549	20,435	21,001	24,276	26,736	32,711
24910	Wood preserving, n.s.k.....	5,285	(S)	(S)	(S)	(S)	2,324	(X)	(X)
2499-	Wood products, n.e.c.....	797,682	628,463	572,516	579,792	574,199	³ 578,030	³ 467,448	³ 319,768
24991	Mirror and picture frames.....	82,244	75,959	62,535	67,813	64,935	57,349	45,012	24,656
24992	Pallets and skids.....	98,699	80,686	70,873	69,729	65,178	43,306	32,452	(NA)
24993	Particleboard.....	54,883	39,949	(S)	(S)	(S)	17,345	(⁴)	(⁴)
24994	Cork products.....	25,629	28,230	27,274	(S)	(S)	30,635	44,821	35,549
24995	Wood products, n.e.c.....	340,825	311,815	287,617	284,872	278,920	266,602	277,387	203,744
24996	Hard-pressed wood fiberboard.....	131,370	111,060	98,462	88,043	96,403	78,331	51,429	36,881
24990	Wood products, n.e.c., n.s.k.....	64,032	(S)	(S)	(S)	(S)	84,462	16,347	18,938

Note: Data for Alaska and Hawaii are not included prior to 1958.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because these estimates did not meet publication standards based on a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Revisions to totals reported for 1958 through 1962 are due to changes for significantly large plants.

³Considerable revisions were made in the definition of this industry from 1947 through 1958. As a result, data shown for this industry prior to 1958 are not directly comparable with those shown for 1958 and later years.

⁴Particleboard was not reported separately in 1954 and 1947 but was included with "Other plywood-type products" in industry 2432, Veneer and Plywood Plants.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments
	1963 ¹		1963 ¹	1958		1963 ¹
CIGAR BOXES, WOODEN OR PART WOODEN; NAILED AND LOCK CORNER BOXES (24411)		WOOD OWNED AND TREATED BY THIS ESTABLISHMENT (24911)			PALLETS AND SKIDS (24992)—Continued	
United States, total.....	83,768	United States, total.....	209,084	174,707	New England—Continued	
New England.....	7,025	Northeast.....	7,927	7,443	Connecticut.....	1,127
Massachusetts.....	3,638	East North Central.....	15,216	14,447	Middle Atlantic.....	16,720
Connecticut.....	2,270	Indiana.....	2,767	1,940	New York.....	5,410
Middle Atlantic.....	17,710	Illinois.....	7,755	1,940	New Jersey.....	2,743
New York.....	7,831	Wisconsin.....	1,667	1,500	Pennsylvania.....	8,567
New Jersey.....	3,066	West North Central.....	10,762	14,095	East North Central.....	27,916
Pennsylvania.....	6,813	Minnesota.....	7,117	8,999	Ohio.....	8,105
East North Central.....	12,923	South Atlantic.....	58,159	46,861	Indiana.....	5,350
Ohio.....	2,607	Virginia.....	8,236	2,738	Illinois.....	1,221
Indiana.....	1,508	West Virginia.....	1,271	6,274	Michigan.....	9,775
Illinois.....	2,470	North Carolina.....	4,829	3,012	Wisconsin.....	3,465
Michigan.....	2,596	South Carolina.....	10,777	8,518	West North Central.....	4,558
Wisconsin.....	3,742	Georgia.....	17,085	15,154	Missouri.....	3,469
West North Central.....	4,514	Florida.....	11,593	9,839	South Atlantic.....	14,669
Missouri.....	2,655	East South Central.....	35,580	31,628	Maryland.....	2,000
South Atlantic.....	10,460	Alabama.....	13,442	8,577	Virginia.....	6,077
Maryland.....	1,367	Mississippi.....	14,806	13,131	North Carolina.....	3,040
Virginia.....	2,743	West South Central.....	42,105	38,168	Georgia.....	1,398
Florida.....	2,726	Arkansas.....	8,154	6,166	Florida.....	1,183
East South Central.....	8,449	Louisiana.....	15,712	14,556	East South Central.....	9,663
Tennessee.....	6,227	Oklahoma.....	4,673	3,323	Kentucky.....	3,301
Alabama.....	1,275	Texas.....	13,566	13,823	Tennessee.....	2,192
West South Central.....	5,797	Mountain.....	9,495	5,080	Alabama.....	1,970
Arkansas.....	3,326	Montana.....	3,115	(Z)	Mississippi.....	2,200
West.....	16,890	Idaho.....	3,123	1,922	West South Central.....	6,723
Oregon.....	1,832	Pacific.....	29,840	16,985	Arkansas.....	3,145
California.....	12,135	Oregon.....	9,412	5,752	Texas.....	3,060
BOX SHOOK: FRUITS, VEGETABLE, INDUSTRIAL, ETC. (24412)		California.....	12,055	4,846	West.....	12,934
United States, total.....	90,214	MIRROR AND PICTURE FRAMES (24991)			Washington.....	1,199
New England.....	7,960	United States, total.....	82,244	57,349	Oregon.....	1,432
Maine.....	1,705	New England.....	3,626	2,400	California.....	10,092
New Hampshire.....	3,207	Massachusetts.....	2,965	1,895	PARTICLEBOARD (24993)	
Middle Atlantic.....	2,381	Middle Atlantic.....	22,109	17,556	United States, total.....	54,883
New York.....	1,303	New York.....	15,601	12,686	Northeast and North Central	5,684
East North Central.....	8,441	New Jersey.....	5,681	3,956	South Atlantic.....	15,696
Ohio.....	3,319	East North Central.....	37,886	25,091	East South Central.....	1,855
Wisconsin.....	3,290	Illinois.....	30,771	19,789	West South Central.....	5,068
West North Central.....	3,731	Michigan.....	2,580	2,006	West.....	26,580
Minnesota.....	1,964	West North Central.....	2,922	1,400	Oregon.....	14,113
South Atlantic.....	13,010	Missouri.....	2,272	(Z)	WOOD PRODUCTS, N.E.C. (24995)	
Virginia.....	4,711	South.....	8,706	(2)	United States, total.....	340,825
North Carolina.....	1,644	Virginia.....	1,156	(Z)	New England.....	75,875
Georgia.....	3,208	Georgia.....	2,055	1,644	Maine.....	30,361
Florida.....	1,740	West.....	6,995	(2)	New Hampshire.....	7,913
East South Central.....	6,785	California.....	6,279	4,716	Vermont.....	6,792
Tennessee.....	2,935	PALLETS AND SKIDS (24992)			Massachusetts.....	23,109
West South Central.....	4,215	United States, total.....	98,699		Rhode Island.....	1,501
Mountain.....	1,577	New England.....	5,516		Connecticut.....	6,199
Pacific.....	42,114	Massachusetts.....	3,042		Middle Atlantic.....	54,835
Washington.....	4,176				New York.....	34,562
California.....	34,157				New Jersey.....	9,253
					Pennsylvania.....	11,020
					East North Central.....	76,247
					Ohio.....	12,485
					Indiana.....	13,233
					Illinois.....	17,068

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
WOOD PRODUCTS, N.E.C. (24995)—Continued			WOOD PRODUCTS, N.E.C. (24995)—Continued			WOOD PRODUCTS, N.E.C. (24995)—Continued		
East North Central—Con.			East North Central—Con.			East South Central—Con.		
Michigan.....	22,586	15,652	North Carolina.....	8,087	4,699	Mississippi.....	9,166	7,267
Wisconsin.....	10,875	7,384	South Carolina.....	1,797	(Z)	West South Central.....	22,979	10,758
West North Central.....	21,238	20,664	Georgia.....	2,610	1,263	Arkansas.....	4,766	2,911
Minnesota.....	6,329	6,662	Florida.....	2,018	1,172	Louisiana.....	7,694	2,171
Missouri.....	7,424	9,470				Texas.....	10,251	5,423
South Atlantic.....	19,249	13,047	East South Central.....	25,307	19,997	West.....	45,095	43,836
Virginia.....	1,453	2,754	Kentucky.....	2,002	2,258	Washington.....	4,150	8,433
			Tennessee.....	11,723	9,476	Oregon.....	7,212	6,884
			Alabama.....	2,416	(Z)	California.....	32,176	27,429

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported. n.e.c. Not elsewhere classified.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 24411, Iowa, North Carolina, South Carolina, Texas, and Arizona; 24412, Vermont, Kansas, Mississippi, Arkansas, Texas, and Oregon; 24911, New Jersey, Pennsylvania, Ohio, Missouri, South Dakota, Delaware, Maryland, Kentucky, Tennessee, Colorado, and Washington; 24991, Indiana and Mississippi; 24993, Pennsylvania, Illinois, Virginia, North Carolina, Tennessee, Arkansas, Texas, and California; 24995, Iowa, Nebraska, Delaware, and Maryland.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958			
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)		
			INDUSTRY 2441.—NAILED WOODEN BOXES AND SHOOK					
	Materials, containers, and supplies, total.....		(X)	97,649	(X)	103,608		
241108	Logs and bolts.....	1,000 ft. (log scale).....	184,191	3,794	218,608	7,964		
242110	Rough lumber:							
	Hardwood.....	1,000 bd. ft....	203,615	13,694	187,204	10,575		
	Softwood.....	..do.....	304,426	20,549	362,078	22,759		
242121	Dressed lumber:							
	Hardwood.....	..do.....	40,648	3,881	41,120	3,932		
242128	Softwood:							
	Quantity reported.....	..do.....	125,842	10,418	192,970	9,665		
	Quantity not reported.....	..do.....	(X)	(X)	(X)	3,081		
243260	Softwood veneer.....	1,000 sq. ft....	19,080	1,433	9,680	771		
243250	Hardwood veneer.....	..do.....	}	(S)	{	112,086	1,532	
243215	Hardwood plywood, container-type.....	..do.....				22,730	1,514	
243203	Softwood plywood.....	..do.....				21,949	2,016	
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	22,245	(X)	19,150		
976000	All other materials and components, parts, containers and supplies consumed, n.s.k.....		(X)	18,102	(X)	20,649		
			1963			1958		
			Quantity	Delivered cost (\$1,000)	Quantity produced and consumed in the same establishment	Quantity	Delivered cost (\$1,000)	Quantity produced and consumed in the same establishment
			INDUSTRY 2442.—WIREBOUND BOXES AND CRATES					
	Materials, parts, and supplies, total.....		(X)	53,795	(X)	(X)	46,794	(X)
241108	Logs and bolts.....	1,000 ft.....	144,924	8,692	17,057	132,528	7,502	18,093
242110	Rough lumber:							
242118	Hardwood.....	1,000 bd. ft....	109,442	6,620	24,204	90,774	5,404	25,697
	Softwood.....	..do.....	29,833	1,765	4,503	11,527	835	(NA)
242121	Dressed lumber:							
	Hardwood:							
	Quantity reported.....	..do.....	39,448	2,527	(X)	49,156	3,453	(X)
	Quantity not reported.....	..do.....	(X)	(X)	(X)	(X)	609	(X)
242128	Softwood.....	1,000 bd. ft....	37,740	2,728	(X)	19,591	1,317	(X)
243250	Hardwood veneer.....	1,000 sq. ft....	487,350	8,565	477,560	710,184	10,012	488,931
243260	Softwood veneer.....	..do.....	37,821	3,846	(X)	13,972	1,560	(X)
243215	Hardwood plywood, container-type.....	1,000 sq. ft. surface measure.	9,269	1,191	}	(X)	(X)	139
243203	Softwood plywood.....	1,000 sq. ft. 3/8" basis.....	1,511	197				
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	13,474	(X)	(X)	12,621	(X)
976000	All other materials and components, parts, containers and supplies consumed, n.s.k.....		(X)	4,190	(X)	(X)	3,342	(X)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2443.—VENEER AND PLYWOOD CONTAINERS			
	Materials, parts, and supplies, total.....		(X)	10,407	(X)	10,093
241108	Logs and bolts.....	1,000 ft. (log scale).....	49,345	3,097	66,735	4,174
242110, 18	Rough lumber, hardwood and softwood.....	1,000 bd. ft....	11,154	761	(NA)	838
242121, 28		...do.....	3,331	214	(NA)	265
243250	Hardwood veneer.....	1,000 sq. ft. surface measure	(X)	413	(X)	517
243260	Softwood veneer.....	1,000 sq. ft. 1" basis.....				
243215	Hardwood plywood, container type.....	1,000 sq. ft. surface measure				
243203	Softwood plywood.....	1,000 sq. ft. 3/8" basis.....				
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	3,269	(X)	3,172
976000	All other materials and components, parts, containers and supplies consumed, n.s.k. ¹		(X)	2,653	(X)	1,127
			INDUSTRY 2491.—WOOD PRESERVING			
	Materials, parts, and supplies, total.....		(X)	143,628	(X)	117,946
241109	Treated in this establishment: Poles, piling, and other round or hewn wood products.....		(X)	55,303	(X)	44,569
242110	Rough lumber: Hardwood.....	1,000 bd. ft....	158,733	11,996	213,194	12,808
242118	Softwood.....	...do.....	276,636	23,012	(NA)	13,752
281403	Consumed in this establishment: Creosote oil.....	1,000 gallons...	124,604	29,428	115,616	26,123
970099	All other materials and components, parts, containers and supplies consumed.....		(X)	12,539	(X)	15,505
976000	All other materials and components, parts, containers and supplies consumed, n.s.k. ¹		(X)	11,350	(X)	5,189
			INDUSTRY 2499.—WOOD PRODUCTS, N.E.C.			
	Materials, containers, and supplies consumed, total.....		(X)	326,084	(X)	243,183
241108	Logs and bolts: Quantity reported.....	1,000 ft. (log scale).....	332,057	17,461	232,834	11,780
	Quantity not reported.....		(X)	2,076	(X)	1,922
241199	Pulpwood bolts and logs ²	Cords of 128 cu. ft.....	596,450	8,788	492,639	8,067
242110	Rough lumber: Hardwood: Quantity reported.....	1,000 bd. ft....	403,735	28,214	240,837	18,349
	Quantity not reported.....		(X)	3,915	(X)	(X)
242118	Softwood.....	1,000 bd. ft....	198,709	15,391	224,156	21,002
242121	Dressed lumber: Hardwood: Quantity reported.....	...do.....	82,515	7,715	75,264	7,182
	Quantity not reported.....		(X)	2,684	(X)	(X)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2499.—WOOD PRODUCTS, N.E.C.—Continued			
242128	Dressed lumber: Softwood: Quantity reported..... Quantity not reported.....	1,000 bd. ft...	173,279 (X)	16,284 2,368	115,583 (X)	10,379 1,832
242622	Rough surfaced, or semifabricated hardwood dimension and dimension stock: Quantity reported..... Quantity not reported.....	1,000 bd. ft...	43,931 (X)	7,341 1,350	(NA) (X)	7,819 (X)
242011	Chips, slabs, edgings, shavings, sawdust, and other wood wastes ³...	.....	(X)	7,200	(X)	2,866
970099	All other materials and components, parts, containers and supplies consumed.....	.....	(X)	127,590	(X)	85,268
976000	All other materials and components, parts, containers and supplies consumed, n.s.k. ¹.....	.....	(X)	77,707	(X)	66,717

Note: Data for Alaska and Hawaii are not included for 1958.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

²Reported only by establishments primarily engaged in the manufacture of hard-pressed wood fiberboard (hardboard).

³Includes consumption of chips and slabs by hardboard producers for 1963. Consumption of these materials by hardboard producers reporting for 1958 is included with "All other materials ..., consumed" (code 970099) to avoid disclosing figures for individual companies.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Nailed wooden boxes and shook (SIC 2441)	Wirebound boxes and crates (SIC 2442)	Veneer and plywood containers (SIC 2443)	Cooperage (SIC 2445)	Wood preserving (SIC 2491)	Wood products, n.e.c. (SIC 2499)
Total cost of purchased fuels and electric energy.....\$1,000..	3,239	1,320	399	440	4,300	11,876
Total cost of purchased fuels.....do....	979	418	105	157	3,148	5,228
Bituminous coal, lignite, and anthracite:						
Quantity.....1,000 short tons..	(S)	(S)	(S)	(S)	73	(S)
Cost.....\$1,000..	(S)	(S)	(S)	(S)	544	(S)
Coke and breeze:						
Quantity.....1,000 short tons..	-	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-	-
Fuel oil (distillate and residual):						
Quantity.....1,000 barrels of 42 gallons..	39	(S)	(S)	(S)	137	306
Cost.....\$1,000..	175	(S)	(S)	(S)	433	1,216
Gas (natural, manufactured, still, blast furnace, and coke oven):						
Quantity.....million cu.ft..	(S)	422	(S)	198	4,434	2,010
Cost.....\$1,000..	(S)	146	(S)	69	1,609	1,029
Other fuels.....do....	646	207	90	(S)	562	2,302
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	138	49	15	17	60	380
Cost.....\$1,000..	2,260	902	294	283	1,152	6,648
Generated less sold.....million kw.-hrs..	(S)	(S)	-	(S)	(S)	7
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	219	104	21	18	160	430
Prime movers, total.....do....	21	11	2	5	76	87
Driving generators.....do....	6	1	(Z)	3	7	31
Not driving generators.....do....	15	10	2	2	69	56
Electric motors, total.....do....	201	96	19	16	84	349
Driven by purchased energy.....do....	197	93	19	13	84	343
Driven by energy generated at establishment.....do....	4	3	-	3	1	6
Aggregate horsepower per 100 production workers.....	1,338	1,205	553	652	1,751	1,002

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2441	NAILED WOODEN BOXES AND SHOOK										
	Entire industry.....	663	14,483	55,858	12,934	26,277	45,944	85,046	121,169	206,020	6,014
	Establishments with—										
	90% or more specialization..	539	8,843	33,488	7,838	15,753	27,370	53,695	73,681	127,291	2,204
	75-89% specialization.....	40	1,787	6,445	1,613	3,127	5,054	8,868	12,094	20,990	439
24411	Cigar boxes, wooden and part wooden; nailed or lock corner boxes (primary product class of estab.).....	283	6,167	23,228	5,449	10,868	18,497	36,927	55,708	92,592	1,454
	Establishments with—										
	90% or more specialization....	200	4,090	15,915	3,605	7,206	12,683	24,899	40,145	65,199	901
	75-89% specialization.....	28	779	2,954	691	1,269	2,337	5,449	6,866	12,050	231
24412	Box shook: fruit, vegetable, industrial, etc. (primary product class of estab.).....	187	6,823	28,039	6,153	12,816	23,589	39,241	57,728	96,909	2,978
	Establishments with—										
	90% or more specialization....	127	2,549	9,848	2,300	4,727	8,489	13,869	18,814	32,766	669
	75-89% specialization.....	19	1,078	3,819	971	1,991	3,005	5,861	6,888	12,778	206
2491	WOOD PRESERVING										
	Entire industry.....	338	11,178	45,257	9,468	19,373	34,741	93,265	155,434	247,294	5,548
	Establishments with—										
	90% or more specialization..	315	10,500	42,201	8,871	18,216	32,141	86,906	145,307	230,403	4,925
	75-89% specialization.....	8	296	1,505	264	516	1,311	3,613	5,684	9,452	133
24911	Wood owned and treated by same establishment (primary product class of estab.).....	224	10,181	41,352	8,593	17,681	31,481	84,847	146,479	229,862	5,136
	Establishments with—										
	90% or more specialization....	164	7,033	27,648	5,916	12,464	20,824	56,708	104,802	160,472	2,979
	75-89% specialization.....	27	1,605	7,056	1,362	2,688	5,527	14,207	23,610	37,465	850
24919	Contract wood preserving (primary product class of estab.).....	31	648	2,759	579	1,098	2,322	6,138	5,748	11,917	261
	Establishments with—										
	90% or more specialization....	16	299	1,321	265	519	1,101	2,595	1,782	4,518	149
2499	WOOD PRODUCTS, N.E.C.										
	Entire industry.....	2,896	57,981	237,442	49,994	99,538	184,311	420,283	365,201	785,367	32,940
	Establishments with—										
	90% or more specialization..	2,592	44,595	178,636	38,730	77,242	141,407	318,095	275,165	594,818	24,397
	75-89% specialization.....	84	5,453	24,048	4,539	9,231	17,496	41,259	36,880	76,860	3,300
24991	Mirror and picture frames (primary product class of estab.)....	269	6,597	29,206	5,560	11,336	21,309	51,923	39,129	90,289	1,412
	Establishments with—										
	90% or more specialization....	239	4,658	20,318	4,050	8,345	15,488	34,537	28,365	62,426	936
	75-89% specialization.....	16	873	3,727	732	1,485	2,976	7,662	4,050	11,695	377
24992	Pallets and skids (primary product class of estab.).....	491	8,680	29,388	7,773	14,910	24,376	48,423	52,439	101,566	2,665
	Establishments with—										
	90% or more specialization....	356	5,288	16,898	4,723	8,966	14,309	28,164	31,696	60,417	1,709
	75-89% specialization.....	47	952	3,415	828	1,601	2,617	5,364	5,470	10,892	300
24993	Particleboard (primary product class of estab.).....	30	2,169	10,538	1,771	3,791	7,397	21,661	21,002	43,272	5,380
	Establishments with—										
	90% or more specialization....	30	2,169	10,538	1,771	3,791	7,397	21,661	21,002	43,272	5,380
24994	Cork products (primary product class of estab.).....	25	554	2,400	442	820	1,478	4,512	4,925	9,443	183
	Establishments with—										
	90% or more specialization....	20	411	1,821	319	609	1,145	3,099	3,827	6,990	90
24995	Wood products, n.e.c. (primary product class of estab.).....	857	27,930	111,273	24,174	47,849	85,522	180,549	169,742	348,662	10,545
	Establishments with—										
	90% or more specialization....	696	19,561	75,415	17,319	33,869	59,369	121,755	113,204	234,867	6,910
	75-89% specialization.....	61	3,384	13,071	2,944	5,951	10,288	20,088	21,368	40,751	1,645
24996	Hard-pressed wood fiberboard (primary product class of estab.)....	18	5,770	33,907	4,828	10,556	27,431	77,405	46,963	123,749	10,319
	Establishments with—										
	90% or more specialization....	14	4,725	28,019	4,007	8,728	23,160	61,901	35,803	97,448	6,346

Furniture and Fixtures

- 25A Household furniture
- 25B Office, public building, office and store
fixtures, and miscellaneous furniture

This major group includes establishments engaged in manufacturing household, office, public-building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in Industry 2431, and wood-working to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

FURNITURE AND FIXTURES: MAJOR GROUP 25

Value Added by Manufacture by State: 1963

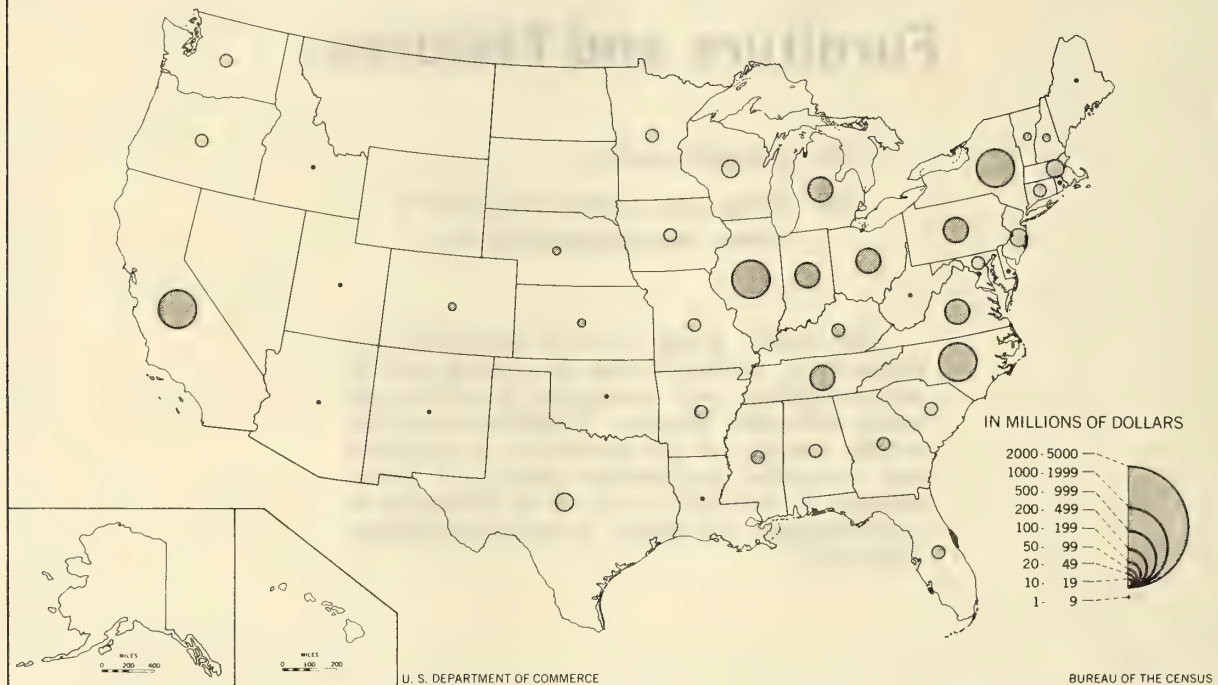


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted	Cost of materials ³	Value of shipments ²	Capital expenditures, new ⁴
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963 ⁵	10 535	3 349	381 221	1 767 114	314 762	639 698	1 289 989	3 068 287	2 836 179	5 884 064	110 180
1958	10 422	3 300	357 170	1 435 969	289 669	575 532	1 039 262	2 395 986	(NA)	4 765 877	82 592
1954	(NA)	(NA)	342 443	1 210 685	286 649	571 294	892 891	1 997 506	(NA)	(NA)	61 945
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963 ⁶	57	36	4 673	40 407	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958 ⁶	63	26	3 005	22 282	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954 ⁶	(NA)	(NA)	1 749	13 309	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	10 478	3 313	376 548	1 726 707	314 762	639 698	1 289 989	3 068 287	2 836 179	5 884 064	110 180
1958	10 329	3 265	354 165	1 413 687	292 418	575 049	1 038 475	2 395 986	(NA)	4 765 877	82 592
1954	10 273	3 012	340 694	1 197 376	286 649	571 294	892 891	1 997 506	(NA)	(NA)	61 945
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁷	(NA)	(NA)	367 556	1 637 584	307 443	632 295	1 205 426	2 841 136	2 729 141	5 547 607	96 354
1961 ⁷	(NA)	(NA)	350 520	1 503 212	292 574	590 083	1 097 045	2 558 140	2 501 476	5 054 409	76 606
1960 ⁷	(NA)	(NA)	364 328	1 530 691	303 956	614 765	1 123 912	2 618 986	(NA)	(NA)	75 879
1959 ⁷	(NA)	(NA)	368 216	1 522 031	309 165	628 244	1 130 504	2 613 883	(NA)	(NA)	83 982
1957 ⁷	(NA)	(NA)	374 850	1 431 976	310 587	617 856	1 048 610	2 513 910	(NA)	(NA)	86 931
1956 ⁷	(NA)	(NA)	376 363	1 417 202	315 306	637 953	1 056 720	2 510 403	(NA)	(NA)	91 507
1955 ⁷	(NA)	(NA)	365 675	1 328 800	308 876	627 094	996 322	2 306 048	(NA)	(NA)	79 243
1953 ⁷	(NA)	(NA)	360 842	1 259 319	309 910	629 451	972 725	2 046 805	(NA)	(NA)	59 490
1952 ⁷	8 778	(NA)	331 661	1 122 754	284 527	588 597	853 440	1 904 405	(NA)	(NA)	55 200
1951 ⁷	8 369	(NA)	336 064	1 077 015	290 412	590 369	818 177	1 804 157	(NA)	(NA)	55 444
1950 ⁷	7 934	(NA)	345 912	1 012 877	295 533	616 829	774 085	1 666 898	(NA)	(NA)	58 087
1949 ⁷	(NA)	(NA)	309 817	862 247	269 455	549 406	653 087	1 411 788	(NA)	(NA)	41 015
1947 ⁷	7 551	(NA)	316 273	806 948	277 909	583 572	641 673	1 346 277	(NA)	(NA)	77 441
1939 ⁷	5 178	(NA)	(NA)	(NA)	189 382	(NA)	186 820	417 785	(NA)	(NA)	(NA)
1937 ⁸	4 469	(NA)	(NA)	(NA)	198 464	(NA)	201 570	424 355	(NA)	(NA)	(NA)
1935	4 319	(NA)	171 116	171 374	151 057	(NA)	133 020	273 802	(NA)	(NA)	(NA)
1933	3 491	(NA)	137 308	110 605	123 242	(NA)	90 528	192 834	(NA)	(NA)	(NA)
1931	4 584	(NA)	(NA)	(NA)	146 910	(NA)	146 958	321 582	(NA)	(NA)	(NA)
1929	5 491	(NA)	248 321	358 680	219 328	(NA)	275 997	614 533	(NA)	(NA)	(NA)
1927	4 666	(NA)	237 042	338 356	210 018	(NA)	265 788	569 114	(NA)	(NA)	(NA)
1925 ⁹	4 776	(NA)	231 536	321 279	204 398	(NA)	253 623	561 553	(NA)	(NA)	(NA)
1923	4 552	(NA)	216 824	292 740	191 904	(NA)	232 061	510 299	(NA)	(NA)	(NA)
1921	4 326	(NA)	161 880	213 551	142 020	(NA)	164 771	346 971	(NA)	(NA)	(NA)
1919	4 821	(NA)	183 274	214 008	159 479	(NA)	161 674	365 903	(NA)	(NA)	(NA)
1914	4 844	(NA)	168 730	109 717	149 441	(NA)	84 200	174 295	(NA)	(NA)	(NA)
1909 ¹⁰	4 337	(NA)	(NA)	(NA)	142 340	(NA)	72 736	150 848	(NA)	(NA)	(NA)
1904	3 497	(NA)	136 840	68 779	126 537	(NA)	57 558	115 845	(NA)	(NA)	(NA)
1899	2 614	(NA)	(NA)	(NA)	98 414	(NA)	40 298	82 259	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933 cost of contract work was not subtracted from value of products in calculating value added by manufacture.

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵The figures for 1939 to 1963 include data for establishments primarily engaged in manufacture of metal partitions, classified for earlier years in the fabricated metal products industries. Value added by manufacture for 1939, excluding data for these establishments, was \$410.7 million.

⁶Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962 or prior to 1949.

⁷These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁸The figures for 1937 and later years include data for establishments primarily engaged in manufacture of venetian blinds, included for earlier years in the series for the lumber and wood products, except furniture industries. Value added by manufacture for 1937, excluding data for these establishments, and therefore on a basis comparable with 1935, was \$417.7 million.

⁹The figures for 1899 to 1925 do not include data for establishments primarily engaged in manufacture of sewing machine cases, cabinets, and tables, classified for these years in the machinery (except electrical) industries.

¹⁰The figures for 1899 to 1909 do not include data for establishments primarily engaged in manufacture of window and door screens, included for these years in the series for the lumber and wood products, except furniture industries. Value added by manufacture for 1914, excluding data for these establishments and on a basis comparable with 1909, was \$169.4 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
25	FURNITURE AND FIXTURES, TOTAL	10 478	3 313	376 548	1 726 707	314 762	639 698	1 289 989	3 068 287	110 180	354 165	2 395 986
	NORTHEAST	3 229	909	86 417	422 612	71 186	144 055	313 582	717 931	20 967	85 702	602 304
	NEW ENGLAND	662	224	21 595	99 627	17 536	25 249	71 841	167 648	4 770	18 217	114 704
	MAINE	34	8	684	2 914	558	1 257	2 058	4 700	328	650	4 140
	NEW HAMPSHIRE	44	22	2 227	9 874	1 773	3 497	7 104	15 737	488	1 643	9 433
	VERMONT	23	12	1 705	7 696	1 492	3 381	6 114	12 285	527	1 497	8 380
	MASSACHUSETTS	397	135	11 679	52 916	9 614	18 981	38 449	89 042	2 321	10 804	67 864
	RHODE ISLAND	33	8	820	3 729	641	1 281	2 547	6 783	260	606	4 196
	CONNECTICUT	131	39	4 480	22 498	3 458	6 852	15 569	39 101	846	3 017	20 691
	MIDDLE ATLANTIC	2 567	685	64 822	322 985	53 650	108 806	241 741	551 283	16 197	67 485	487 600
	NEW YORK	1 579	373	32 834	169 810	26 981	54 432	126 356	287 523	7 434	35 857	271 401
	NEW JERSEY	390	97	8 872	44 328	7 269	14 606	31 998	79 663	3 086	8 726	64 652
	PENNSYLVANIA	598	215	23 116	108 847	19 400	39 768	83 387	184 097	5 677	22 902	151 547
	NORTH CENTRAL	2 305	829	101 178	516 878	81 520	164 341	370 454	936 829	31 862	102 011	782 680
	EAST NORTH CENTRAL	1 796	681	88 036	450 458	71 194	143 709	325 704	820 581	28 551	88 820	690 618
	OHIO	359	120	17 501	96 331	14 155	27 669	70 561	185 497	6 357	18 877	159 644
	INDIANA	282	152	22 368	104 120	18 682	38 890	78 218	184 342	6 443	18 616	125 747
	ILLINOIS	579	213	23 500	121 642	18 517	37 109	85 692	208 986	10 352	24 705	188 082
	MICHIGAN	404	144	18 425	99 622	14 663	29 735	70 564	191 398	3 997	18 032	159 267
	WISCONSIN	172	52	6 242	28 743	5 177	10 306	20 669	50 358	1 402	8 590	57 878
	WEST NORTH CENTRAL	509	148	13 142	66 420	10 326	20 632	44 750	116 248	3 311	13 191	92 062
	MINNESOTA	133	34	2 800	14 425	2 284	4 485	10 496	22 873	735	2 524	16 688
	IOWA	68	19	2 380	12 725	1 743	3 528	7 603	25 909	804	2 695	20 132
	MISSOURI	197	69	5 252	25 714	4 223	8 438	18 044	43 600	1 021	5 756	37 900
	NORTH DAKOTA	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11	62
	SOUTH DAKOTA	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	55	231
	NEBRASKA	40	13	1 256	6 779	929	1 915	3 893	11 534	547	1 033	8 093
	KANSAS	59	12	1 390	6 561	1 094	2 158	4 545	11 925	183	1 117	8 956
	SOUTH	2 799	1 033	148 135	560 702	128 935	266 586	438 721	1 030 247	46 987	123 607	686 863
	SOUTH ATLANTIC	1 542	607	92 948	357 895	82 096	171 346	284 315	668 380	32 566	79 258	442 488
	DELAWARE	10	1	123	480	113	201	428	846	13	30	154
	MARYLAND	119	48	4 913	21 078	4 074	8 363	15 958	32 130	2 645	4 860	29 825
	DISTRICT OF COLUMBIA	15	2	148	689	107	225	445	1 514	70	142	965
	VIRGINIA	152	74	20 380	84 519	17 965	39 478	66 756	173 763	7 618	16 355	104 669
	WEST VIRGINIA	43	15	1 070	3 768	923	1 801	2 778	6 268	182	1 119	5 651
	NORTH CAROLINA	533	287	47 994	178 675	43 261	89 801	146 490	337 299	17 882	39 615	210 457
	SOUTH CAROLINA	68	22	3 342	12 281	2 929	5 986	9 015	21 192	935	3 326	13 926
	GEORGIA	181	62	8 262	29 721	7 220	14 184	22 645	48 893	1 329	6 882	38 647
	FLORIDA	421	96	6 716	26 684	5 504	11 307	19 800	46 475	1 892	6 929	38 194
	EAST SOUTH CENTRAL	546	228	33 936	122 199	28 983	59 487	94 431	219 085	9 734	24 653	132 343
	KENTUCKY	102	47	5 362	21 549	4 613	9 257	16 713	36 916	986	4 708	28 120
	TENNESSEE	237	106	17 877	62 505	15 451	31 871	49 001	109 322	6 568	12 061	60 627
	ALABAMA	125	37	3 634	12 859	3 134	6 269	9 933	24 315	1 132	2 936	15 329
	MISSISSIPPI	82	38	7 063	25 286	5 785	12 090	18 784	48 532	1 048	4 948	28 267
	WEST SOUTH CENTRAL	711	198	21 251	80 608	17 856	35 753	59 975	142 782	4 687	19 696	112 032
	ARKANSAS	118	59	8 348	29 351	7 091	14 161	21 938	49 204	1 444	6 876	31 123
	LOUISIANA	74	17	1 248	4 259	1 067	2 120	3 263	7 967	208	1 399	7 482
	OKLAHOMA	77	11	1 148	4 494	958	1 970	3 419	8 288	356	1 112	6 126
	TEXAS	442	111	10 507	42 504	8 740	17 502	31 355	77 323	2 679	10 309	67 301
	WEST	2 146	542	40 933	227 656	33 145	65 019	168 594	389 059	10 309	35 927	273 510
	MOUNTAIN	273	54	3 247	15 635	2 657	5 354	11 779	24 827	(D)	2 938	20 074
	MONTANA	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	37	249
	IDAHO	16	3	103	404	90	168	322	843	16	95	650
	WYOMING	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	80	17	1 060	5 605	860	1 707	4 084	9 577	271	1 325	10 165
	NEW MEXICO	35	6	292	1 083	238	481	822	1 283	(D)	138	795
	ARIZONA	76	15	872	4 059	704	1 408	3 087	6 609	203	696	4 109
	UTAH	45	11	782	3 772	648	1 378	2 900	5 363	171	606	3 769
	NEVADA	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC	1 873	488	37 686	212 021	30 488	59 665	156 815	364 232	(D)	32 989	253 436
	WASHINGTON	156	28	2 473	12 896	2 020	3 839	9 846	21 045	569	2 906	20 913
	OREGON	102	21	2 429	12 796	2 123	4 146	10 171	20 769	567	1 943	13 168
	CALIFORNIA	1 575	428	32 125	183 302	25 889	50 749	135 008	318 617	8 212	27 489	215 143
	ALASKA	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
251	HOUSEHOLD FURNITURE, TOTAL	6 560	2 319	270 293	1 149 691	231 608	469 601	880 689	2 047 494	68 842	257 729	1 623 706
	NORTHEAST	1 980	592	53 540	242 079	44 980	89 655	182 883	417 310	11 943	56 384	372 440
	NEW ENGLAND	459	169	15 506	67 779	13 022	26 068	51 011	114 313	3 254	14 105	86 579
	MAINE	24	6	488	1 943	406	931	1 411	3 043	291	432	2 537
	NEW HAMPSHIRE	33	15	1 635	6 525	1 321	2 543	4 625	11 148	295	1 270	7 250
	MASSACHUSETTS	288	110	9 432	40 922	7 926	15 425	30 713	69 787	1 800	9 079	56 974
	RHODE ISLAND	14	1	108	439	78	170	289	786	23	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
251	HOUSEHOLD FURNITURE—CONTINUED											
	MIDDLE ATLANTIC	1 521	423	38 034	174 300	31 958	63 587	131 872	302 997	8 689	42 279	285 861
	NEW YORK	915	216	17 933	85 713	14 984	29 371	64 814	147 097	3 928	20 882	146 235
	NEW JERSEY	241	66	6 185	28 803	5 144	10 228	21 002	55 908	1 134	5 989	42 764
	PENNSYLVANIA	365	141	13 916	59 784	11 830	23 988	46 056	99 992	3 627	15 408	96 862
	NORTH CENTRAL	1 300	514	59 022	276 113	49 225	98 926	203 652	482 186	14 952	61 968	429 619
	INDIANA	195	124	18 657	85 842	15 721	32 559	64 408	148 418	5 267	15 946	104 277
	ILLINOIS	307	123	13 314	64 301	10 935	21 672	46 682	105 960	3 448	16 870	118 395
	MICHIGAN	230	90	8 191	37 458	7 014	14 285	29 077	66 664	1 246	8 914	61 764
	WISCONSIN	90	30	3 717	15 988	3 154	6 165	12 102	27 084	720	4 084	26 689
	MINNESOTA	77	17	1 588	7 718	1 309	2 545	5 352	11 852	308	1 585	10 920
	NEBRASKA	25	9	595	3 300	489	1 018	1 987	5 658	321	580	4 739
	KANSAS	31	7	807	3 610	687	1 317	2 631	6 991	59	593	5 796
	SOUTH	1 937	836	128 407	475 176	113 228	234 133	378 317	882 658	34 801	106 324	578 394
	SOUTH ATLANTIC	1 125	511	81 742	308 021	73 272	152 818	249 949	585 320	24 309	68 363	373 888
	MARYLAND	78	36	2 669	10 718	2 217	4 506	8 074	18 144	416	2 224	12 998
	VIRGINIA	103	56	17 929	72 484	16 373	36 263	60 478	152 115	6 849	14 292	87 343
	WEST VIRGINIA	25	11	814	2 567	730	1 379	1 981	4 045	134	945	4 440
	NORTH CAROLINA	459	257	44 371	164 149	40 157	82 994	135 653	311 142	13 263	35 914	190 413
	SOUTH CAROLINA	53	19	3 080	11 264	2 701	5 546	8 157	19 131	893	3 116	12 992
	GEORGIA	109	51	7 314	25 908	6 444	12 624	19 877	42 468	1 123	6 059	33 811
	FLORIDA	291	80	5 483	20 576	4 592	9 379	15 526	37 233	1 566	5 704	31 195
	EAST SOUTH CENTRAL	392	183	30 674	109 261	26 279	53 932	84 702	192 820	7 471	23 104	123 581
	KENTUCKY	74	36	4 725	19 122	4 076	8 215	14 841	32 698	822	4 442	26 594
	TENNESSEE	172	85	16 342	56 004	14 188	29 301	44 200	96 039	4 759	11 314	56 244
	ALABAMA	81	28	3 038	10 662	2 651	5 248	8 315	20 215	923	2 667	13 797
	MISSISSIPPI	65	34	6 569	23 473	5 364	11 168	17 346	43 868	967	4 681	26 946
	WEST SOUTH CENTRAL	420	142	15 991	57 894	13 677	27 383	43 666	104 518	3 021	14 857	80 925
	ARKANSAS	89	47	7 229	24 946	6 284	12 509	19 223	41 648	1 075	6 155	27 071
	LOUISIANA	50	14	1 011	3 441	890	1 803	2 674	6 668	187	1 136	5 873
	OKLAHOMA	47	7	881	3 158	746	1 566	2 353	5 646	264	908	4 915
	TEXAS	234	74	6 870	26 349	5 757	11 505	19 416	50 556	1 495	6 658	43 066
	WEST	1 344	377	29 305	156 594	24 199	47 190	117 199	268 064	7 150	26 493	198 106
	MOUNTAIN	168	34	2 229	9 767	1 847	3 712	7 349	16 222	(D)	1 800	12 217
	COLORADO	46	11	727	3 507	589	1 157	2 534	6 550	173	712	5 895
	NEW MEXICO	19	4	194	658	167	328	504	485	(D)	(D)	(D)
	ARIZONA	50	9	617	2 507	492	975	1 844	4 282	162	456	2 714
	UTAH	27	7	544	2 490	469	1 005	1 969	3 714	137	452	2 544
	PACIFIC	1 176	343	27 076	146 827	22 352	43 478	109 850	251 842	(D)	24 693	185 889
	WASHINGTON	98	20	1 755	8 715	1 463	2 699	6 874	14 855	376	2 363	16 676
	OREGON	65	18	2 170	11 256	1 913	3 727	8 976	18 256	478	1 602	10 470
	CALIFORNIA	992	297	22 666	124 487	18 667	36 412	92 752	215 896	5 600	20 225	155 535
252	OFFICE FURNITURE, TOTAL	308	165	26 444	142 640	21 374	43 346	105 093	285 347	15 710	23 290	212 100
	NORTHEAST	117	62	10 199	53 082	8 170	16 461	38 645	95 763	3 352	8 843	76 549
	NEW ENGLAND	14	6	1 187	6 121	719	1 377	3 106	13 243	123	741	5 196
	CONNECTICUT	5	3	787	3 839	536	1 001	2 221	9 407	94	(D)	(D)
	MIDDLE ATLANTIC	103	56	9 012	46 961	7 451	15 084	35 539	82 520	3 229	8 102	71 353
	NEW YORK	68	34	4 800	25 279	3 925	7 931	19 008	46 245	1 376	4 385	41 983
	NEW JERSEY	9	5	768	4 556	601	1 263	3 196	5 514	1 310	(D)	(D)
	PENNSYLVANIA	26	17	3 444	17 126	2 925	5 890	13 335	30 761	543	(D)	(D)
	NORTH CENTRAL	79	53	11 448	68 048	9 303	19 010	51 157	143 892	5 924	11 600	113 243
	EAST NORTH CENTRAL	65	43	10 008	59 801	8 227	16 714	45 754	126 435	5 630	10 390	103 111
	INDIANA	15	13	1 741	8 061	1 422	3 119	6 453	16 660	397	1 569	11 622
	ILLINOIS	17	8	1 716	10 675	1 319	2 654	7 601	19 635	(D)	(D)	(D)
	MICHIGAN	14	8	2 659	17 040	2 260	4 693	13 563	41 307	641	2 630	32 585
	WEST NORTH CENTRAL	14	10	1 440	8 247	1 076	2 296	5 403	17 457	294	1 210	10 132
	IOWA	4	3	671	3 816	471	915	2 227	9 610	174	713	6 888
	SOUTH	49	28	3 287	13 885	2 688	5 573	9 773	32 954	6 072	2 186	16 261
	SOUTH ATLANTIC	21	14	2 381	9 846	1 963	4 100	6 928	24 749	(D)	(D)	(D)
	GEORGIA	4	3	197	671	176	323	508	1 485	(D)	(D)	(D)
	EAST SOUTH CENTRAL	11	6	578	2 692	465	915	1 900	4 916	(D)	(D)	(D)
	KENTUCKY	4	3	121	419	104	201	324	731	(D)	(D)	(D)
	WEST SOUTH CENTRAL	17	8	328	1 347	260	558	945	3 289	(D)	(D)	(D)
	TEXAS	13	7	287	1 239	226	484	863	3 197	122	280	1 642
	WEST	63	22	1 510	7 625	1 213	2 302	5 518	13 243	333	657	6 025
	CALIFORNIA	57	20	1 394	7 172	1 107	2 105	5 114	12 582	332	(D)	(D)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
254	PARTITIONS AND FIXTURES, TOTAL . . .	2 107	514	44 633	261 822	34 372	71 710	185 452	433 495	15 286	37 747	301 250
	NORTHEAST	683	178	14 335	85 577	11 573	25 103	63 643	134 094	3 523	12 218	94 885
	NEW ENGLAND	116	30	2 677	14 391	2 108	4 513	10 270	20 558	629	1 652	11 559
	NEW HAMPSHIRE	8	4	465	2 747	354	747	2 080	3 626	179	(D)	(D)
	MASSACHUSETTS	63	15	1 190	6 188	963	2 067	4 323	9 291	273	797	5 583
	MIDDLE ATLANTIC	567	148	11 658	71 186	9 465	20 590	53 373	113 536	2 894	10 566	83 326
	NEW YORK	361	93	6 807	41 897	5 556	12 113	31 097	64 545	1 512	7 033	55 392
	NEW JERSEY	83	19	1 151	6 687	936	1 918	4 986	11 036	366	935	6 888
	PENNSYLVANIA	123	36	3 700	22 602	2 973	6 559	17 290	37 955	1 016	2 598	21 046
	NORTH CENTRAL	546	153	17 012	99 149	12 668	25 689	67 247	175 366	7 581	15 101	127 857
	EAST NORTH CENTRAL	440	119	14 055	81 877	10 427	21 209	55 562	149 509	6 579	12 800	112 500
	OHIO	102	29	4 648	28 285	3 562	6 981	19 676	53 685	2 442	5 260	46 599
	INDIANA	39	8	1 274	6 825	977	2 029	4 956	12 381	600	787	6 149
	ILLINOIS	156	54	5 221	30 285	3 729	7 696	20 161	54 910	2 711	3 758	36 431
	MICHIGAN	96	23	2 359	13 873	1 702	3 542	8 723	24 340	687	2 259	19 318
	WISCONSIN	47	5	553	2 609	457	961	2 046	4 193	139	736	4 003
	WEST NORTH CENTRAL	106	34	2 957	17 272	2 241	4 480	11 685	25 857	1 002	2 301	15 357
	MISSOURI	47	19	1 290	8 117	983	1 911	5 395	10 510	322	1 037	7 262
	KANSAS	10	1	149	838	93	196	493	1 474	48	(D)	(D)
	SOUTH	408	85	6 711	33 551	5 088	10 774	22 586	55 233	2 197	5 791	38 570
	SOUTH ATLANTIC	205	43	3 540	18 651	2 503	5 396	11 401	26 828	1 102	3 402	22 408
	DELAWARE	6	1	102	389	97	169	371	683	6	(D)	(D)
	MARYLAND	23	5	232	1 504	174	362	922	2 402	(D)	370	2 475
	WEST VIRGINIA	7	3	184	961	135	306	611	1 757	36	119	687
	GEORGIA	37	2	361	1 676	274	580	1 172	2 511	119	284	2 118
	FLORIDA	75	13	879	4 563	659	1 382	3 205	6 668	244	743	4 344
	EAST SOUTH CENTRAL	73	22	1 428	5 986	1 169	2 472	4 496	13 254	537	731	4 556
	TENNESSEE	32	10	657	2 851	531	1 114	2 083	6 259	321	304	1 859
	ALABAMA	22	5	262	1 136	218	475	871	2 031	84	135	692
	WEST SOUTH CENTRAL	130	20	1 743	8 914	1 416	2 906	6 689	15 151	558	1 658	11 606
	OKLAHOMA	21	3	221	1 167	171	325	919	2 394	85	149	898
	TEXAS	89	16	1 350	7 147	1 120	2 365	5 344	11 718	443	1 370	9 890
	WEST	470	98	6 575	43 545	5 043	10 144	31 976	72 352	1 985	4 637	39 938
	MOUNTAIN	66	14	726	4 356	580	1 190	3 323	6 392	200	482	3 849
	COLORADO	17	5	218	1 507	178	361	1 127	2 149	89	192	1 801
	ARIZONA	17	4	186	1 103	157	318	902	1 675	31	165	1 138
	UTAH	14	2	172	992	131	292	732	1 289	20	(D)	(D)
	PACIFIC	404	84	5 849	39 189	4 463	8 954	28 653	65 960	1 785	4 155	36 089
	OREGON	21	2	152	952	123	243	768	1 508	68	240	1 885
	CALIFORNIA	342	77	5 347	35 993	4 058	8 118	26 207	61 395	1 621	3 690	32 402
259	FURNITURE AND FIXTURES, NEC, TOTAL .	1 074	151	18 229	89 181	14 151	28 224	61 320	160 195	5 973	19 401	145 654
	NORTHEAST	369	52	6 117	30 207	4 727	9 323	20 271	53 769	1 603	5 616	41 621
	NEW ENGLAND	54	10	1 551	7 770	1 188	2 277	5 145	14 438	546	897	6 033
	MASSACHUSETTS	30	6	540	3 001	448	928	2 113	5 360	194	515	3 276
	MIDDLE ATLANTIC	315	42	4 566	22 437	3 539	7 046	15 126	39 331	1 057	4 719	35 588
	NEW YORK	209	24	2 703	13 714	2 037	4 047	9 072	24 031	495	2 640	18 589
	NEW JERSEY	51	7	723	4 071	550	1 118	2 646	6 879	262	753	6 715
	PENNSYLVANIA	55	11	1 140	4 652	952	1 881	3 408	8 421	300	1 326	10 284
	NORTH CENTRAL	229	45	6 221	32 427	4 702	9 339	21 166	61 674	1 458	7 538	60 672
	OHIO	27	4	459	2 118	379	768	1 644	5 976	76	424	3 835
	INDIANA	17	2	145	652	110	222	471	1 228	29	110	939
	ILLINOIS	70	15	2 277	11 361	1 724	3 377	7 432	18 857	(D)	1 826	12 411
	MICHIGAN	37	11	2 179	13 064	1 585	3 042	8 023	26 651	710	1 622	18 766
	MISSOURI	29	9	831	3 588	667	1 442	2 670	5 914	58	779	4 540
	SOUTH	279	28	4 208	17 269	3 356	6 804	12 721	26 788	2 455	4 268	27 869
	SOUTH ATLANTIC	136	16	2 982	12 788	2 403	4 940	9 601	18 518	(D)	3 271	21 731
	MARYLAND	14	6	1 948	8 543	1 635	3 416	6 735	11 139	(D)	2 190	14 016
	VIRGINIA	18	3	375	1 694	283	557	1 082	2 817	(D)	382	3 531
	NORTH CAROLINA	21	2	135	390	103	191	282	724	(D)	151	854
	GEORGIA	23	3	190	831	146	284	546	1 379	(D)	(D)	(D)
	FLORIDA	48	1	258	1 011	183	386	745	1 856	(D)	347	1 947
	EAST SOUTH CENTRAL	42	6	562	2 060	465	910	1 519	3 914	(D)	224	1 430
	ALABAMA	14	1	118	427	81	164	249	1 048	22	(D)	(D)
	WEST SOUTH CENTRAL	101	6	664	2 421	488	954	1 601	4 356	(D)	773	4 708
	ARKANSAS	8	3	187	767	120	221	372	1 351	54	135	621
	TEXAS	81	3	442	1 559	343	680	1 166	2 826	71	534	3 531
	WEST	197	26	1 817	10 148	1 366	2 758	7 162	17 964	457	1 873	14 078
	MOUNTAIN	28	3	163	767	126	257	541	1 214	27	170	1 166
	PACIFIC	169	23	1 654	9 381	1 240	2 501	6 621	16 750	430	1 703	12 912
	CALIFORNIA	131	22	1 480	8 574	1 111	2 235	6 080	15 236	405	1 445	11 050

Standard Notes: - Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not applicable.

TABLE 3. Detailed Statistics: 1963

Item	Furniture and fixtures (SIC 25)	Household furniture (SIC 251)	Office furniture (SIC 252)	Public building furniture (SIC 253)	Partitions and fixtures (SIC 254)	Furniture and fixtures, n.e.c. (SIC 259)
ESTABLISHMENTS, TOTAL NUMBER . .	10 478	6 560	308	429	2 107	1 074
WITH 1 TO 19 EMPLOYEES. DO. .	7 165	4 241	143	265	1 593	923
WITH 20 TO 99 EMPLOYEES DO. .	2 455	1 672	98	120	445	120
WITH 100 EMPLOYEES OR MORE. DO. .	858	647	67	44	69	31
PROPRIETORS AND WORKING PARTNERS. DO. .	5 894	3 636	104	204	1 245	705
ALL EMPLOYEES (AVERAGE FOR THE YEAR). DO. .	376 548	270 293	26 444	16 949	44 633	18 229
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000. .	1 726 707	1 149 691	142 640	83 373	261 822	89 181
PRODUCTION WORKERS:						
AVERAGE FOR THE YEAR. NUMBER . .	314 762	231 608	21 374	13 257	34 372	14 151
MARCH DO. .	308 849	228 530	21 037	12 597	33 246	13 439
MAY DO. .	310 238	228 265	21 378	12 984	33 650	13 961
AUGUST. DO. .	318 246	231 856	21 348	14 457	36 242	14 343
NOVEMBER. DO. .	321 713	237 778	21 733	12 990	34 350	14 862
MAN-HOURS 1,000. .	639 698	469 601	43 346	26 817	71 710	28 224
JANUARY-MARCH DO. .	154 426	113 566	10 832	6 267	17 172	6 589
APRIL-JUNE DO. .	158 576	116 137	10 787	6 658	17 852	7 142
JULY-SEPTEMBER. DO. .	160 174	116 582	10 549	7 226	18 773	7 044
OCTOBER-DECEMBER. DO. .	166 522	123 316	11 178	9 666	17 913	7 449
WAGES \$1,000. .	1 289 989	880 689	105 093	57 435	185 452	61 320
COST OF MATERIALS, ETC., TOTAL ¹ DO. .	2 836 179	2 004 228	205 345	127 915	338 241	160 450
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO. .	2 601 780	1 870 165	176 460	113 472	306 658	135 025
COST OF REALES DO. .	159 706	91 801	22 067	9 329	15 470	21 039
FUELS CONSUMED. DO. .	16 242	9 301	2 156	999	2 703	1 083
ELECTRIC ENERGY:						
PURCHASED:						
QUANTITY. MILLION KW.-HRS. .	1 762	1 185	171	92	218	96
COST. \$1,000. .	29 218	19 428	2 583	1 650	4 133	1 424
GENERATED LESS SOLD MILLION KW.-HRS. .	2 697	1 390	-	-	732	(0)
CONTRACT WORK \$1,000. .	29 233	13 533	2 079	2 465	9 277	1 879
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO. .	5 884 064	4 035 446	491 479	268 563	767 452	321 124
VALUE OF REALES. DO. .	203 034	114 742	25 458	11 240	20 073	31 521
VALUE ADDED BY MANUFACTURE, ADJUSTED. DO. .	3 068 287	2 047 494	285 347	141 756	433 495	160 195
MANUFACTURERS' INVENTORIES:						
BEGINNING OF YEAR, TOTAL. DO. .	791 583	508 673	84 114	49 817	100 097	48 888
FINISHED PRODUCTS DO. .	233 659	153 036	20 351	14 920	26 066	19 286
WORK-IN-PROCESS DO. .	192 019	108 785	29 050	14 803	29 484	9 897
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	365 911	246 852	34 713	20 094	44 547	19 705
END OF YEAR, TOTAL. DO. .	827 228	536 701	84 368	53 846	103 303	49 010
FINISHED PRODUCTS DO. .	243 419	163 468	21 613	13 545	26 703	18 090
WORK-IN-PROCESS DO. .	202 664	114 632	27 001	17 286	33 131	10 614
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	381 145	258 601	35 754	23 015	43 469	20 306
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO. .	122 457	75 721	17 581	4 823	18 089	6 243
NEW, TOTAL. DO. .	110 180	68 942	15 710	4 369	15 286	5 973
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	40 582	23 497	8 056	1 203	5 182	2 644
NEW MACHINERY AND EQUIPMENT DO. .	69 598	45 345	7 654	3 166	10 104	3 329
USED PLANT AND EQUIPMENT. DO. .	12 277	6 879	1 871	454	2 803	270
SELECTED OPERATING RATIOS:						
PAYROLL/TOTAL EMPLOYMENT.	4 586	4 253	5 394	4 949	5 866	4 892
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.84	.86	.81	.78	.77	.78
MAN-HOURS/PRODUCTION WORKERS.	2 032	2 028	2 028	2 027	2 086	1 994
PRODUCTION WORKER WAGES/PAYROLLS	2.02	1.88	2.42	2.15	2.59	2.17
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.78	.78	.71	.79	.78	.78
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS. . . . .	.48	.50	.42	.48	.44	.50
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	8 148	7 575	10 791	8 503	9 712	8 788
SALARIES AND WAGES/ADJUSTED VALUE ADDED . . . . .	.56	.56	.50	.58	.60	.56

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

HOUSEHOLD FURNITURE

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2511—Wood Household Furniture, Except Upholstered
- 2512—Wood Household Furniture, Upholstered
- 2514—Metal Household Furniture
- 2515—Mattresses and Bedsprings
- 2519—Household Furniture, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

Establishments primarily engaged in making furniture to order of individual household consumers or primarily engaged in renovating furniture or mattresses are classified in nonmanufacturing industries. Establishments primarily engaged in making furniture parts (except wood frames or headboards) are not included in this group of industries but are generally classified in Major Group 24, Lumber and Wood Products or Major Group 34, Fabricated Metal Products. For example, furniture turnings are included in industry 2499, Wood Products, N.E.C., and furniture hardware including casters are included in industry 3429, Hardware, N.E.C.

2511—WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED

This industry comprises establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes the manufacture of wood kitchen cabinets on a factory basis, and camp furniture. Establishments primarily engaged in manufacturing upholstered furniture or wood frames for upholstered furniture are classified in industry 2512, Wood Furniture, Upholstered, and reed and rattan furniture in industry 2519, Household Furniture, N.E.C. Plants primarily engaged in renovating or refinishing furniture are classified in trade industries, and plants selling household furniture to household consumers through a retail store on the manufacturing premises are included in retail trade. For a detailed list of primary products of industry 2511, refer to table 6A, product codes 2511111 to 5311798.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Wood Furniture, Not Upholstered, Industry totaled \$1,858 million. This amount included shipments of wood household furniture,

except upholstered (primary products), valued at \$1,682 million, shipments of other products (secondary products) valued at \$101 million, and miscellaneous receipts at \$75 million.

This industry's shipments of wood furniture, not upholstered, in 1963 as in 1958, represented 94 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of upholstered wood household furniture (\$43 million) and mirrors (\$13 million).

Shipments of wood furniture, not upholstered, by this industry represented 96 percent of all shipments of these products (\$1,759 million) by all industries. In 1958 the coverage ratio was 94 percent. Other industries shipping wood furniture, not upholstered, consisted mainly of industry 2512, Wood Furniture, Upholstered, \$23 million; and industry 2431, Millwork Plants, \$13 million.

The production index for the primary products of the industry increased to 145 in 1963 from the 1958 level of 106. The unit value index for 1963 was 108 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2512—WOOD HOUSEHOLD FURNITURE, UPHOLSTERED

This industry comprises establishments primarily engaged in manufacturing upholstered furniture on wood frames or wood frames for upholstered furniture. Shops primarily engaged in reupholstering furniture or upholstering frames to individual order are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, convertible sofas, jackknife sofa beds, and chair beds, are classified in industry 2515 regardless of the materials used in the frame. For a detailed list of primary products of industry 2512, refer to table 6A, product codes 2512112 to 2512611.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Wood Furniture, Upholstered, Industry totaled \$983 million. This amount included shipments of wood household furniture, upholstered (primary products), valued at \$881 million, shipments of other products (secondary products) valued at \$78 million, and miscellaneous receipts at \$24 million.

This industry's shipments of upholstered household furniture represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent. Secondary products shipped by this industry in 1963 consisted mainly of convertible sofas (\$26 million), and jackknife sofa beds and chair beds (\$16 million).

Shipments of wood furniture, upholstered, by this industry represented 92 percent of all shipments of these products (\$959 million) by all industries. In 1958 the coverage ratio was 91 percent. Other industries shipping upholstered household furniture consisted mainly of industry 2511 Wood Furniture, Not Upholstered, \$44 million; and industry 2515, Mattresses and Bedsprings, \$26 million.

The production index for the primary products of the industry increased to 144 in 1963 from the 1958 level of 138. The unit value index for 1963 was 110 compared to 100 in 1958. Both indexes were computed on a basis of 1954 = 100.

2514—METAL HOUSEHOLD FURNITURE

This industry comprises establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings, whether padded, upholstered, or plain. Establishments primarily engaged in manufacturing dual purpose furniture, such as studio couches, sofa beds, and chair beds are classified in industry 2515, Mattresses

and Bedsprings, regardless of the materials used in the frame. For a detailed list of primary products of industry 2514, refer to table 6A, product codes 2514111 to 2514498.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Metal Household Furniture Industry totaled \$524 million. This amount included shipments of metal household furniture (primary products) valued at \$452 million, shipments of other products (secondary products) valued at \$62 million, and miscellaneous receipts at \$10 million.

This industry's shipments of metal household furniture, in 1963 as in 1958, represented 88 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of fabricated metal products, n.e.c. (\$4 million), and furniture and fixtures, n.e.c. (\$4 million).

Shipments of metal household furniture by this industry represented 89 percent of all shipments of these products (\$508 million) by all industries. In 1958 the coverage ratio was 88 percent. Other industries shipping metal household furniture consisted mainly of industry 2515, Mattresses and Bedsprings, \$6 million; and industry 3461, Metal Stampings, \$5 million.

The production index for the primary products of the industry increased to 127 in 1963 from the 1958 level of 110. The unit value index for 1963 was 94 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2515—MATTRESSES AND BEDSPRINGS

This industry comprises establishments primarily engaged in manufacturing innerspring mattresses, boxspring mattresses, and noninnerspring mattresses containing felt, foam rubber, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in industry 2531; individual wire springs, in industry 3481; and paddings and upholstery filling, in industry 2293. Establishments primarily engaged in repairing, renovating, etc., mattresses and bedsprings are classified in service industries. For a detailed list of primary products of industry 2515, refer to table 6A, product codes 2515101 to 2515611.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Mattresses and Bedsprings Industry totaled \$641 million. This amount included shipments of mattresses and bedsprings (primary products) valued at \$547 million, shipments of other products (secondary products) valued at \$63 million, and miscellaneous receipts at \$31 million.

This industry's shipments of mattresses and bedsprings, in 1963 as in 1958, represented 90 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of padding, upholstery filling, batting and wadding (\$4 million).

Shipments of mattresses and bedsprings by this industry represented 90 percent of all shipments of these products (\$609 million) by all industries. In 1958 the coverage ratio was 88 percent. Another industry shipping mattresses and bedsprings was industry 2512, Wood Furniture, Upholstered, \$44 million.

The production index for the primary products of the industry increased to 114 in 1963 from the 1958 level of 107. The unit value index was 103 for 1963 and 1958. Both indexes were computed on a basis of 1954 = 100.

2519—HOUSEHOLD FURNITURE, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing reed, rattan and other wicker furniture, and other household furniture, not elsewhere classified. For a detailed list of products of industry 2519, refer to table 6A, product codes 2519011 to 2519098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Household Furniture, N.E.C., Industry totaled \$29 million. This amount included shipments of household furniture, n.e.c. (primary products) valued at \$24 million, shipments of other products (secondary products) valued at \$4 million, and miscellaneous receipts at \$1 million.

This industry's shipments of household furniture, n.e.c., represented 84 percent of its total product shipments. The industry specialization ratio in 1958 was 88 percent.

Shipments of household furniture, n.e.c., by this industry represented 51 percent of all shipments of these products (\$47 million) by all industries. In 1958 the coverage ratio was 68 percent. Another industry shipping household furniture, n.e.c., was industry 3079, Plastics Products, N.E.C., \$17 million. The coverage ratio for 1963 is unusually low because of the large amount of plastic radio, TV and Hi-Fi cabinets manufactured by establishments classified in industry 3079, Plastics Products, N.E.C.

HOUSEHOLD FURNITURE: SIC 251 Value Added by Manufacture by State: 1963

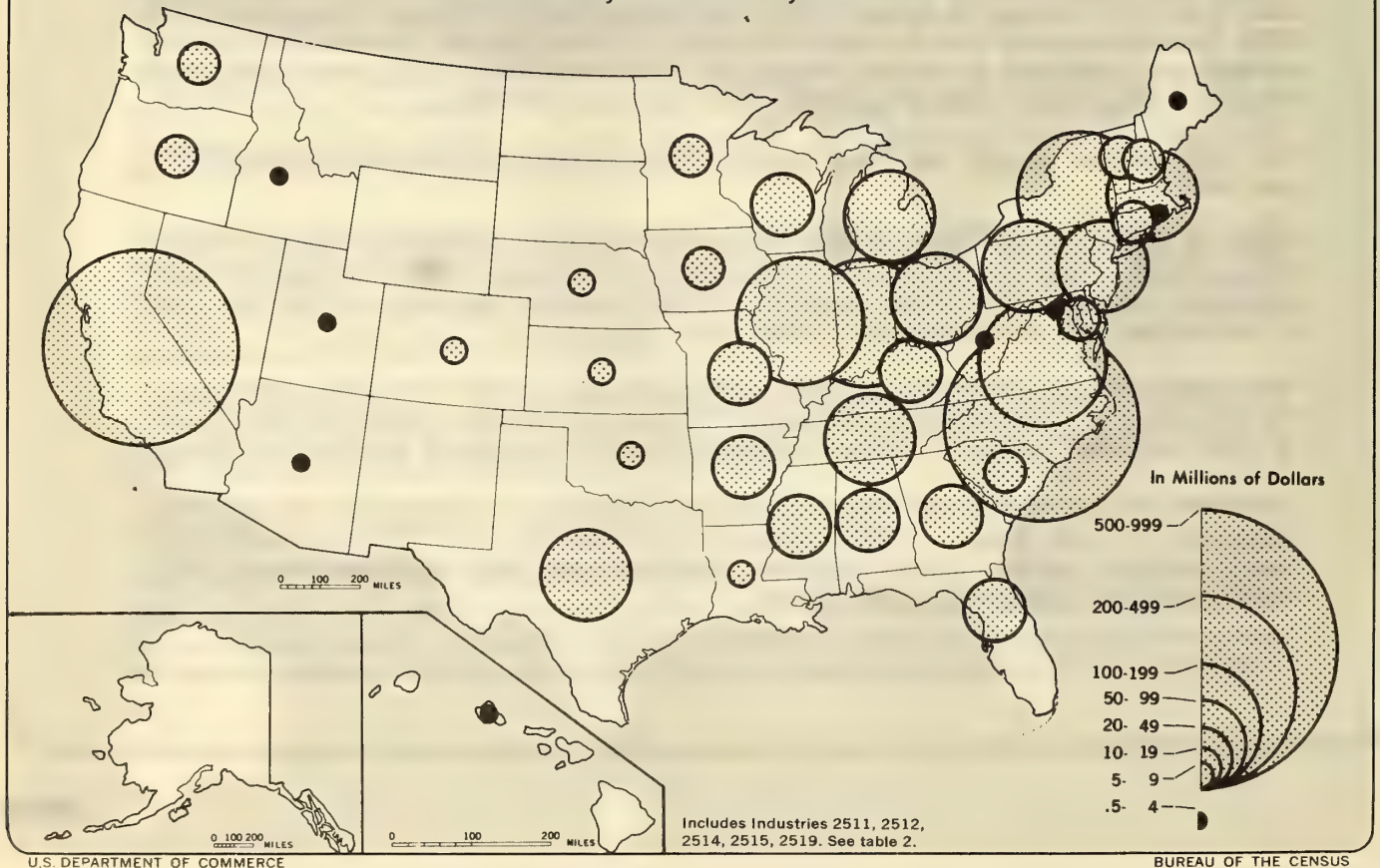


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2511.—WOOD FURNITURE, NOT UPHOLSTERED														
1963.....	2,937	3,063	992	140,982	574,614	124,699	259,292	462,689	993,200	872,796	1,857,992	40,409	94	96
1962 ¹	(NA)	(NA)	(NA)	135,792	537,917	119,854	250,918	424,339	900,398	806,865	1,698,304	28,245	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	128,257	481,633	112,924	228,678	374,742	782,086	712,930	1,496,929	21,721	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	133,026	499,197	117,368	240,323	391,031	809,748	746,949	1,551,875	25,849	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	137,403	507,836	121,366	250,983	399,866	837,013	780,983	1,604,925	30,954	(NA)	(NA)
1958.....	2,742	2,825	934	125,619	443,289	109,256	218,081	345,186	706,330	677,586	1,382,209	26,324	94	94
1957 ^{1,2}	(NA)	(NA)	(NA)	130,020	436,525	113,849	230,641	343,941	702,331	615,304	1,308,276	22,812	93	96
1956 ¹	(NA)	(NA)	(NA)	131,800	440,773	116,177	238,684	345,477	727,359	634,877	1,347,174	27,544	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	130,183	422,152	115,045	238,351	332,462	673,502	603,761	1,270,395	22,917	(NA)	(NA)
1954.....	2,731	785	958	124,898	388,409	109,618	222,063	303,249	602,091	568,973	1,170,568	17,161	94	93
1953 ¹	(NA)	(NA)	(NA)	142,563	445,747	127,385	261,589	359,871	688,161	606,929	1,295,090	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	126,208	385,033	111,278	233,813	300,618	617,420	537,606	1,155,026	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	136,106	396,926	121,242	246,885	310,507	616,140	542,503	1,158,643	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	140,341	378,732	125,460	267,464	303,145	601,239	534,691	1,135,930	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	123,717	306,928	110,856	232,160	241,731	450,790	360,670	811,460	(NA)	(NA)	(NA)
1947.....	2,208	2,248	(NA)	132,050	304,614	120,062	258,117	253,156	489,145	409,529	898,674	(NA)	94	94
1939 ³	(NA)	1,273	(NA)	(NA)	(NA)	83,923	(NA)	72,272	147,093	130,975	278,068	(NA)	(NA)	(NA)
INDUSTRY 2512.—WOOD FURNITURE, UPHOLSTERED														
1963.....	1,729	1,785	713	67,850	291,587	57,852	113,238	225,565	506,727	478,895	983,204	13,653	92	92
1962 ¹	(NA)	(NA)	(NA)	66,934	280,323	57,601	115,643	213,966	478,549	468,693	944,790	12,812	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	63,347	253,427	54,582	107,151	194,246	431,977	423,253	855,188	10,354	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	66,251	254,593	56,152	110,994	194,789	443,558	428,823	874,486	10,180	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	65,814	254,598	56,167	112,609	196,173	449,386	437,168	885,663	15,432	(NA)	(NA)
1958 ⁴	1,707	1,760	682	61,100	231,436	51,519	98,972	176,332	386,968	391,790	776,670	11,024	91	91
1958 ⁵	(NA)	1,922	771	67,655	256,969	56,692	109,188	194,066	432,194	447,344	877,366	11,861	94	90
1957 ¹	(NA)	(NA)	(NA)	66,603	254,204	56,454	110,389	191,061	435,038	438,708	868,914	9,939	95	89
1956 ¹	(NA)	(NA)	(NA)	64,104	241,224	54,887	109,755	183,677	417,225	416,982	826,756	11,146	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	60,923	220,701	52,640	105,614	168,873	376,326	384,379	753,702	9,680	(NA)	(NA)
1954.....	1,738	1,780	645	56,022	193,596	48,119	93,276	146,990	314,837	319,780	632,813	6,934	94	85
1953 ¹	(NA)	(NA)	(NA)	57,832	199,237	50,610	100,381	157,424	316,802	327,930	644,732	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	50,509	174,838	44,470	88,016	135,811	292,516	268,410	560,962	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	48,522	154,438	42,449	82,648	119,561	268,903	244,769	513,672	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	52,191	151,511	46,210	91,092	119,939	245,462	254,977	500,439	(NA)	(NA)	(NA)
1947.....	1,364	1,391	(NA)	44,755	14,861	39,786	80,656	92,908	192,430	188,623	381,053	(NA)	92	83
1939 ³	(NA)	977	(NA)	(NA)	(NA)	32,226	(NA)	32,481	67,696	68,320	136,016	(NA)	(NA)	(NA)
1937.....	(NA)	791	(NA)	(NA)	(NA)	31,667	(NA)	32,995	65,611	73,654	139,265	(NA)	(NA)	(NA)
INDUSTRY 2514.—METAL HOUSEHOLD FURNITURE														
1963.....	508	517	244	29,346	128,819	24,322	47,908	91,987	247,003	280,697	524,305	6,840	88	89
1962 ¹	(NA)	(NA)	(NA)	28,924	127,254	24,333	47,932	89,771	222,453	275,908	498,403	9,149	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	29,730	131,661	24,805	48,893	92,918	216,921	278,422	496,701	6,237	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	31,687	134,308	26,499	52,721	95,495	228,792	288,253	519,123	6,710	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	32,528	137,510	27,394	54,609	99,703	238,964	310,381	548,069	6,829	(NA)	(NA)
1958.....	613	626	272	30,338	124,620	24,576	48,170	89,165	218,667	274,660	496,147	6,266	88	88
1957 ¹	(NA)	(NA)	(NA)	35,955	139,885	28,926	55,918	97,803	234,478	288,205	518,294	6,647	87	87
1956 ¹	(NA)	(NA)	(NA)	33,562	126,745	27,293	52,789	91,332	222,357	267,615	489,350	9,478	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	33,203	122,541	27,398	53,550	89,337	215,968	260,821	469,540	8,905	(NA)	(NA)
1954.....	635	641	261	29,629	110,933	24,345	47,083	80,199	192,978	220,290	412,482	8,720	87	83
1953 ¹	(NA)	(NA)	(NA)	26,072	96,655	21,744	41,780	72,182	161,814	187,871	349,685	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	26,796	97,488	22,414	45,400	71,180	183,432	200,291	383,723	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	25,834	88,926	21,723	43,098	64,195	169,581	195,986	365,567	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	25,299	80,788	21,400	44,680	60,380	157,474	179,864	337,338	(NA)	(NA)	(NA)
1947.....	305	312	(NA)	19,651	52,463	16,819	34,015	40,240	97,087	97,764	194,851	(NA)	83	73
1939 ³	(NA)	138	(NA)	(NA)	(NA)	7,633	(NA)	8,490	19,587	20,380	39,967	(NA)	(NA)	(NA)
INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS														
1963 ⁶	1,066	1,120	340	30,061	146,287	22,993	45,765	94,589	285,510	357,997	641,008	7,310	90	90
1962 ¹	(NA)	(NA)	(NA)	31,511	148,662	23,879	47,336	95,705	263,932	377,021	640,641	(5,922)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	30,201	136,315	22,716	45,354	88,626	239,668	350,112	587,665	(5,864)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	30,531	138,776	23,378	45,997	88,929	242,166	344,573	578,985	4,693	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	32,610	142,945	25,261	50,626	96,159	253,786	358,698	614,928	4,528	(NA)	(NA)
1958 ⁴	1,158	1,215	377	31,713	132,258	24,651	47,874	88,197	248,801	321,986	572,150	7,333	90	88
1958 ⁵	(NA)	1,052	289	25,517	108,927	19,759	38,205	71,744	207,844	268,621	477,906	6,594	86	91
1957 ¹	(NA)	(NA)	(NA)	32,740	133,404	24,611	49,382	90,007	246,649	287,246	533,222	4,888	78	93
1956 ¹	(NA)	(NA)	(NA)	34,403	136,377	26,589	52,966	95,141	248,821	293,095	539,897	5,539	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	34,055	134,080	27,156	54,136	95,748	246,983	284,655	525,384	(NA)	(NA)	(NA)
1954 ⁷	1,158	1,195	266	32,096	121,516	25,122	49,325	84,588	218,155	248,153	464,516	5,306	77	91
1953 ¹	(NA)	(NA)	(NA)	32,636	123,756	26,646	53,582	89,065	214,002	248,147	462,149	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	29,202	104,223	24,646	50,212	77,651	182,954	227,263	410,217	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	31,417	103,148	26,719	52,089	76,504	179,206	262,355	441,561	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	31,099	98,496	26,334	53,909	70,502	161,234	225,587	386,821	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS—Continued													
1949 ¹	(NA)	(NA)	(NA)	25,956	81,945	23,367	45,551	58,872	146,800	159,141	305,941	(NA)	(NA)	(NA)
1947.....	842	878	(NA)	30,320	82,063	25,444	51,652	60,802	146,005	184,999	331,004	(NA)	76	93
1939.....	(NA)	947	(NA)	23,062	29,264	18,342	(NA)	19,498	52,173	60,942	113,115	(NA)	(NA)	(NA)
1937.....	(NA)	839	(NA)	22,333	26,446	19,165	(NA)	19,811	49,930	63,190	113,120	(NA)	(NA)	(NA)
1935.....	(NA)	824	(NA)	17,918	19,775	15,404	(NA)	14,668	35,862	48,949	84,811	(NA)	(NA)	(NA)
1933.....	(NA)	645	(NA)	15,130	13,446	13,280	(NA)	10,694	27,233	32,491	59,724	(NA)	(NA)	(NA)
1931.....	(NA)	781	(NA)	(NA)	(NA)	13,622	(NA)	14,702	39,999	37,509	77,508	(NA)	(NA)	(NA)
1929.....	(NA)	951	(NA)	19,856	29,598	17,187	(NA)	22,584	61,753	61,527	123,280	(NA)	(NA)	(NA)
1927.....	(NA)	838	(NA)	16,206	23,891	13,481	(NA)	16,887	46,653	52,182	98,835	(NA)	(NA)	(NA)
1925 ⁸	(NA)	1,018	(NA)	17,304	23,883	14,403	(NA)	17,430	48,228	62,489	110,717	(NA)	(NA)	(NA)
1923.....	(NA)	1,015	(NA)	17,104	23,018	14,103	(NA)	16,473	46,085	61,477	107,562	(NA)	(NA)	(NA)
1921.....	(NA)	889	(NA)	14,045	18,778	11,748	(NA)	13,546	32,568	42,056	74,624	(NA)	(NA)	(NA)
1919.....	(NA)	1,041	(NA)	15,261	18,364	12,637	(NA)	12,805	34,744	49,209	83,953	(NA)	(NA)	(NA)
1914.....	(NA)	1,000	(NA)	13,971	9,414	11,747	(NA)	6,723	16,318	22,399	38,717	(NA)	(NA)	(NA)
1909.....	(NA)	930	(NA)	13,240	7,810	11,322	(NA)	5,771	15,300	20,483	35,783	(NA)	(NA)	(NA)
1904.....	(NA)	716	(NA)	11,681	6,069	10,427	(NA)	4,816	12,429	15,326	27,755	(NA)	(NA)	(NA)
1899.....	(NA)	589	(NA)	8,500	3,872	7,649	(NA)	3,102	7,729	10,227	17,956	(NA)	(NA)	(NA)
	INDUSTRY 2519.—HOUSEHOLD FURNITURE, N.E.C.													
1963.....	72	75	30	2,054	8,384	1,742	3,398	5,859	15,054	13,843	28,937	630	84	51
1962 ¹	(NA)	(NA)	(NA)	(1,173)	(5,212)	(977)	(1,869)	(3,663)	(10,169)	(8,768)	(19,308)	(Z)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	(1,243)	(5,015)	(1,116)	(2,226)	(3,625)	(10,685)	(11,269)	(22,081)	(Z)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	(1,557)	(6,485)	(1,376)	(2,482)	(4,700)	(14,294)	(13,502)	(27,577)	(Z)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	(1,932)	(7,913)	(1,623)	(3,331)	(5,936)	(16,448)	(17,712)	(34,103)	(Z)	(NA)	(NA)
1958.....	92	93	32	2,205	8,383	1,850	3,424	6,406	16,176	14,526	30,643	686	88	68
1954.....	69	69	19	1,285	4,437	1,056	2,074	3,316	7,895	7,956	15,812	2,161	86	59
1947.....	(NA)	50	(NA)	1,653	4,057	1,459	(NA)	3,076	7,738	6,292	14,030	(NA)	83	71

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Data for Alaska and Hawaii are not included for 1957 and prior years.

³The figures for 1939 are not entirely comparable with earlier years. Value added by manufacture for 1939 on a basis comparable with 1937 was \$62.7 million for "Household furniture, upholstered." No comparable figures are available for "Wood household furniture, except upholstered," prior to 1939.

⁴A revision in the definition of this industry was introduced in the 1957 SIC. Figures for 1957 and earlier years are on the old SIC definition of the industry. The details of these revisions are described in Volume II, Industry Statistics, 1958 Census of Manufactures.

⁵Retabulated to provide 1958 data on a basis comparable to that shown for 1957 and earlier years.

⁶Data for Alaska and Hawaii are included only for 1963.

⁷In this industry, which contains a large number of very small establishments, there is a possibility that some of these small establishments have been misclassified as to industry. This would not affect the statistics other than the number of establishments.

⁸The figures for 1899-1925 include data for establishments engaged primarily in renovating mattresses.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2511.—WOOD FURNITURE, NOT UPHOLSTERED													
Total.....	3,063	992	140,982	574,614	124,699	259,292	462,689	993,200	872,796	1,857,992	40,409	125,619	706,330
New England.....	217	81	8,746	38,169	7,482	15,535	29,180	60,222	51,908	111,611	2,337	7,000	40,756
Maine.....	14	5	427	1,646	362	781	1,258	2,526	2,242	4,562	27	(²)	(²)
New Hampshire.....	22	12	1,463	5,862	1,180	2,286	4,168	10,085	8,320	18,447	264	837	4,634
Vermont.....	19	12	1,680	7,618	1,469	3,334	6,041	12,149	13,463	25,165	519	1,464	8,055
Massachusetts.....	123	46	4,495	19,876	3,865	7,908	15,147	31,156	24,478	55,608	1,100	3,803	23,074
Connecticut.....	34	6	655	3,067	587	1,180	2,482	4,210	3,251	7,588	163	536	2,930
Middle Atlantic....	736	187	17,814	77,866	15,307	31,094	61,782	126,280	109,789	234,623	4,602	17,267	103,620
New York.....	412	93	8,247	37,705	7,013	14,029	29,826	61,043	46,824	107,701	2,014	8,398	53,085
New Jersey.....	137	30	2,166	9,651	1,867	3,705	7,376	16,252	19,641	35,854	501	1,584	9,750
Pennsylvania.....	187	64	7,401	30,510	6,427	13,360	24,580	48,985	43,324	91,068	2,087	7,285	40,785
East North Central.	491	207	25,121	110,595	21,897	45,610	88,154	180,140	155,330	334,237	6,664	24,570	146,416
Ohio.....	72	19	1,836	8,330	1,592	3,140	6,552	15,229	11,614	27,058	905	2,008	13,803
Indiana.....	111	78	11,443	49,922	10,073	21,414	40,291	83,881	76,446	160,099	3,765	9,262	53,310
Illinois.....	138	46	4,791	21,308	4,169	8,431	16,878	30,955	30,301	60,920	1,028	5,719	34,773
Michigan.....	113	45	4,577	20,679	3,958	8,331	16,377	33,419	23,238	56,272	589	4,939	28,949
Wisconsin.....	57	19	2,474	10,356	2,105	4,294	8,056	16,656	13,731	29,888	377	2,642	15,581
West North Central.	124	24	1,988	8,125	1,695	3,267	6,157	14,024	13,980	27,687	709	1,816	10,198
Minnesota.....	48	6	741	2,851	656	1,252	2,371	4,448	3,535	7,945	208	437	2,717
Iowa.....	16	5	397	2,038	328	659	1,377	3,636	3,636	7,184	175	612	3,139
Missouri.....	38	12	768	2,916	638	1,209	2,132	5,461	6,296	11,510	149	667	3,951
South Atlantic.....	500	228	52,569	195,888	48,173	102,882	164,229	376,263	324,148	696,581	16,868	44,324	235,711
Maryland.....	36	15	1,127	4,675	953	1,976	3,572	7,709	5,964	13,668	184	588	3,667
Virginia.....	67	37	14,660	58,682	13,575	30,603	50,350	124,869	110,729	233,299	5,985	12,259	73,973
North Carolina.....	159	100	28,120	102,845	25,957	54,730	87,148	194,841	162,061	355,780	8,661	23,831	122,959
South Carolina.....	27	12	2,616	9,609	2,310	4,840	6,938	16,053	15,010	31,073	726	2,622	11,573
Georgia.....	54	26	2,928	8,805	2,667	5,203	7,420	13,820	14,294	27,842	462	1,945	7,204
Florida.....	143	34	2,681	9,970	2,308	4,794	7,738	17,297	14,427	31,660	749	2,461	13,591
East South Central.	171	68	15,006	54,693	13,200	27,031	43,493	88,232	80,585	169,083	4,273	12,638	61,219
Kentucky.....	37	15	2,593	11,361	2,276	4,448	9,041	16,911	14,978	31,960	491	2,686	15,204
Tennessee.....	79	32	7,898	27,442	7,028	14,583	22,185	43,672	41,195	85,196	2,714	5,816	26,553
Alabama.....	35	12	1,485	4,574	1,339	2,733	3,874	9,758	8,443	18,311	611	1,568	7,246
Mississippi.....	20	9	3,030	11,316	2,557	5,267	8,393	17,891	15,969	33,616	457	2,568	12,216
West South Central.	161	53	7,673	26,388	6,799	13,904	21,027	43,705	53,137	96,291	1,620	6,919	31,323
Arkansas.....	40	24	5,033	17,548	4,477	9,154	13,900	27,531	34,155	61,296	597	4,387	18,015
Louisiana.....	20	4	288	954	251	503	762	1,401	2,433	3,779	96	289	1,444
Oklahoma.....	20	4	708	2,564	612	1,304	1,947	4,514	4,719	9,266	217	677	3,382
Texas.....	81	21	1,644	5,322	1,459	2,943	4,418	10,259	11,830	21,950	710	1,566	8,482
Mountain.....	75	9	710	3,034	606	1,182	2,451	5,160	5,060	10,172	(D)	426	2,699
Colorado.....	19	3	236	919	199	358	725	2,236	1,779	4,013	66	104	673
New Mexico.....	11	3	145	471	127	249	359	364	864	1,196	(D)	(²)	(²)
Arizona.....	22	1	127	672	109	225	586	1,077	883	1,947	35	181	1,261
Utah.....	11	2	159	744	132	273	584	1,134	1,125	2,259	69	(²)	(²)
Pacific.....	588	135	11,355	59,856	9,540	18,787	46,216	99,174	78,859	177,707	(D)	10,659	74,388
Washington.....	55	10	1,061	4,943	903	1,681	4,087	8,770	6,027	15,332	238	1,591	11,682
Oregon.....	43	11	1,533	7,896	1,375	2,761	6,419	12,603	9,554	21,791	372	984	5,816
California.....	479	109	8,454	45,446	7,087	13,959	34,945	76,089	60,654	136,102	2,400	7,785	55,220
INDUSTRY 2512.—WOOD FURNITURE, UPHOLSTERED													
Total.....	1,785	713	67,850	291,587	57,852	113,238	225,565	506,727	478,895	983,204	13,653	61,100	386,968
North East.....	128	47	3,108	13,397	2,623	5,138	10,725	23,081	20,913	43,874	283	3,686	21,457
Massachusetts.....	92	37	2,525	10,678	2,104	4,126	8,463	18,817	17,313	36,094	228	2,707	15,407
Connecticut.....	22	9	507	2,436	459	894	2,034	3,735	3,025	6,679	33	698	4,265
Middle Atlantic....	374	91	7,962	39,353	6,737	12,967	30,454	65,442	58,343	123,438	1,419	9,383	65,956
New York.....	240	48	4,388	23,006	3,740	7,060	17,983	38,578	31,777	70,073	941	5,576	40,513
East North Central.	249	103	10,861	52,041	9,220	17,636	38,581	90,860	77,702	167,619	1,938	11,744	81,644
Ohio.....	57	17	1,884	9,772	1,556	3,015	7,262	16,530	14,014	30,467	463	2,352	16,522
Indiana.....	48	27	2,941	12,719	2,494	4,661	8,343	20,456	18,275	38,552	468	3,253	19,715
Illinois.....	64	28	3,022	14,998	2,571	4,979	11,740	27,423	22,405	49,577	428	3,638	28,195
Michigan.....	63	26	2,120	10,277	1,852	3,671	8,149	19,050	16,378	35,175	(D)	1,756	12,107
Wisconsin.....	17	5	894	4,275	747	1,310	3,087	7,401	6,630	13,848	(D)	745	5,105

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2512.—WOOD FURNITURE, UPHOLSTERED—Continued													
West North Central.	69	26	1,999	9,832	1,633	3,202	6,774	15,880	15,500	31,347	594	2,301	14,783
Minnesota.....	13	5	287	1,498	243	474	1,106	2,121	2,157	4,271	27	501	2,953
Iowa.....	12	4	588	3,113	451	908	2,071	4,892	5,145	10,071	277	692	4,578
Missouri.....	29	11	682	2,772	570	1,050	2,053	4,626	4,926	9,497	138	(²)	(²)
Nebraska.....	10	5	383	2,179	321	681	1,335	3,770	2,791	6,554	146	393	3,341
South Atlantic....	361	183	20,023	76,491	17,552	34,974	61,029	140,320	137,944	277,120	5,692	15,816	87,840
Maryland.....	19	8	868	3,413	734	1,525	2,657	6,215	6,022	12,048	109	785	4,303
Virginia.....	16	10	2,182	8,927	1,948	3,869	7,127	17,554	17,187	34,568	675	1,532	9,973
West Virginia.....	7	4	288	863	254	492	661	1,626	911	2,534	9	234	1,111
North Carolina...	242	130	14,174	53,454	12,491	24,855	43,184	100,458	99,079	198,777	4,260	10,383	59,135
South Carolina...	13	2	177	605	151	267	502	911	993	1,906	29	307	391
Georgia.....	22	12	1,458	5,838	1,235	2,480	4,228	8,834	9,270	18,035	231	1,654	8,353
Florida.....	42	17	876	3,391	739	1,486	2,670	4,722	4,482	9,252	379	921	4,574
East South Central.	127	77	10,042	33,955	8,462	17,332	27,077	59,888	68,672	128,527	1,382	6,682	39,189
Kentucky.....	17	13	1,253	4,631	1,028	2,228	3,595	7,447	8,952	16,412	203	948	5,467
Tennessee.....	64	38	5,508	17,738	4,801	9,703	14,900	29,586	32,412	61,838	704	3,769	19,223
Alabama.....	18	7	609	2,089	548	1,044	1,646	3,369	2,820	6,131	111	313	1,741
Mississippi.....	28	19	2,672	9,497	2,085	4,357	6,936	19,486	24,488	44,146	364	1,652	12,758
West South Central.	103	45	4,906	17,896	4,121	7,818	13,157	33,156	31,352	64,113	790	4,226	25,391
Arkansas.....	31	18	1,654	5,498	1,401	2,405	3,929	10,728	11,680	22,284	389	1,357	7,161
Texas.....	56	23	2,835	10,940	2,347	4,650	8,104	18,862	16,713	35,326	372	2,462	15,803
Mountain.....	37	13	706	3,042	582	1,162	2,231	4,852	4,381	9,266	168	616	3,547
Utah.....	8	3	193	965	170	338	718	1,310	1,378	2,681	50	216	1,220
Pacific.....	337	128	8,243	45,580	6,922	13,009	35,537	73,248	64,088	137,900	1,387	6,646	47,161
Washington.....	26	5	423	2,268	355	634	1,800	3,407	3,010	6,395	38	432	2,441
California.....	299	119	7,390	40,887	6,197	11,735	31,846	66,272	58,223	125,123	1,287	5,621	40,997
INDUSTRY 2514.—METAL HOUSEHOLD FURNITURE													
Total.....	517	244	29,346	128,819	24,322	47,908	91,987	247,003	280,697	524,305	6,840	30,338	218,667
New England.....	28	14	1,472	6,450	1,246	2,213	4,724	12,219	10,576	22,612	305	1,289	8,627
Massachusetts....	18	9	1,054	4,481	914	1,538	3,294	8,509	7,820	16,240	253	(²)	(²)
Middle Atlantic....	175	69	6,307	26,624	5,353	10,566	19,981	48,738	55,594	104,705	1,238	8,438	58,229
New York.....	116	34	2,620	11,610	2,153	4,210	8,403	21,331	21,405	42,659	424	3,791	26,612
New Jersey.....	24	12	1,231	4,346	1,106	2,301	3,462	9,224	10,589	19,794	238	631	3,921
Pennsylvania.....	35	23	2,456	10,668	2,094	4,055	8,116	18,183	23,600	42,252	576	4,016	27,696
East North Central.	105	62	9,054	45,182	7,101	14,008	30,603	84,276	95,599	177,402	2,291	11,080	89,422
Ohio.....	18	10	2,317	11,260	1,821	3,774	8,068	20,213	27,613	47,464	588	1,949	13,246
Indiana.....	12	10	2,052	11,639	1,567	3,009	7,284	22,816	19,074	39,898	656	2,494	23,741
Illinois.....	52	31	3,590	17,771	2,808	5,589	12,064	31,054	38,304	69,641	814	5,025	37,690
West North Central.	14	6	657	2,316	575	1,101	1,823	5,314	7,433	12,556	191	1,522	9,764
Missouri.....	8	5	537	1,887	473	883	1,494	4,773	6,746	11,330	176	1,447	9,421
South Atlantic....	75	35	4,269	15,136	3,693	7,121	10,958	29,410	38,847	67,787	501	2,794	14,809
Maryland.....	8	5	246	1,014	195	359	712	941	2,210	3,296	48	374	1,978
North Carolina...	10	9	940	3,261	835	1,712	2,550	7,387	8,363	15,609	109	(²)	(²)
Georgia.....	9	6	1,453	4,188	1,352	2,365	3,297	7,550	14,512	22,084	105	(²)	(²)
Florida.....	41	10	784	2,673	644	1,242	1,927	5,546	5,732	10,833	91	1,114	4,984
East South Central.	22	16	3,157	10,962	2,761	5,576	8,362	24,998	30,918	55,985	1,260	1,577	10,803
Tennessee.....	6	6	1,468	4,614	1,287	2,501	3,703	11,756	13,186	25,620	982	341	1,980
Alabama.....	8	5	609	2,778	523	1,017	2,033	4,911	4,699	9,681	154	(²)	(²)
West South Central.	22	11	1,163	4,584	943	2,013	3,219	8,776	10,417	19,062	168	1,069	6,753
Arkansas.....	4	3	394	1,478	277	706	1,048	2,699	3,819	6,468	75	278	1,411
West.....	76	31	3,267	17,565	2,650	5,310	12,317	33,272	31,313	64,196	886	2,569	20,250
INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS													
Total.....	1,120	340	30,061	146,287	22,993	45,765	94,589	285,510	357,997	641,008	7,310	31,713	248,801
New England.....	81	24	1,917	8,973	1,454	2,887	5,853	17,828	24,302	41,918	226	2,071	15,516
New Hampshire....	4	2	113	445	92	161	279	664	997	1,655	(D)	(²)	(²)
Massachusetts.....	50	15	1,095	5,097	826	1,558	3,280	10,342	13,413	23,556	116	1,480	11,079
Connecticut.....	16	5	595	2,931	452	994	2,023	5,999	8,548	14,556	76	350	2,969

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS—Continued													
Middle Atlantic.....	218	65	5,249	27,531	3,968	7,709	17,790	55,749	64,236	119,326	1,205	6,456	53,439
New York.....	134	35	2,295	11,713	1,771	3,462	7,479	21,803	27,029	48,751	510	2,694	23,228
New Jersey.....	41	12	2,012	11,219	1,516	2,954	7,714	24,585	22,689	46,901	291	2,593	21,315
Pennsylvania.....	43	18	942	4,599	681	1,293	2,597	9,361	14,518	23,674	404	1,169	8,896
East North Central..	150	57	6,569	33,647	4,980	9,928	21,945	65,396	76,462	141,818	2,177	6,277	53,464
Ohio.....	36	17	1,765	8,913	1,473	2,716	6,580	21,049	22,750	43,669	451	1,845	19,786
Indiana.....	20	9	2,205	11,491	1,574	3,250	7,295	21,162	21,238	42,434	375	(²)	(²)
West North Central..	85	26	2,464	12,925	1,857	3,651	7,433	24,221	34,692	58,176	280	2,028	18,144
Minnesota.....	13	6	522	3,257	378	753	1,798	5,010	6,610	11,708	67	592	5,024
Missouri.....	36	9	691	3,510	520	1,030	2,143	6,622	9,852	16,472	105	669	5,514
Kansas.....	13	5	639	2,902	542	1,020	2,058	6,028	6,017	12,133	25	411	4,853
South.....	373	111	9,073	37,351	7,069	14,467	24,375	72,607	95,910	167,766	2,106	9,953	63,769
Maryland.....	15	8	428	1,616	335	646	1,133	3,279	4,409	7,669	75	477	3,050
Virginia.....	14	5	317	1,181	249	469	725	2,361	2,942	5,300	44	289	1,872
North Carolina.....	48	18	1,137	4,589	874	1,697	2,771	8,555	12,434	20,934	229	1,264	6,432
Georgia.....	24	7	1,475	7,077	1,190	2,576	4,932	12,264	13,810	25,749	325	1,777	13,730
Florida.....	53	14	872	3,577	676	1,384	2,503	8,165	9,844	17,879	260	1,040	7,160
Tennessee.....	23	9	1,468	6,210	1,072	2,414	3,412	11,025	15,875	26,789	359	1,388	8,488
Alabama.....	20	4	335	1,221	241	454	762	2,177	2,822	4,954	47	(²)	(²)
Arkansas.....	14	2	148	422	129	244	346	690	1,360	2,063	14	133	484
Louisiana.....	18	5	209	664	176	332	485	1,238	1,995	3,222	49	(²)	(²)
Oklahoma.....	17	2	119	433	90	174	283	876	1,134	1,989	35	171	1,131
Texas.....	80	23	1,726	7,320	1,380	2,823	5,017	15,777	20,141	35,908	332	1,966	14,179
Mountain.....	51	11	732	3,092	599	1,233	2,207	5,435	9,111	14,586	153	729	5,912
Colorado.....	9	5	227	1,125	182	365	721	2,128	3,482	5,652	60	334	3,499
Arizona.....	17	3	241	921	189	353	600	1,630	2,609	4,234	57	145	950
Utah.....	8	2	192	781	167	394	667	1,270	2,274	3,549	18	(²)	(²)
Pacific.....	162	46	4,057	22,768	3,066	5,890	14,986	44,274	53,284	97,418	1,163	4,199	38,557
Washington.....	17	5	271	1,504	205	384	987	2,678	3,822	6,497	100	260	2,076
Oregon.....	10	3	212	955	174	336	692	2,051	2,796	4,837	42	125	931
California.....	129	35	3,420	19,608	2,575	4,958	12,908	38,550	45,221	83,641	988	3,814	35,550
Hawaii.....	6	3	154	701	112	212	399	995	1,445	2,443	33	(²)	(²)
INDUSTRY 2519.—HOUSEHOLD FURNITURE, N.E.C.													
Total.....	75	30	2,054	8,384	1,742	3,398	5,859	15,054	13,843	28,937	630	2,205	16,176
New England.....	5	3	263	790	217	295	529	963	1,378	2,395	103	59	223
Massachusetts.....	5	3	263	790	217	295	529	963	1,378	2,395	103	(²)	(²)
Middle Atlantic.....	17	10	676	2,830	569	1,201	1,798	6,658	4,263	10,928	225	745	4,538
New York.....	12	5	357	1,583	283	560	1,056	4,212	2,013	6,172	(D)	433	2,718
North Central.....	13	3	309	1,450	267	523	1,043	2,075	2,049	4,090	108	630	5,774
South.....	22	9	526	1,832	455	915	1,391	2,709	3,648	6,413	137	326	1,587
Florida.....	12	5	270	965	225	473	688	1,503	1,785	3,263	87	168	886
West.....	18	5	280	1,482	234	464	1,098	2,649	2,505	5,111	57	445	4,054

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2511, Wood Furniture, Not Upholstered: New England—Rhode Island, 5 (20-99); West North Central—South Dakota, 3 (20-99); Nebraska, 6 (1-19); Kansas, 13 (20-99); South Atlantic—Delaware, 1 (1-19); District of Columbia, 1 (1-19); West Virginia, 12 (250-499); Mountain—Montana, 5 (20-99); Idaho, 3 (1-19); Wyoming, 1 (1-19); Nevada, 3 (1-19); Pacific—Alaska, 1 (1-19); Hawaii, 10 (250-499).

SIC 2512, Wood Furniture, Upholstered: New England—Maine, 3 (1-19); New Hampshire, 7 (20-99); Rhode Island, 4 (1-19); Middle Atlantic—New Jersey, 37 (500-999); Pennsylvania, 97 (2,500-4,999); West North Central—South Dakota, 1 (1-19); Kansas, 4 (20-99); West South Central—Louisiana, 8 (376); Oklahoma, 8 (20-99); Mountain—Idaho, 1 (20-99); Colorado, 16 (100-249); New Mexico, 2 (20-99); Arizona, 9 (100-249); Nevada, 1 (20-99); Pacific—Oregon, 11 (250-499); Hawaii, 1 (1-19).

SIC 2514, Metal Household Furniture: New England—Maine, 2 (1-19); Rhode Island, 1 (1-19); Connecticut, 7 (250-499); East North Central—Michigan, 20 (925); Wisconsin, 3 (170); West North Central—Minnesota, 3 (20-99); Iowa, 1 (1-19); Nebraska, 1 (1-19); Kansas, 1 (20-99); South Atlantic—District of Columbia, 1 (1-19); Virginia, 4 (500-999); South Carolina, 2 (20-99); East South Central—Kentucky, 5 (506); Mississippi, 3 (574); West South Central—Louisiana, 3 (100-249); Oklahoma, 2 (1-19); Texas, 13 (500-999); Mountain—Colorado, 2 (20-99); New Mexico, 1 (1-19); Arizona, 1 (1-19); Pacific—Oregon, 1 (1-19); California, 70 (3,178); Hawaii, 1 (1-19).

SIC 2515, Mattresses and Bedspings: New England—Maine, 5 (20-99); Vermont, 2 (1-19); Rhode Island, 4 (20-99); East North Central—Illinois, 47 (1,851); Michigan, 34 (569); Wisconsin, 13 (179); West North Central—Iowa, 11 (250-499); North Dakota, 2 (1-19); South Dakota, 2 (1-19); Nebraska, 8 (206); South Atlantic—Delaware, 2 (1-19); District of Columbia, 2 (20-99); West Virginia, 6 (20-99); South Carolina, 11 (100-249); East South Central—Kentucky, 13 (100-249); Mississippi, 13 (250-499); Mountain—Montana, 2 (1-19); Idaho, 7 (20-99); New Mexico, 5 (1-19); Nevada, 3 (1-19).

SIC 2519, Household Furniture, N.E.C.: Middle Atlantic—New Jersey, 2 (100-249); Pennsylvania, 3 (100-249); East North Central—Ohio, 2 (100-249); Indiana, 4 (1-19); Illinois, 6 (20-99); West North Central—Missouri, 1 (1-19); South Atlantic—Virginia, 2 (1-19); Georgia, 1 (20-99); East South Central—Kentucky, 2 (100-249); West South Central—Louisiana, 1 (20-99); Texas, 4 (20-99); Mountain—Arizona, 1 (1-19); Pacific—California, 15 (269); Hawaii, 2 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Wood furniture, not upholstered (SIC 2511)	Wood furniture, upholstered (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture, n.e.c. (SIC 2519)
Primary product specialization ratio ¹.....	.94	.92	.88	.90	.84
Coverage ratio ².....	.96	.92	.89	.90	.51
Establishments, total.....	3,063	1,785	517	1,120	75
With 1 to 19 employees.....	2,071	1,072	273	780	45
With 20 to 99 employees.....	651	547	162	289	23
With 100 employees or more.....	341	166	82	51	7
Proprietors and working partners.....	1,851	903	183	671	28
All employees (average for the year).....	140,982	67,850	29,346	30,061	2,054
Payroll (all employees), total for year.....\$1,000..	574,614	291,587	128,819	146,287	8,384
Production workers:					
Average for the year.....	number..				
March.....	124,699	57,852	24,322	22,993	1,742
May.....	120,357	57,385	26,268	22,717	1,803
August.....	122,151	55,920	26,113	22,272	1,809
November.....	126,607	57,750	22,070	23,753	1,676
Man-hours.....	1,000..				
January-March.....	259,292	113,238	47,908	45,765	3,398
April-June.....	62,329	27,021	12,591	10,768	857
July-September.....	63,934	27,551	12,672	11,132	848
October-December.....	64,275	28,013	11,287	12,171	836
Wages.....\$1,000..	68,754	30,653	11,358	11,694	857
Cost of materials, etc., total.....	462,689	225,565	91,987	94,589	5,859
Materials, parts, containers, and supplies consumed.....	872,796	478,895	280,697	357,997	13,843
Cost of resales.....	799,183	457,571	266,258	333,931	13,222
Fuels consumed.....	50,475	14,233	6,239	20,640	214
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	738	176	156	105	10
Cost.....\$1,000..	11,655	3,115	2,600	1,895	163
Generated less sold.....million kw.-hrs..	66	172	(D)	(D)	(D)
Contract work.....\$1,000..	6,888	2,316	3,807	328	194
Value of shipments (including resales), total.....	1,857,992	983,204	524,305	641,008	28,937
Value of resales.....	61,369	19,912	7,874	25,278	309
Value added by manufacture, adjusted.....	993,200	506,727	247,003	285,510	15,054
Manufacturers' inventories:					
Beginning of year, total.....	273,432	95,049	66,686	69,856	3,644
Finished products.....	98,443	18,196	20,171	15,053	1,173
Work-in-process.....	68,449	17,617	12,807	9,271	641
Materials, supplies, fuel, etc.....	106,540	59,242	33,708	45,532	1,830
End of year, total.....	285,345	104,251	69,934	73,513	3,658
Finished products.....	102,993	19,037	22,507	17,809	1,122
Work-in-process.....	71,903	19,197	13,866	9,014	652
Materials, supplies, fuel, etc.....	110,449	66,017	33,561	46,690	1,884
Expenditures for plant and equipment, total.....	43,130	16,026	7,986	7,922	657
New, total.....	40,409	13,653	6,840	7,310	630
New structures and additions to plant.....	14,448	5,473	1,127	2,311	138
New machinery and equipment.....	25,961	8,180	5,713	4,999	492
Used plant and equipment.....	2,721	2,373	1,146	612	27
Selected operating ratios:					
Payroll/Total employment.....	4,076	4,298	4,390	4,866	4,082
Production workers/Total employment.....	.88	.85	.83	.76	.85
Man-hours/Production workers.....	2,079	1,957	1,970	1,990	1,951
Production worker wages/Man-hours.....	1.78	1.99	1.92	2.07	1.72
Cost of materials and payrolls/Total value of shipments.....	.78	.78	.78	.79	.77
Cost of materials/Total value of shipments.....	.47	.49	.54	.56	.48
Adjusted value added/Total employment.....	7,045	7,468	8,417	9,498	7,329
Salaries and wages/Adjusted value added.....	.58	.58	.52	.51	.56

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2511.—WOOD FURNITURE, NOT UPHOLSTERED											
Establishments.....number..	3,063	1,219	424	428	409	242	220	75	37	8	1
All employees:											
Total.....do....	140,982	2,160	2,817	5,886	12,868	17,355	35,166	25,948	24,188	<u>14,594</u>	(D)
Payroll.....\$1,000..	574,614	9,332	12,069	24,194	52,078	72,362	142,445	102,544	105,263	<u>54,327</u>	(D)
Value added, adjusted.....do....	993,200	19,355	20,704	42,169	83,500	120,918	233,940	183,209	183,982	<u>105,423</u>	(D)
Value of shipments.....do....	1,857,992	39,390	39,127	79,498	163,354	229,426	438,394	352,701	341,068	<u>175,034</u>	(D)
Capital expenditures, new...do....	40,409	<u>12,702</u>	1,077	1,779	3,239	3,347	6,786	6,539	8,772	<u>6,168</u>	(D)
INDUSTRY 2512.—WOOD FURNITURE, UPHOLSTERED											
Establishments.....number..	1,785	490	261	321	387	160	117	37	11	1	-
All employees:											
Total.....do....	67,850	925	1,701	4,540	12,278	11,010	17,823	11,680	<u>7,893</u>	(D)	-
Payroll.....\$1,000..	291,587	3,837	6,927	18,998	53,140	48,597	76,093	49,891	<u>34,104</u>	(D)	-
Value added, adjusted.....do....	506,727	7,740	11,588	30,652	85,658	81,303	134,541	89,905	<u>65,340</u>	(D)	-
Value of shipments.....do....	983,204	14,142	23,175	58,863	168,315	154,077	266,999	173,099	<u>124,534</u>	(D)	-
Capital expenditures, new...do....	13,653	371	514	976	2,539	1,425	2,609	2,742	<u>2,477</u>	(D)	-
INDUSTRY 2514.—METAL HOUSEHOLD FURNITURE											
Establishments.....number..	517	129	66	78	99	63	51	27	4	-	-
All employees:											
Total.....do....	29,346	233	433	1,083	3,202	4,304	8,104	9,264	2,723	-	-
Payroll.....\$1,000..	128,819	1,048	1,908	4,600	12,788	18,984	34,755	40,954	13,782	-	-
Value added, adjusted.....do....	247,003	2,696	3,807	9,039	25,952	34,493	65,316	79,839	25,861	-	-
Value of shipments.....do....	524,305	5,860	7,734	18,724	52,518	79,382	144,692	166,029	49,366	-	-
Capital expenditures, new...do....	6,840	<u>1165</u>	112	187	606	845	2,363	2,092	470	-	-
INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS											
Establishments.....number..	1,120	391	188	201	203	86	36	9	4	2	-
All employees:											
Total.....do....	30,061	743	1,267	2,780	6,238	5,741	5,307	<u>7,985</u>	(D)	(D)	-
Payroll.....\$1,000..	146,287	2,574	4,866	12,027	28,355	28,212	27,431	<u>42,822</u>	(D)	(D)	-
Value added, adjusted.....do....	285,510	5,317	9,827	22,566	55,878	57,299	54,146	<u>80,477</u>	(D)	(D)	-
Value of shipments.....do....	641,008	13,032	25,397	56,660	134,885	131,347	119,857	<u>159,830</u>	(D)	(D)	-
Capital expenditures, new...do....	7,310	249	411	679	1,557	973	1,992	<u>1,449</u>	(D)	(D)	-
INDUSTRY 2519.—HOUSEHOLD FURNITURE, N.E.C.											
Establishments.....number..	75	21	13	11	17	6	7	-	-	-	-
All employees:											
Total.....do....	2,054	27	86	149	516	347	929	-	-	-	-
Payroll.....\$1,000..	8,384	109	367	682	2,316	1,273	3,637	-	-	-	-
Value added, adjusted.....do....	15,054	217	560	1,146	4,228	1,672	7,231	-	-	-	-
Value of shipments.....do....	28,937	432	907	2,364	9,528	3,717	11,989	-	-	-	-
Capital expenditures, new...do....	630	7	19	23	194	108	279	-	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

¹Includes capital expenditures for plants under construction but not in operation which constitute a small porportion of the total for the size class.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2511	Wood furniture, not upholstered...1963.. 1958 ¹	1,857,992 1,378,630	1,681,984 1,225,106	101,358 77,842	74,650 75,682	94 94	1,759,283 1,301,830	1,681,984 1,225,106	77,299 76,724	96 94
2512	Wood furniture, upholstered.....1963.. 1958..	983,204 776,670	881,283 698,909	77,833 67,032	24,088 10,729	92 91	958,989 758,904	881,283 698,909	77,706 59,995	92 91
2514	Metal household furniture.....1963.. 1958..	524,305 496,147	451,861 421,168	62,210 59,796	10,234 15,183	88 88	507,728 478,993	451,861 421,168	55,867 57,825	89 88
2515	Mattresses and bedsprings.....1963.. 1958..	641,008 572,150	547,057 498,171	63,248 52,459	30,703 21,520	90 90	608,674 569,294	547,057 498,171	61,617 71,123	90 88
2519	Household furniture, n.e.c.....1963.. 1958..	28,937 30,643	23,810 23,865	4,405 6,157	722 621	84 88	46,867 35,337	23,810 23,865	23,057 11,472	51 68

Note: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹Does not include data for Alaska and Hawaii.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Wood furniture, not upholstered (SIC 2511)	Wood furniture, upholstered ¹ (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture n.e.c. (SIC 2519)	Millwork plants (SIC 2431)	Other industries
	Total shipments of the industry.....	(X)	1,857,992	983,204	524,305	641,008	28,937	(X)	(X)
	Household furniture.....	3,881,541	1,733,076	949,185	460,168	584,469	25,406	13,172	116,065
25111	Radio, phonograph and television wood cabinets.....	158,378	156,134	(D)	-	-	(D)	110	1,627
25112	Other wood living room, library, sunroom and hall furniture.....	315,400	294,887	10,268	(D)	(D)	(D)	333	¹⁹ 068
25113	Wood dining room and kitchen furniture.....	272,257	260,330	8,676	(D)	(D)	(D)	112	1,200
25114	Kitchen cabinets, wood.....	250,083	235,395	(D)	(D)	-	-	11,529	(D)
25115	Wood bedroom furniture.....	578,236	563,153	3,044	336	4,150	(D)	(D)	²⁷ 147
25116	Infants' and children's wood furniture.....	43,524	36,064	-	(D)	(D)	(D)	(D)	³⁵ 941
25117	Wood outdoor furniture, and unpainted wood furniture.....	51,224	46,583	(D)	(D)	-	(D)	165	² 579
25110	Wood household furniture, except upholstered, n.s.k.....	90,181	89,438	153	(D)	-	(D)	245	294
25121	Upholstered wood household furniture.....	865,526	42,545	792,492	(D)	25,526	(D)	(D)	³ 776
25126	Furniture frames for household furniture.....	53,401	1,351	48,953	(D)	(D)	-	(D)	² 932
25120	Wood household furniture, upholstered, n.s.k.....	40,062	83	39,838	(D)	(D)	-	-	-
25141	Metal household dining and breakfast furniture.....	141,238	(D)	(D)	135,961	(D)	-	-	⁴⁴ 285
25142	Metal kitchen furniture.....	62,758	(D)	-	52,409	-	-	(D)	⁵⁹ 964
25143	Metal porch, lawn, and outdoor furniture.....	101,257	(D)	-	94,809	(D)	-	-	(D)
25144	Other metal household furniture.....	184,014	1,054	42	150,542	5,994	-	217	⁶²⁶ 165
25140	Metal household furniture, n.s.k.....	18,461	-	-	18,140	(D)	-	-	(D)
25151	Innerspring mattresses and spring cushions.....	234,147	(D)	726	(D)	224,672	-	-	⁷⁷ 050
25152	Other mattresses.....	50,195	781	(D)	(D)	46,928	-	-	1,956
25153	Bedsprings.....	157,285	353	438	1,722	153,546	-	-	1,226
25154	Convertible sofas.....	82,271	(D)	25,887	-	55,596	-	-	(D)
25155	Jackknife sofa beds and chair beds.....	38,783	(D)	16,007	-	21,718	-	-	(D)
25156	Studio couches.....	17,579	(D)	860	-	16,569	-	-	(D)
25150	Mattresses and bedsprings, n.s.k.....	28,414	(D)	113	(D)	28,028	-	-	(D)
25190	Household furniture, n.e.c.....	46,867	1,208	-	(D)	-	23,810	(D)	⁸²⁰ 907
	Other products.....	(X)	50,266	9,931	53,903	25,836	2,809	(X)	(X)
22930	Paddings, upholstery filling, batting, and wadding, excluding foam rubber and vinyl.....	(X)	-	-	-	4,232	-	(X)	(X)
24262	Hardwood dimension stock, furniture parts, and vehicle stock.....	(X)	3,346	388	(D)	-	-	(X)	(X)
24317	Cabinet work, to be built in.....	(X)	3,820	-	-	-	(D)	(X)	(X)
24420	Wirebound boxes made from lumber, veneer and plywood.....	(X)	(D)	-	-	-	-	(X)	(X)
24995	Wood products, n.e.c.....	(X)	2,544	(D)	-	-	-	(X)	(X)
25210	Wood office furniture.....	(X)	1,048	5,717	-	(D)	-	(X)	(X)
25221	Chairs, stools, couches, etc., including upholstered.....	(X)	-	(D)	(D)	-	-	(X)	(X)
25311	School furniture, except stone and concrete.....	(X)	2,120	(D)	(D)	-	-	(X)	(X)
25312	Public building and related furniture, except school furniture.....	(X)	(D)	(D)	3,238	(D)	-	(X)	(X)
25410	Wood partitions, shelving, lockers, and office and store fixtures.....	(X)	4,798	214	156	-	(D)	(X)	(X)
25990	Furniture and fixtures, n.e.c.....	(X)	3,673	(D)	4,021	(D)	-	(X)	(X)
32315	Mirrors.....	(X)	9,985	61	(D)	-	-	(X)	(X)
34310	Metal plumbing fixtures.....	(X)	-	-	843	-	-	(X)	(X)
34990	Fabricated metal products, n.e.c.....	(X)	949	-	4,059	(D)	-	(X)	(X)
	All other products.....	(X)	13,832	2,789	⁹ 38,256	¹⁰ 12,790	2,564	(X)	(X)
	Miscellaneous receipts.....	(X)	74,650	24,088	10,234	30,703	722	(X)	(X)
	Contract and commission work.....	(X)	10,528	2,127	1,549	956	251	(X)	(X)
	Repair work and other miscellaneous receipts.....	(X)	2,753	2,049	811	4,469	162	(X)	(X)
	Value of resales.....	(X)	61,369	19,912	7,874	25,278	309	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$2 million produced in industry 3931, Musical Instruments and Parts.

²Includes \$2 million produced in industry 2531, Public Building Furniture.

³Includes \$3 million produced in industry 3943, Children's Vehicles.

⁴Includes \$3 million produced in industry 2542, Metal Partitions and Fixtures.

⁵Includes \$3 million produced in industry 2542, Metal Partitions and Fixtures.

⁶Includes \$5 million produced in industry 3461, Metal Stampings. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 3444, Sheet Metal Work; 3481, Fabricated Wire Products, N.E.C.; 3499, Fabricated Metal Products, N.E.C.; 3943, Children's Vehicles.

⁷Includes shipments amounting to more than \$2 million produced in industry 3717, Motor Vehicles and Parts, but exact figures have been withheld to avoid disclosing individual company information.

⁸Includes \$17 million produced in industry 3079, Plastics Products, N.E.C.

⁹Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 25420, Metal partitions, shelving, lockers, and office and store fixtures; 30795, Industrial plastics products; 34819, Other fabricated wire products, not produced by wire drawers; 35860, Measuring and dispensing pumps; 36341, Electrical fans, except industrial type.

¹⁰Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 34990, Fabricated metal products, n.e.c.; 38410, Surgical and medical instruments and apparatus.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2511- --	WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED, TOTAL.....	(X)	1,759,283	(X)	1,304,830
25111 --	Radio, phonograph, and TV wood cabinets, total.....	(X)	158,378	(X)	114,011
25111 13	Radio, phonograph, and Hi-Fi cabinets and combinations thereof.....	3,799	72,547	5,225	114,011
25111 15	Television cabinets and combination TV, Hi-Fi and radio.....	3,256	84,728		
25111 00	Radio, phonograph, and TV wood cabinets, n.s.k.....	(X)	1,103		
25112 --	Other wood living room, library, sunroom, and hall furniture, total.....	(X)	315,400	(X)	222,448
25112 11	Sewing machine cabinets.....	698	18,342	583	18,004
25112 19	Other cabinets (records, music, sewing, smoking, etc.).....	(X)	8,796	(X)	8,539
25112 33	Chairs (except dining room).....	666	12,351	1,254	14,712
25112 35	Rockers.....	445	5,945		
25112 41	Tables (all types) except card and telephone tables.....	9,831	166,222		
25112 51	Desks:				
	Quantity reported.....	623	23,848	469	14,465
	Quantity not reported.....	(X)	(X)	(X)	2,162
25112 71	Credenzas, bookcases, and bookshelves.....	(X)	15,549	(X)	10,884
25112 98	Other nonupholstered living room furniture (settees, love seats, benches, secretaries, breakfronts, bars, cellarets, magazine racks, smoking stands, ornamental screens, whatnots, hanging shelves, telephone tables and chairs, piano stools, benches, card tables and chairs, etc.).....	(X)	33,567	(X)	22,615
25112 00	Other wood living room, library, sunroom, and hall furniture, n.s.k.....	(X)	30,780	(X)	3,597
25113 --	Wood dining room and kitchen furniture (except cabinets), total.....	(X)	272,257	(X)	166,632
25113 11	Tables 30 x 40 inches and greater, dining room:				
	Quantity reported.....	1,274	68,707	679	35,541
	Quantity not reported.....	(X)	(X)	(X)	6,272
25113 31	Chairs, dining room.....	7,217	100,167	3,921	50,729
25113 51	Buffets and servers, dining room.....	649	48,364	458	34,773
25113 71	China and corner cabinets, dining room.....	460	39,128	331	25,530
25113 98	Other dining and kitchen furniture (includes breakfast sets, junior dining furniture, chairs, stools, and tables not sold as a set).....	(X)	7,136	(X)	5,672
25113 00	Wood dining room and kitchen furniture, n.s.k.....	(X)	8,755	(X)	8,115
25114 --	Kitchen cabinets, wood.....	(X)	250,083	(X)	189,971
	Complete kitchen cabinets (factory made):				
	Includes complete cabinets to be used as individual units, or to be combined with other cabinets to form a built-in unit. Includes sink bases and fronts, wall and utility cabinets; excludes sink bowls, drain boards and sink tops:				
25114 12	Assembled.....	7,311	203,162	(S)	158,780
25114 15	Unassembled.....	636	12,222	582	10,589
25114 00	Kitchen cabinets (factory made) not identified as assembled or unassembled.....	(X)	34,699	(X)	20,602
25115 --	Wood bedroom furniture, total.....	(X)	578,236	(X)	457,215
25115 11	Beds, excluding headboards, headboard beds, bunk beds, cribs, cradles, hollywood beds, and youth beds.....	2,505	68,765	2,002	54,861
25115 13	Headboards and headboard beds.....	2,739	56,159	2,092	50,198
25115 15	Bunk beds, excluding mattresses and detachable springs.....	609	16,439	573	15,484
25115 21	Dressers, vanities, and dressing tables.....	3,674	200,055	2,982	160,555
25115 33	Wardrobes, chiffoniers, chifforobes, etc:				
	Quantity reported.....	189	7,970	2,947	113,229
	Quantity not reported.....	(X)	1,552		
25115 35	Chests of drawers.....	3,570	135,268		
25115 41	Cedar chests:				
	Quantity reported.....	274	8,018	340	9,701
	Quantity not reported.....	(X)	(X)	(X)	1,668
25115 51	Chairs, rockers, benches, and chaise lounges, excluding upholstered.....	(S)	2,421	214	2,819
25115 98	Other bedroom furniture, including night tables.....	(X)	65,240	(X)	32,027
25115 00	Bedroom furniture, n.s.k.....	(X)	16,349	(X)	16,673
25116 --	Infants and children's wood furniture, total.....	(X)	43,524	(X)	46,889
25116 11	Cribs, including springs sold as part of the crib.....	784	14,545	952	19,332
25116 42	Play yards and play pens.....	473	5,002	609	5,880
25116 98	Other infants' and children's furniture (chairs, tables, wardrobes, cradles, youth beds, chests of drawers, baby baths, nursery seats and chairs, highchairs and combination feeding chair tables, etc.).....	(X)	22,622	(X)	16,896
25116 00	Infants' and children's wood furniture, n.s.k.....	(X)	1,355	(X)	4,781

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2511- --	WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED--Continued				
25117 --	Wood outdoor furniture, and unpainted wood furniture, total.....	(X)	51,224	(X)	52,908
	Porch, lawn, and beach wood furniture:				
25117 12	Cots, folding, of wood and canvas.....	487	1,624	379	1,277
25117 21	Chairs, rockers, benches, and chaise lounges, including steamer and deck chairs.....	688	5,262	1,276	9,163
25117 29	Other wood porch, lawn and beach furniture, including gliders, swings, hammocks, tables, and picnic table sets.....	(X)	9,924	(X)	4,405
	Unpainted wood furniture:				
	Furniture-in-the-white (unpainted):				
25117 45	Chests of drawers.....	1,331	13,720	604	7,166
25117 49	Other furniture-in-the-white (unpainted) (bookcases, chairs, tables, beds, vanities, dressing tables, desks, corner cabinets, folding screens, hanging shelves, etc.).....	(X)	12,171	(X)	14,477
25117 98	Other nonupholstered wood household furniture.....	(X)	3,082	(X)	9,764
25117 00	Wood outdoor furniture and unpainted wood furniture, n.s.k.....	(X)	5,441	(X)	6,656
25110 00	Wood household furniture, except upholstered, n.s.k.....	(X)	90,181	(X)	154,756
2512- --	UPHOLSTERED WOOD HOUSEHOLD FURNITURE, TOTAL.....	(X)	958,989	(X)	758,904
25121 --	Upholstered wood household furniture, total.....	(X)	865,526	(X)	678,964
25121 12	Sofas, davenports, excluding dual-purpose, settees and love seats, excluding chairs sold as part of suites and sectional sofa pieces....	3,125	319,505	2,086	203,936
25121 32	Chairs (except reclining).....	6,725	277,038	5,982	220,456
25121 41	Sectional sofa pieces, (including pieces seating one person).....	1,096	92,708	1,687	125,154
25121 45	Rockers.....	1,489	56,274	1,493	42,761
	Reclining chairs:				
25121 53	Reclining chairs (adjustable with leg rest).....	1,129	56,597	} 675	29,809
25121 55	Other reclining chairs.....	47	2,869		
25121 72	Bedroom chairs, benches, and chaise lounges:				
	Quantity reported.....	119	3,596	153	3,569
	Quantity not reported.....	(X)	(X)	(X)	1,530
25121 98	Other upholstered wood household furniture (ottomans, hassocks, etc.)..	(X)	20,871	(X)	10,812
25121 00	Wood household furniture, upholstered, except dual-purpose sleep furniture, n.s.k.....	(X)	36,068	(X)	40,937
25126 11	Wood furniture frames for household furniture.....	(S)	53,401	(X)	36,477
25120 00	Wood household furniture, upholstered, n.s.k.....	(X)	40,062	(X)	43,463
2514- --	METAL HOUSEHOLD FURNITURE, TOTAL.....	(X)	507,728	(X)	483,993
25141 --	Metal household dining, dinette, and breakfast furniture, total.....	(X)	141,238	(X)	143,018
	Tubular metal, including chairs whether padded or plain:				
25141 11	Sets (table and 4 chairs) ²	2,294	115,130	2,225	104,626
25141 15	Tables (not sold with a set):				
	Quantity reported.....	152	3,979	333	8,652
	Quantity not reported.....	(X)	613	(X)	(X)
25141 17	Chairs (not sold with a set):				
	Quantity reported.....	1,409	8,686	2,340	14,226
	Quantity not reported.....	(X)	1,379	(X)	(X)
25141 98	Other nonupholstered metal dining, dinette, and breakfast furniture....	(X)	2,288	(X)	6,323
25141 00	Metal dining, dinette, and breakfast furniture, n.s.k.....	(X)	9,163	(X)	9,191
25142 --	Metal kitchen furniture, total.....	(X)	62,758	(X)	89,671
	Kitchen furniture, excluding breakfast furniture reported as "dining, dinette, and breakfast furniture":				
25142 11	Cabinets, such as base, top and base, wall, utility, etc.....	(X)	45,702	(X)	65,335
25142 51	Chairs and stools (include padded):				
	Quantity reported.....	1,855	9,093	1,794	10,973
	Quantity not reported.....	(X)	(X)	(X)	2,248
25142 71	Tables (include hostess carts).....	1,573	6,904	1,314	7,682
25142 00	Metal kitchen furniture, n.s.k.....	(X)	1,059	(X)	3,433

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2514--	METAL HOUSEHOLD FURNITURE, TOTAL—Continued				
25143--	Metal porch, lawn, and other outdoor furniture, total.....	(X)	101,257	(X)	91,399
25143 12	Tubular aluminum:				
25143 14	Chairs, rockers, benches, chaise lounges and settees.....	14,817	65,555	}	77,957
	Other tubular aluminum porch, lawn, and outdoor furniture, including gliders, swings, and hammocks.....	(X)	5,640		
25143 22	Cast and wrought iron:				
25143 24	Chairs, rockers, benches, chaise lounges and settees.....	514	9,475		
	Other cast and wrought iron porch, lawn, and outdoor furniture, including gliders, swings and hammocks.....	(X)	10,281	(X)	
25143 98	Other metal porch, lawn, and outdoor furniture.....	(X)	6,107	(X)	8,392
25143 00	Metal porch, lawn and other outdoor furniture, n.s.k.....	(X)	4,199	(X)	5,050
25144--	Other metal household furniture, total.....	(X)	184,014	(X)	140,499
25144 31	Folding cots and rollable cots, including army cots:				
	Quantity reported.....	837	6,843	458	5,402
	Quantity not reported.....	(X)	1,940	(X)	1,800
25144 35	Other metal beds.....	(NA)	1,128	(NA)	4,806
25144 30	Metal beds and cots (except hospital beds), n.s.k.....	(X)	(X)	(X)	2,912
25144 51	Upholstered living room and sunroom furniture.....	(X)	1,258	(X)	7,837
25144 59	Other upholstered metal household furniture.....	(X)	10,268	(X)	3,984
25144 71	Miscellaneous metal household furniture:				
25144 75	Card tables and chairs.....	(X)	26,034	(X)	23,231
	Medicine cabinets, including "wall type" and "insert type":				
	Quantity reported.....	4,102	33,071	2,418	20,733
	Quantity not reported.....	(X)	(X)	(X)	3,949
25144 91	Metal radio, phonograph, TV, and Hi-Fi cabinets:				
	Quantity reported.....	665	5,115	}	55,045
	Quantity not reported.....	(X)	1,364		
25144 93	Infants' and children's metal furniture (including high chairs and tables).....	2,996	25,990		
25144 95	Metal folding tray tables.....	8,530	17,199		
25144 37	Metal bed frames (complete metal bed frames, sold separately, with or without a headboard).....	4,519	23,127	}	
25144 98	Other metal household furniture.....	(X)	26,243		
25144 00	Other metal household furniture, n.s.k.....	(X)	4,434	(X)	10,800
25140 00	Metal household furniture, n.s.k.....	(X)	18,461	(X)	19,406
2515--	MATTRESSES AND BEDSPRINGS, TOTAL ³	(X)	608,674	(X)	569,294
25151--	Innerspring mattresses and spring cushions.....	(X)	234,147	(X)	214,316
25151 01	Spring cushions:				
	Quantity reported.....	4,207	6,846	1,461	4,114
	Quantity not reported.....	(X)	(X)	(X)	1,362
25151 11	Innerspring mattresses, including household, institutional, hotel, governmental, etc., sold with or without rubber pads; also includes those sold as part of hollywood beds:				
	For cribs:				
	Quantity reported.....	1,436	11,135	1,046	7,846
	Quantity not reported.....	(X)	(X)	(X)	2,569
25151 15	For other beds.....	8,251	198,634	8,176	184,282
25151 00	Innerspring mattresses, n.s.k.....	(X)	17,472	(X)	14,143
25152--	Other mattresses.....	(X)	50,195	(X)	36,738
25152 33	Foam core mattresses, including those sold as part of hollywood beds:				
25152 35	Foam latex core mattresses.....	442	18,430	}	424,094
	Foam core mattresses, other than rubber latex, including polyurethane	773	15,073		
25152 49	Other mattresses and pads for cribs, infants' baskets, and for other beds, including cotton, felt, hair, etc:				
	Quantity reported.....	2,069	7,698	(S)	9,644
	Quantity not reported.....	(X)	1,391	(X)	(X)
25152 00	Other mattresses and pads, n.s.k.....	(X)	7,783	(X)	3,000

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (1,000 units)	Value (\$1,000)	Quantity (1,000 units)	Value (\$1,000)
2515- --	MATTRESSES AND BEDSPRINGS, TOTAL ³ —Continued				
25153 --	Bedsprings.....	(X)	157,285	(X)	146,079
25153 11	Box springs.....	6,409	145,207	5,538	125,455
25153 31	Coil springs:				
	Quantity reported.....	166	1,692	356	4,477
	Quantity not reported.....	(X)	(X)	(X)	1,642
25153 51	Flat springs, including springs for bunk beds, but excluding crib springs:				
	Quantity reported.....	604	4,717	684	5,024
	Quantity not reported.....	(X)	(X)	(X)	818
25153 71	Hospital bedsprings, gatch, and other types.....	25	1,020	(NA)	53,918
25153 00	Bedsprings, n.s.k.....	(X)	4,649	(X)	4,745
25154 --	Convertible sofas.....	(X)	82,271	(X)	76,292
25154 21	Made from purchased mattresses:				
	Quantity reported.....	368	47,574	320	37,433
	Quantity not reported.....	(X)	(X)	(X)	5,593
25154 31	Made from mattresses produced at same location.....	246	30,815	269	30,737
25154 00	Convertible sofas, n.s.k.....	(X)	3,882	(X)	2,529
25155 --	Jackknife sofa beds and chair beds.....	(X)	38,783	(X)	54,327
25155 11	Jackknife sofa beds.....	723	36,374	1,026	51,813
25155 41	Chair beds:				
	Quantity reported.....	13	660	42	1,885
	Quantity not reported.....	(X)	155	(X)	629
25155 00	Jackknife sofa beds and chair beds, n.s.k.....	(X)	1,594	-	-
25156 11	Studio couches.....	322	17,579	344	17,317
25150 00	Mattresses and bedsprings, n.s.k.....	(X)	28,414	(X)	24,225
2519- --	HOUSEHOLD FURNITURE, N.E.C.....	(X)	46,867	(X)	35,337
25190 11	Plastic cabinets, radio, phonograph, TV, Hi-Fi, and combinations thereof:				
	Quantity reported.....	9,953	13,646	(NA)	6,641
	Quantity not reported.....	(X)	3,731	(X)	(X)
25190 32	Reed and rattan furniture (including willow, wicker, and cane).....	(X)	8,798	(X)	11,253
25190 98	Other household furniture, including plastic furniture.....	(X)	16,920	(X)	15,462
25190 00	Other household furniture n.e.c., n.s.k.....	(X)	3,772	(X)	1,981

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Does not meet publication standards.

¹Includes shipments for Alaska and Hawaii.

²Includes an indeterminable amount of sets with varying numbers of chairs.

³Estimates of monthly shipments of mattresses and bedsprings have been published since 1957 in Current Industrial Reports M25E, Mattresses and Bedsprings.

⁴In 1958 shipments of foam core mattresses made of other than rubber latex were not reported separately. It is believed, however, that such shipments were negligible.

⁵In 1958 this total erroneously includes an undeterminable amount of hospital bedsprings shipped as part of hospital beds, product code 25990 21.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
251-	Household furniture ¹.....1963..	136	108
	.....1958..	114	106
2511	Wood household furniture, except upholstered.....1963..	145	108
	.....1958..	106	111
25111	Radio, phonograph, and TV wood cabinets.....1963..	139	111
	.....1958..	95	116
25112	Other wood living room, library, sunroom, and hall furniture.....1963..	109	136
	.....1958..	85	123
25113	Wood dining room and kitchen furniture (except cabinets).....1963..	150	112
	.....1958..	95	111
25115	Wood bedroom furniture.....1963..	143	106
	.....1958..	111	105
25116	Infants' and children's wood furniture.....1963..	85	95
25117	.....1958..	90	99
	Wood outdoor furniture, and unpainted wood furniture.....1963..	118	98
	.....1958..	111	107
2512-	Upholstered wood household furniture.....1963..	144	110
	.....1958..	138	100
25121	Upholstered wood household furniture.....1963..	145	110
	.....1958..	136	100
2514-	Metal household furniture ².....1963..	127	94
	.....1958..	110	106
25141	Metal household dining, dinette, and breakfast furniture.....1963..	104	106
	.....1958..	113	100
25143	Metal porch, lawn, and other outdoor furniture.....1963..	221	84
	.....1958..	139	120
2515-	Mattresses and bedsprings ³.....1963..	114	103
	.....1958..	107	103
25151	Innerspring mattresses and spring cushions.....1963..	120	106
	.....1958..	114	102
25153	Bedsprings.....1963..	120	101
	.....1958..	109	101
25154	Convertible sofas.....1963..	80	135
	.....1958..	83	125
25155	Jackknife sofa beds and chair beds.....1963..	97	101
	.....1958..	142	99
25156	Studio couches.....1963..	89	103
	.....1958..	91	102

¹Includes products of industry 2519, Household Furniture, N.E.C.

²Includes Metal kitchen furniture (product class 25142) and Other metal household furniture (product class 25144).

³Includes Other mattresses (product class 25152).

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2511-	Wood furniture, not upholstered.....\$1,000..	1,759,283	1,603,441	1,421,804	1,450,887	1,492,690	1,304,830	1,112,656	892,276
25111	Radio, phonograph, and TV wood cabinets: Quantity.....1,000 units..	² 7,104	4,910	4,511	4,650	5,360	5,225	5,486	(NA)
	Value.....\$1,000..	² 158,378	121,764	107,997	106,796	120,371	114,011	102,824	102,267
25112	Other wood living room, library, sunroom and hall furniture.....do....	315,400	300,076	265,297	266,627	259,278	222,448	212,056	166,869
25113	Wood dining room and kitchen furniture.....do....	272,257	220,901	189,310	204,061	200,138	166,632	158,499	112,568
25114	Kitchen cabinets, wood.....do....	250,083	245,239	212,644	198,720	211,161	189,971	¹ 113,033	¹ 54,186
25115	Wood bedroom furniture.....do....	578,236	563,811	497,542	511,637	533,331	457,215	390,735	345,028
25116	Infants' and children's wood furniture.....do....	43,524	50,357	50,505	49,967	51,027	46,889	52,388	49,672
25117	Wood outdoor furniture; and unpainted wood furniture.....do....	51,224	66,519	57,917	55,498	55,567	52,908	44,507	25,479
25110	Wood household furniture, except upholstered, n.s.k.....do....	90,181	34,774	40,592	57,581	61,817	54,756	38,614	36,207
2512-	Wood furniture, upholstered.....do....	958,989	909,511	819,618	843,428	853,764	758,904	559,236	359,803
25121	Upholstered wood household furniture.....do....	865,526	817,176	739,268	751,278	770,145	678,964	507,969	331,283
25126	Furniture frames for household furniture.....do....	53,401	78,115	62,825	55,185	50,538	36,477	31,247	14,280
25120	Wood furniture, upholstered, n.s.k.....do....	40,062	14,220	17,525	36,965	33,081	43,463	20,020	14,240
2514-	Metal household furniture.....do....	507,728	490,811	472,994	506,289	532,686	478,993	416,172	218,223
25141	Metal household, dining, and breakfast furniture.....do....	141,238	127,733	125,972	136,130	152,389	138,018	127,028	59,837
25142	Metal kitchen furniture.....do....	62,758	55,506	60,856	72,800	88,269	89,671	114,813	85,615
25143	Metal porch, lawn, and outdoor furniture.....do....	101,257	108,471	97,812	113,687	117,157	91,399	54,940	17,699
25144	Other metal household furniture.....do....	184,014	179,746	171,345	166,870	158,760	140,499	106,927	55,072
25140	Metal household furniture, n.s.k.....do....	18,461	19,355	17,009	16,802	16,111	19,406	12,464	-
2515-	Mattresses and bedsprings.....do....	608,674	602,769	566,620	583,379	611,981	569,294	517,029	328,928
25151	Innerspring mattresses and spring cushions.....do....	234,147	⁴ 212,847	⁴ 199,111	⁴ 211,679	⁴ 217,394	214,316	182,545	141,573
25152	Other mattresses.....do....	50,195	⁴ 45,090	⁴ 44,113	⁴ 42,950	⁴ 40,086	36,738	58,423	35,830
25153	Bedsprings.....do....	157,285	⁴ 168,146	⁴ 156,519	⁴ 154,090	⁴ 162,908	146,079	⁵ 132,607	76,991
25154	Convertible sofas: Quantity.....number..	² 545,161	723,083	646,849	690,610	794,021	686,561	(NA)	⁶ 59,323
	Value.....\$1,000..	² 82,271	85,708	73,533	79,632	86,257	76,292	73,654	
25155	Jackknife sofa beds and chair beds: Quantity.....number..	² 770,782	907,735	875,469	856,104	1,067,103	1,074,024	(NA)	
	Value.....\$1,000..	² 38,783	38,697	38,479	41,011	55,112	54,327	38,645	
25156	Studio couches: Quantity.....number..	² 321,992	356,475	337,046	(NA)	(S)	344,000	(NA)	⁶ 59,323
	Value.....\$1,000..	² 17,579	23,745	23,200	21,509	(S)	17,317	18,749	
25150	Mattresses and bedsprings, n.s.k.....do....	28,414	28,536	31,665	32,508	(S)	24,225	12,406	15,211
25190	Household furniture, n.e.c.....do....	46,867	27,287	27,584	28,141	35,200	35,337	21,726	16,324

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Because some small producers reported values only for these product classes, estimates for quantities are included for these values as follows:

Product class	Percent of total value for which quantity was estimated
25111	2.2
25154	7.0
25155	9.0
25156	14.0

³Direct comparisons of 1954-1947 data are not possible since shipments reported for this product class in 1947 were restricted to assembled cabinets and other cabinets (not to be built-in). In 1947 shipments of unassembled cabinets and cabinets to be combined with other units to form a built-in unit were treated as products primary to the millwork industry, code 24314.

⁴Source: Current Industrial Reports, M25E, Mattresses and Bedsprings. These are estimates which are subject to sampling errors as shown in the reports for the individual years.

⁵Includes an estimated overstatement, for value of shipments of \$12 million resulting from the erroneous classification of bedspring components and industrial springs as bedsprings by a limited number of establishments.

⁶Includes value of shipments only, quantity totals are not available for 1947 for these product classes.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
RADIO, PHONOGRAPH, AND TELEVISION WOOD CABINETS (25111)			WOOD DINING ROOM AND KITCHEN FURNITURE (25113)—Continued			KITCHEN CABINETS, WOOD (25114)—Continued		
United States, total.....	158,378	114,011	Middle Atlantic.....	24,083	18,640	Pacific.....	46,152	39,151
Northeast.....	32,392	27,814	New York.....	12,288	8,562	Washington.....	8,599	8,709
New York.....	9,760	8,608	New Jersey.....	3,457	2,313	California.....	32,854	29,259
Pennsylvania.....	15,038	15,404	Pennsylvania.....	8,338	7,765			
North Central.....	90,066	(2)	East North Central.....	32,718	24,755	WOOD BEDROOM FURNITURE (25115)		
Indiana.....	47,709	31,912	Indiana.....	16,469	9,578	United States, total.....	578,236	457,215
Illinois.....	26,942	18,153	Michigan.....	9,902	7,488	New England.....	16,191	13,880
Michigan.....	10,344	4,341	Wisconsin.....	2,783	5,305	New Hampshire.....	3,506	2,003
South.....	32,883	25,223	West North Central.....	1,612	(Z)	Vermont.....	6,212	5,390
North Carolina.....	1,793	(2)	Missouri.....	1,589	(Z)	Massachusetts.....	5,205	5,527
Tennessee.....	14,232	(2)	South Atlantic.....	142,093	81,509	Middle Atlantic.....	37,096	41,816
Pacific.....	3,037	2,207	Virginia.....	36,795	18,743	New York.....	18,017	22,882
			North Carolina.....	96,935	58,182	New Jersey.....	6,687	4,750
			Florida.....	2,754	1,391	Pennsylvania.....	12,392	14,184
OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, AND HALL FURNITURE (25112)			East South Central.....	15,172	8,427	East North Central.....	38,847	36,926
United States, total.....	315,400	222,448	Kentucky.....	3,282	4,247	Ohio.....	3,103	2,895
New England.....	25,103	18,182	Tennessee.....	9,345	4,139	Indiana.....	16,317	12,360
Maine.....	1,506	1,070	West South Central.....	7,194	3,488	Illinois.....	4,103	9,193
New Hampshire.....	4,359	3,031	Arkansas.....	4,090	2,265	Michigan.....	9,556	7,258
Vermont.....	2,768	2,238	West.....	16,279	(2)	Wisconsin.....	5,768	5,220
Massachusetts.....	14,982	10,182	Oregon.....	2,761	(2)	West North Central.....	4,018	2,222
Middle Atlantic.....	34,322	28,348	California.....	11,621	(2)	South Atlantic.....	335,797	248,684
New York.....	23,964	21,051				Maryland.....	1,005	(Z)
New Jersey.....	2,847	2,376	KITCHEN CABINETS, WOOD (25114)			Virginia.....	136,761	92,723
Pennsylvania.....	7,511	4,921	United States, total.....	250,083	189,971	North Carolina.....	172,119	130,595
East North Central.....	74,329	71,514	New England.....	6,312	4,842	South Carolina.....	13,987	9,270
Ohio.....	16,144	14,631	New Hampshire.....	2,603	(2)	Georgia.....	3,526	3,403
Indiana.....	23,071	16,399	Massachusetts.....	1,820	2,754	Florida.....	8,399	5,637
Illinois.....	16,011	21,544	Middle Atlantic.....	59,506	45,705	East South Central.....	59,838	47,116
Michigan.....	14,764	17,219	New York.....	15,790	15,928	Kentucky.....	9,146	10,245
Wisconsin.....	4,339	1,721	New Jersey.....	10,841	6,993	Tennessee.....	32,989	23,532
West North Central.....	6,116	2,322	Pennsylvania.....	32,875	22,784	West South Central.....	44,316	33,298
Missouri.....	5,632	1,434	East North Central.....	56,836	37,847	Arkansas.....	31,007	24,533
South Atlantic.....	96,615	50,624	Ohio.....	5,182	3,281	Texas.....	7,850	4,505
Maryland.....	3,310	2,668	Indiana.....	40,902	18,246	West.....	42,133	(2)
Virginia.....	36,189	15,348	Illinois.....	3,147	7,854	California.....	33,618	25,006
North Carolina.....	39,952	19,321	Michigan.....	5,241	3,364	Hawaii.....	1,583	(Z)
Georgia.....	9,768	3,332	Wisconsin.....	2,364	5,102	WOOD OUTDOOR FURNITURE; AND UNPAINTED WOOD FURNITURE (25117)		
Florida.....	2,518	2,137	West North Central.....	10,259	10,155	United States, total.....	51,224	52,908
East South Central.....	27,715	19,462	Minnesota.....	3,673	3,139	New England.....	1,675	2,418
Kentucky.....	5,788	4,054	Iowa.....	4,598	4,870	Middle Atlantic.....	14,592	12,290
Tennessee.....	9,191	6,525	Missouri.....	1,464	(Z)	New York.....	7,626	6,373
Alabama.....	5,984	4,514	South Atlantic.....	40,764	30,753	New Jersey.....	1,513	(Z)
Mississippi.....	6,752	4,369	Maryland.....	4,216	2,592	Pennsylvania.....	5,453	5,002
West South Central.....	23,842	14,149	Virginia.....	1,623	1,684	East North Central.....	7,457	7,958
Arkansas.....	16,677	9,992	North Carolina.....	8,542	(2)	Indiana.....	3,244	2,434
Texas.....	4,526	2,317	Georgia.....	6,196	3,135	Illinois.....	2,243	2,018
West.....	27,358	(Z)	Florida.....	12,185	11,840	West North Central.....	1,268	1,091
Oregon.....	1,545	1,013	East South Central.....	16,044	11,723	South Atlantic.....	4,540	8,497
California.....	23,079	14,473	Tennessee.....	1,815	1,363	Georgia.....	1,913	1,114
WOOD DINING ROOM AND KITCHEN FURNITURE (25113)			Alabama.....	1,658	1,554	East South Central.....	1,273	1,927
United States, total.....	272,257	166,632	West South Central.....	8,570	5,946	West South Central.....	4,730	3,682
New England.....	33,106	19,103	Texas.....	6,169	4,949	Texas.....	2,584	2,521
Maine.....	2,086	(2)	Mountain.....	5,640	3,849	West.....	15,689	(2)
Vermont.....	11,621	6,299	Colorado.....	1,774	(Z)	California.....	9,066	6,965
Massachusetts.....	16,226	9,966	Arizona.....	1,958	2,535			
			Utah.....	1,199	(Z)			

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
UPHOLSTERED WOOD HOUSEHOLD FURNITURE (25121)			METAL HOUSEHOLD DINING AND BREAKFAST FURNITURE (25141)			OTHER METAL HOUSEHOLD FURNITURE (25144)—Continued		
United States, total.....	865,526	678,964	United States, total.....	141,238	143,018	East North Central.....	77,756	74,247
New England.....	36,320	37,064	New England.....	2,710	4,357	Ohio.....	19,762	15,073
New Hampshire.....	1,363	2,141	Middle Atlantic.....	13,461	24,483	Indiana.....	25,652	15,882
Massachusetts.....	28,683	28,510	New York.....	8,128	15,136	Illinois.....	24,411	26,624
Connecticut.....	5,893	5,489	New Jersey.....	1,363	1,105	West North Central.....	3,809	2,475
Middle Atlantic.....	96,189	99,826	Pennsylvania.....	3,970	8,242	Missouri.....	3,578	2,059
New York.....	51,666	61,250	North Central.....	39,862	55,010	South Atlantic.....	13,672	4,287
New Jersey.....	7,251	8,138	Illinois.....	25,699	34,646	Maryland.....	1,093	(Z)
Pennsylvania.....	37,272	30,438	Michigan.....	4,041	4,403	North Carolina.....	9,564	(Z)
East North Central.....	148,094	140,565	South Atlantic.....	30,594	15,990	East South Central.....	17,333	4,892
Ohio.....	26,147	28,422	Maryland.....	1,869	2,163	Kentucky.....	4,861	(2)
Indiana.....	38,556	34,023	North Carolina.....	7,447	(2)	West South Central.....	6,932	4,520
Illinois.....	43,859	44,724	Florida.....	1,501	(2)	Arkansas.....	2,780	(2)
Michigan.....	27,316	21,495	East South Central.....	21,138	14,469	Texas.....	2,265	(Z)
Wisconsin.....	12,216	11,901	West South Central.....	7,676	7,017	West.....	19,901	(2)
West North Central.....	29,430	27,276	Texas.....	7,676	6,332	California.....	19,688	(2)
Iowa.....	10,583	7,685	West.....	25,797	(2)	INNERSPRING MATTRESSES AND SPRING CUSHIONS (25151)		
Missouri.....	8,033	7,193				United States, total.....		234,147
Nebraska.....	5,267	5,540	METAL KITCHEN FURNITURE (25142)			New England.....		15,663
South Atlantic.....	258,712	159,596	United States, total.....	62,758	90,271	Massachusetts.....		10,118
Maryland.....	11,314	8,166	New England.....	1,819	1,341	Connecticut.....		4,323
Virginia.....	34,576	18,207	Middle Atlantic.....	17,884	28,696	Middle Atlantic.....		47,136
West Virginia.....	2,370	2,742	New York.....	8,380	11,564	New York.....		19,335
North Carolina.....	189,442	108,781	New Jersey.....	1,189	1,434	New Jersey.....		18,005
South Carolina.....	1,603	(Z)	Pennsylvania.....	8,315	15,698	Pennsylvania.....		9,796
Georgia.....	13,571	13,701	North Central.....	33,325	(2)	East North Central.....		55,203
Florida.....	5,836	7,243	Ohio.....	10,060	16,757	Ohio.....		22,419
East South Central.....	118,104	79,261	Indiana.....	9,670	16,624	Indiana.....		9,796
Kentucky.....	11,060	8,390	Illinois.....	12,979	15,003	Illinois.....		16,510
Tennessee.....	62,468	42,454	South.....	8,096	(2)	Michigan.....		5,769
Alabama.....	3,195	2,521	West.....	1,634	(2)	West North Central.....		17,943
Mississippi.....	41,381	25,896	METAL PORCH, LAWN, AND OUT-DOOR FURNITURE (25143)			Minnesota.....		4,370
West South Central.....	51,110	46,922	United States, total.....	101,257	91,399	Iowa.....		2,182
Arkansas.....	16,860	14,523	New England.....	6,309	6,665	Missouri.....		5,368
Texas.....	27,437	27,058	Middle Atlantic.....	32,028	35,049	Kansas.....		4,280
Mountain.....	8,798	6,384	New York.....	11,607	22,011	South Atlantic.....		25,481
Colorado.....	2,836	2,469	East North Central.....	10,987	16,869	Maryland.....		2,433
Arizona.....	2,171	(Z)	West North Central.....	7,512	4,458	Virginia.....		2,248
Utah.....	3,136	2,832	South Atlantic.....	22,400	16,778	West Virginia.....		1,152
Pacific.....	118,769	82,058	Florida.....	6,310	13,410	North Carolina.....		3,948
Oregon.....	8,000	6,507	East South Central.....	10,239	1,698	Georgia.....		8,557
California.....	105,529	70,193	West South Central.....	2,605	2,043	Florida.....		5,619
FURNITURE FRAMES FOR HOUSEHOLD FURNITURE (25126)			West.....	9,177	(2)	East South Central.....		14,443
United States, total.....		53,401	OTHER METAL HOUSEHOLD FURNITURE (25144)			Kentucky.....		1,657
New England.....		3,623	United States, total.....	184,014	140,499	Tennessee.....		9,836
Massachusetts.....		2,331	New England.....	6,993	6,567	Alabama.....		1,841
Middle Atlantic.....		14,184	Massachusetts.....	5,251	3,6017	Mississippi.....		1,109
New York.....		7,568	Middle Atlantic.....	37,618	32,272	West South Central.....		14,779
New Jersey.....		1,807	New York.....	10,380	12,266	Oklahoma.....		1,061
Pennsylvania.....		4,809	New Jersey.....	8,263	3,016	Texas.....		12,269
East North Central.....		8,733	Pennsylvania.....	18,975	16,990	Mountain.....		6,414
Indiana.....		2,000				Colorado.....		3,139
Illinois.....		1,982				Arizona.....		1,732
Michigan.....		1,923				Utah.....		1,164
West North Central.....		1,832				Pacific.....		37,085
South Atlantic.....		11,239				California.....		32,376
North Carolina.....		6,419				OTHER MATTRESSES (25152)		
East South Central.....		7,040				United States, total.....		50,195
Tennessee.....		2,176				New England.....		3,527
West South Central.....		2,303				Massachusetts.....		2,954
Texas.....		1,225						
West.....		4,447						
California.....		3,817						

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹		1963 ¹	1958		1963 ¹	1958
OTHER MATTRESSES (25152)—Continued		BEDSPRINGS (25153)—Continued			CONVERTIBLE SOFAS (25154)—Continued		
Middle Atlantic.....	8,721	West North Central.....	13,511	12,552	West North Central.....	6,485	6,839
New York.....	4,664	Minnesota.....	3,246	3,143	Minnesota.....	1,428	1,815
New Jersey.....	1,655	Missouri.....	5,299	5,289	Missouri.....	2,180	2,212
Pennsylvania.....	2,402	Nebraska.....	1,202	(Z)			
East North Central.....	7,967	South Atlantic.....	21,504	18,134	South Atlantic.....	9,104	8,907
Ohio.....	2,437	Maryland.....	1,819	2,251	North Carolina.....	3,057	1,940
Indiana.....	1,437	Virginia.....	1,565	(Z)	Georgia.....	3,356	3,520
Illinois.....	3,337	North Carolina.....	4,383	3,990			
West North Central.....	3,476	Georgia.....	6,676	5,686	East South Central.....	5,037	4,882
Missouri.....	1,921	Florida.....	5,065	4,163	Tennessee.....	4,058	4,072
South Atlantic.....	8,231	East South Central.....	6,828	5,557			
North Carolina.....	3,352	Tennessee.....	4,240	3,648	West South Central.....	7,995	5,892
Florida.....	2,675	Alabama.....	1,156	(Z)	Arkansas.....	2,301	(Z)
East South Central.....	2,311	West South Central.....	11,166	10,065	Texas.....	5,030	4,706
Tennessee.....	1,315	Texas.....	9,508	7,763			
West South Central.....	5,987	Mountain.....	3,636	3,541	West.....	17,667	15,804
Texas.....	4,572	Colorado.....	1,675	2,454	California.....	15,300	13,727
West.....	9,975	Arizona.....	1,155	(Z)			
California.....	7,904				JACKKNIFE SOFA BEDS AND CHAIR BEDS (25155)		
BEDSPRINGS (25153)		Pacific.....	23,185	17,179	United States, total....	38,783	54,327
United States, total.....	157,285	Washington.....	1,982	1,882	New England.....	3,189	4,373
New England.....	9,841	California.....	19,488	14,704	Massachusetts.....	2,454	3,540
Massachusetts.....	6,431				Middle Atlantic.....	3,571	5,176
Connecticut.....	3,235	CONVERTIBLE SOFAS (25154)			New Jersey.....	1,524	2,199
		United States, total.....	82,271	76,292	Pennsylvania.....	1,346	1,252
Middle Atlantic.....	31,616	New England.....	5,634	2,294	East North Central.....	5,771	8,905
New York.....	10,704	Middle Atlantic.....	16,687	18,413	Indiana.....	2,929	3,352
New Jersey.....	13,190	New York.....	5,390	7,690	West North Central.....	1,697	2,878
Pennsylvania.....	7,722	New Jersey.....	9,649	8,910	South Atlantic.....	7,347	9,416
East North Central.....	35,998	Pennsylvania.....	1,648	1,813	North Carolina.....	3,708	4,217
Ohio.....	14,053	East North Central.....	13,662	13,256	Georgia.....	1,979	3,400
Indiana.....	6,129	Ohio.....	3,116	3,171	East South Central.....	3,733	5,758
Illinois.....	11,327	Indiana.....	4,284	2,446	Tennessee.....	3,274	4,645
Michigan.....	3,184	Illinois.....	5,179	5,686	West South Central.....	7,562	7,350
Wisconsin.....	1,305				Arkansas.....	2,695	1,841
					Texas.....	4,806	(Z)
					West.....	5,913	(Z)
					Oregon.....	1,221	(Z)
					California.....	3,319	7,390

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 25111, Massachusetts, Connecticut, Wisconsin, Minnesota, Virginia, Mississippi, and California; 25112, Connecticut, West Virginia, South Carolina, Oklahoma, and Washington; 25113, New Hampshire, Connecticut, Ohio, Illinois, South Carolina, Georgia, Mississippi, Texas, and Washington; 25114, Connecticut, West Virginia, South Carolina, Kentucky, Mississippi, and Oregon; 25115, Minnesota, Missouri, Alabama, Mississippi, Louisiana, Oklahoma, and Oregon; 25117, Massachusetts, Iowa, Arkansas, Washington, and Oregon; 25121, Minnesota, Kansas, Louisiana, Oklahoma, and Washington; 25126, Ohio, Wisconsin, Virginia, Georgia, and Mississippi; 25141, Massachusetts, Ohio, Indiana, Virginia, Georgia, Kentucky, Tennessee, Mississippi, and California; 25142, Massachusetts, Virginia, Alabama, Mississippi, and California; 25143, Massachusetts, New Jersey, Pennsylvania, Ohio, Michigan, Wisconsin, Missouri, West Virginia, North Carolina, Georgia, Tennessee, Alabama, Arkansas, and California; 25144, Connecticut, Michigan, Wisconsin, South Carolina, Tennessee, and Louisiana; 25151, Nebraska and Oregon; 25153, Iowa and Kansas; 25154, Connecticut, Kansas, and Maryland.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

³For 1958, this value was erroneously published for the State of Maine.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
INDUSTRY 2511.—WOOD FURNITURE, NOT UPHOLSTERED						
	Materials, parts, containers, and supplies, total.....	1,000 bd. ft....	(X)	799,183	(X)	597,547
242101	Hardwood lumber, rough and dressed:					
	Quantity reported.....	...do.....	1,167,663	162,370	854,121	112,964
	Quantity not reported.....		(X)	(X)	(X)	11,108
242103	Softwood lumber, rough and dressed:					
	Quantity reported.....	1,000 bd. ft....	223,369	22,364	190,843	23,294
	Quantity not reported.....		(X)	2,875	(X)	3,302
243250	Hardwood veneer.....	1,000 sq.ft....	1,178,018	50,050	1,051,346	37,302
243211	Hardwood plywood other than container type:					
	Veneer core:					
	Quantity reported.....	...do.....	244,171	46,203	222,832	31,337
	Quantity not reported.....		(X)	(X)	(X)	4,682
243213	Lumber core, (including particle board core).....	1,000 sq. ft....	67,618	21,152	40,981	11,684
243203	Softwood plywood:					
	Quantity reported.....	...do.....	68,966	10,398	70,537	9,028
	Quantity not reported.....		(X)	1,361	(X)	1,593
249930	Particle board:					
	Quantity reported.....	1,000 sq. ft.				
		3/4" basis.....	95,473	9,759	49,505	5,477
	Quantity not reported.....		(X)	1,719	(X)	(X)
242622	Rough surfaced, or semifabricated hardwood furniture dimension and dimesion stock:					
	Quantity reported.....	1,000 bd. ft....	144,214	43,253	50,897	13,096
	Quantity not reported.....		(X)	4,895	(X)	3,596
251261	Furniture frames, wood.....		(X)	5,267	(X)	122,512
322150	Mirrors, framed and unframed:					
	Quantity reported.....	1,000 sq. ft....	17,240	11,735	}	
	Quantity not reported.....		(X)	2,320		
321101	Flat glass (plate and sheet):					
	Quantity reported.....	1,000 sq. ft....	5,824	2,266	}	(2)
	Quantity not reported.....		(X)	393		
285101	Paints, varnishes, lacquers, japans, and enamel:					
	Quantity reported.....	1,000 gals.....	21,341	41,548	}	(2)
	Quantity not reported.....		(X)	5,809		
342901	Furniture and builders hardware, including cabinet hardware					
	casters, gliders, handles, hinges, locks, etc.....		(X)	48,453	}	
307931	Plastic laminated sheets.....		(X)	17,967		
249960	Hard pressed wood fiber board.....	1,000 sq. ft.				
		1/8" basis.....	162,212	9,118		
331012	Mill shapes and forms (except castings):					
	Carbon steel:					
	Sheet and strip.....	Short tons.....	(S)	1,492	10,161	1,789
331019	All other carbon steel mill shapes and forms.....	...do.....	(S)	1,460	(NA)	879
331020	Alloy steel.....	...do.....	(S)	359	(NA)	271
331031	Stainless steel.....	...do.....	(S)	219	(NA)	143
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	138,230	(X)	210,122
976000	All other materials, components, parts, containers, and supplies, n.s.k.....		(X)	3136,148	(X)	393,368
INDUSTRY 2512.—WOOD FURNITURE, UPHOLSTERED						
	Materials, parts containers, and supplies, total.....		(X)	457,571	(X)	381,339
242101	Hardwood lumber rough and dressed.....	1,000 bd. ft....	335,687	35,379	281,056	28,526
242103	Softwood lumber, rough and dressed:					
	Quantity reported.....	...do.....	43,850	3,163	31,123	2,950
	Quantity not reported.....		(X)	573	(X)	(X)
242622	Rough, surfaced, or semifabricated hardwood furniture dimension and dimension stock.....	1,000 bd. ft....	40,756	8,102	21,545	5,079
251261	Furniture frames, wood.....		(X)	45,103	(1)	131,314

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2512.—WOOD FURNITURE, UPHOLSTERED—Continued			
306933	Form cores for mattresses (excluding topper pads):					
	Rubber.....	number.....	(S)	1,285	(NA)	14,108
307922	Other than rubber, including polyurethane.....	...do.....	(S)	1,961		
306931	Formed and slab stock for pillows, cushions, seating, etc.:					
	Rubber:					
	Quantity reported.....	1,000 lbs.....	27,066	15,740	(2)	(2)
	Quantity not reported.....		(X)	5,052		
307921	Other than rubber, including polyurethane:					
	Quantity reported.....	1,000 lbs.....	29,285	21,705	(X)	5,545
	Quantity not reported.....		(X)	5,545		
229308	Paddings and fillings, except rubber, and plastic foam.....	1,000 lbs.....	(S)	9,456	(X)	12,035
209131	Cotton linters (net weight):					
	Quantity reported.....	...do.....	46,888	7,217	59,758	8,720
	Quantity not reported.....		(X)	2,031	(X)	(X)
348138	Springs, innerspring units, and box spring constructions.....	Short tons.....	(S)	18,101	(X)	21,305
349901	Constructions for dual-purpose sleep furniture.....		(X)	4,507	(X)	3,171
285101	Paints, varnishes, lacquers, japans, and enamels:					
	Quantity reported.....	1,000 gal.....	1,352	2,523	(2)	(2)
	Quantity not reported.....		(X)	894		
342901	Furniture and builders hardware, including cabinet hardware, casters, slides, handles, hinges, locks, etc.....		(X)	9,280		
229508	Coated or laminated fabric (for upholstery):					
	Quantity reported.....	1,000 lin. yds..	7,068	10,466	1,831	3,053
	Quantity not reported.....		(X)	2,912	(X)	497
307931	Plastic laminated sheets.....		(X)	4,469	(2)	(2)
	Woven upholstery fabrics, (excluding ticking and muslin):					
221161	Cotton:					
	Quantity reported.....	1,000 lin. yds..	16,306	27,219	31,672	44,447
	Quantity not reported.....		(X)	6,962	(X)	3,454
222103	Other (rayon, nylon, etc.):					
	Quantity reported.....	1,000 lin. yds..	35,691	62,976	17,540	38,582
	Quantity not reported.....		(X)	17,532	(X)	7,582
970099	All other materials and components, containers, and supplies consumed, n.e.c.....		(X)	58,578	(X)	94,114
976000	All other materials and components, parts, containers, and supplies, n.s.k.....		(X)	368,840	(X)	362,402
			INDUSTRY 2514.—METAL HOUSEHOLD FURNITURE			
	Materials, parts, containers, and supplies, total.....		(X)	266,258	(X)	259,442
	Mill shapes and forms (except castings):					
	Carbon steel:					
	Sheet and strip:					
	Quantity reported.....	Short tons.....	234,975	37,657	208,974	34,368
	Quantity not reported.....		(X)	(X)	(X)	5,135
331019	All other carbon steel mill shapes and forms, including tubing.	Short tons.....	108,408	23,230	74,728	15,771
331020	Alloy steel (except stainless).....	...do.....	(S)	3,616	(NA)	2,977
331031	Stainless steel:					
	Quantity reported.....	...do.....	1,536	1,634	2,425	2,929
	Quantity not reported.....		(X)	(X)	(X)	920
	Aluminum and aluminum-base alloy mill shapes and forms:					
	Sheet, plate and foil:					
	Quantity reported.....	1,000 lbs.....	10,959	4,173	17,184	7,600
	Quantity not reported.....		(X)	723	(X)	(X)
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc..	1,000 lbs.....	31,833	11,240	36,193	15,495
335209	All other aluminum mill shapes and forms (wire, rolled, rod and bar, powder, welded, tubing, etc.).....	...do.....	32,869	14,792		

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2514.—METAL HOUSEHOLD FURNITURE—Continued			
	Mill shapes and forms (except castings)—Continued:					
348138	Springs, innerspring units, and box spring constructions.....	Short tons.....	(S)	1,452	2,562	1,307
285101	Paints, varnishes, lacquers, japans, and enamels:					
	Quantity reported.....	1,000 gal.....	1,391	4,447	} (2)	(2)
	Quantity not reported.....	.....	(X)	872		
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....	.....	(X)	10,091	(2)	(2)
307911	Unsupported plastic film and sheets, excluding packaging materials.	1,000 sq. yds...	(S)	3,857	11,626	6,920
307931	Plastic laminated sheets.....	.....	(X)	12,100	(2)	(2)
229508	Coated or laminated fabric for upholstery:					
	Quantity reported.....	1,000 lin. yds..	7,395	7,643	(NA)	3,324
	Quantity not reported.....	.....	(X)	1,412	(X)	(X)
249930	Particle board:					
	Quantity reported.....	1,000 sq. ft.				
	Quantity not reported.....	3/4" basis.....	26,486	4,454	16,374	1,946
		.....	(X)	2,101	(X)	(X)
265011	Paperboard boxes and containers, including folding, corrugated and set up boxes.....	.....	(X)	14,760	(2)	(2)
321101	Flat glass (plate and sheet):					
	Quantity reported.....	1,000 sq. ft....	4,669	2,767	} (2)	(2)
	Quantity not reported.....	.....	(X)	719		
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	74,422	(X)	127,686
976000	All other materials, components, parts, containers, and supplies, n.s.k.....	.....	(X)	328,096	(X)	333,064
			INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS			
	Materials, parts, containers, and supplies, total.....	.....	(X)	333,931	(X)	305,135
251261	Furniture frames, wood.....	.....	(X)	10,424	(X)	11,121
242622	Rough, surfaced or semifabricated hardwood furniture dimension and dimension stock.....	1,000 bd. ft....	(S)	3,058	1,188	266
331012	Carbon steel, including wrought iron mill shapes and forms:					
	Sheet and strip.....	Short tons.....	38,536	7,007	(NA)	1,791
331019	All other carbon steel mill shapes and forms, including tubing...	...do.....	31,363	6,057	35,798	6,945
331020	Alloy steel and stainless steel mill shapes and forms.....	...do.....	(S)	394	(NA)	4728
331031						
348138	Springs, innerspring units and box spring constructions:					
	Quantity reported.....	...do.....	136,278	48,604	112,904	40,081
	Quantity not reported.....	.....	(X)	10,159	(X)	13,360
349901	Constructions for dual-purpose sleep furniture.....	.....	(X)	6,466	(X)	4,862
221161	Woven upholstery fabrics, excluding ticking and muslin:					
	Cotton:					
	Quantity reported.....	1,000 lin. yds..	6,601	8,891	(NA)	10,304
	Quantity not reported.....	.....	(X)	1,970	(X)	(X)
222103	Other (rayon, nylon, etc.):					
	Quantity reported.....	1,000 lin. yds..	4,773	7,375	5,531	7,547
	Quantity not reported.....	.....	(X)	(X)	(X)	1,770
221141	Ticking (mattress):					
	Quantity reported.....	1,000 lin. yds..	78,975	40,004	77,477	41,679
	Quantity not reported.....	.....	(X)	6,171	(X)	(X)
209131	Cotton lintens (net weight):					
	Quantity reported.....	1,000 lbs.....	212,787	16,100	229,387	17,586
	Quantity not reported.....	.....	(X)	2,173	(X)	(X)
229308	Paddings and fillings, except rubber and plastic foam:					
	Quantity reported.....	1,000 lbs.....	88,808	14,284	103,138	15,697
	Quantity not reported.....	.....	(X)	3,727	(X)	(X)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2515.—MATTRESSES AND BEDSPRINGS—Continued			
306933	Foam cores for mattresses, excluding topper pads: Rubber:					
	Quantity reported.....	No. of units....	360,302	8,947	592,452	15,796
	Quantity not reported.....	.....	(X)	1,682	(X)	(X)
307922	Other than rubber, including polyurethane:					
	Quantity reported.....	No. of units....	807,272	7,655	(2)	(2)
	Quantity not reported.....	.....	(X)	1,471		
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	67,231	(X)	84,454
970000	All other materials and components, parts, containers, and supplies, n.s.k.....	.....	(X)	354,081	(X)	331,148

Note: For 1958 data for Alaska and Hawaii are not included.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards.

¹Includes furniture parts as well as furniture frames.

²In 1958, these materials were included with "All other materials and components, parts, containers, and supplies consumed," (material code 970099).

³Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

⁴In 1958, stainless steel mill shapes and forms were included with "All other materials," code 970099.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Wood furniture, not upholstered (SIC 2511)	Wood furniture, upholstered (SIC 2512)	Metal household furniture (SIC 2514)	Mattresses and bedsprings (SIC 2515)	Household furniture, n.e.c. (SIC 2519)
Total cost of purchased fuels and electric energy.....\$1,000..	15,609	5,639	4,609	4,047	395
Total cost of purchased fuels.....do....	4,777	2,275	1,987	1,704	116
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	267	38	22	8	(S)
Cost.....\$1,000..	2,061	343	160	85	(S)
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	(S)	-	-
Cost.....\$1,000..	-	-	(S)	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	217	47	107	(S)	(S)
Cost.....\$1,000..	935	590	449	(S)	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	1,279	700	1,276	1,118	(S)
Cost.....\$1,000..	617	391	844	659	(S)
Other fuels.....do....	1,164	951	533	655	(S)
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	704	191	157	137	(S)
Cost.....\$1,000..	10,832	3,364	2,622	2,343	(S)
Generated less sold.....million kw.-hrs..	55	(S)	(S)	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	577	133	94	81	-
Prime movers, total.....do....	84	6	6	10	-
Driving generators.....do....	54	4	2	(Z)	-
Not driving generators.....do....	30	2	4	10	-
Electric motors, total.....do....	513	128	89	71	-
Driven by purchased energy.....do....	493	127	89	71	-
Driven by energy generated at establishment.....do....	20	(Z)	1	(Z)	-
Aggregate horsepower per 100 production workers.....	481	231	386	339	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2511-	WOOD FURNITURE, NOT UPHOLSTERED										
	Entire industry.....	3,063	140,982	574,614	124,699	259,292	462,689	993,200	872,796	1,857,992	40,409
	Establishments with—										
	90% or more specialization..	2,804	114,423	463,009	101,462	210,597	375,790	816,915	719,764	1,531,060	32,852
	75-89% specialization.....	86	15,651	63,908	13,662	28,842	49,216	98,773	87,513	185,162	4,200
25111	Radio, phonograph and television wood cabinets (primary product class of estab.).....	99	16,512	67,839	14,714	30,957	55,598	95,574	76,712	172,094	4,798
	Establishments with—										
	90% or more specialization....	83	10,336	42,641	9,384	19,933	35,557	58,945	54,405	113,524	3,182
25112	Other wood living room, library, sunroom, and hall furniture (primary product class of estab.)....	526	23,564	94,377	20,924	43,472	77,245	172,234	129,623	300,479	6,262
	Establishments with—										
	90% or more specialization...	384	13,675	53,005	11,919	24,587	41,968	97,096	84,111	180,375	3,359
	75-89% specialization.....	29	2,077	7,714	1,878	3,965	6,373	11,466	8,233	19,643	167
25113	Wood dining room and kitchen furniture (primary product class of estab.).....	161	19,078	77,313	17,012	35,429	61,896	135,205	112,391	246,661	6,703
	Establishments with—										
	90% or more specialization....	75	6,412	25,194	5,784	12,115	20,601	44,657	44,967	89,459	2,987
	75-89% specialization.....	14	1,317	4,921	1,219	2,518	4,011	8,262	5,090	13,318	222
25114	Kitchen cabinets, wood (primary product class of estab.).....	807	16,701	82,097	13,993	28,377	62,822	135,661	122,413	257,296	4,920
	Establishments with—										
	90% or more specialization....	664	13,742	66,643	11,558	23,269	51,326	112,095	100,185	211,748	(D)
	75-89% specialization.....	51	1,164	5,507	943	1,990	4,068	8,774	9,016	17,634	(D)
25115	Wood bedroom furniture (primary product class of estab.).....	315	50,250	199,719	45,148	95,837	162,101	362,797	340,019	698,618	12,597
	Establishments with—										
	90% or more specialization....	159	18,329	69,685	16,707	36,037	58,179	132,377	143,125	275,563	4,158
	75-89% specialization.....	45	9,297	37,285	8,209	17,423	29,258	63,046	62,785	124,817	2,393
25116	Infants' and children's wood furniture (primary product class of estab.).....	56	2,994	11,137	2,593	5,056	8,447	17,301	20,776	37,985	520
	Establishments with—										
	90% or more specialization....	45	1,907	6,844	1,671	3,273	5,407	11,598	13,601	25,086	406
25117	Wood outdoor furniture; and unpainted wood furniture (primary product class of estab.).....	147	3,784	13,301	3,374	6,182	10,894	23,137	27,942	50,658	558
	Establishments with—										
	90% or more specialization....	119	2,418	8,888	2,115	3,894	7,203	16,584	20,334	36,394	377
	75-89% specialization.....	8	342	1,186	319	606	1,074	1,667	1,523	3,191	49
2512-	WOOD HOUSEHOLD FURNITURE, UPHOLSTERED										
	Entire Industry.....	1,785	67,850	291,587	57,852	113,238	225,565	506,727	478,895	983,204	13,653
	Establishments with—										
	90% or more specialization..	1,559	50,505	213,793	43,243	84,837	166,818	367,911	358,582	724,729	9,870
	75-89% specialization.....	82	8,342	39,435	7,052	13,501	30,062	69,902	63,599	133,422	1,133
25121	Upholstered wood household furniture (primary product class of estab.).....	1,094	59,321	259,183	50,347	98,456	198,768	456,250	437,997	892,437	11,666
	Establishments with—										
	90% or more specialization....	894	41,996	180,858	35,757	70,082	139,465	314,990	314,813	628,675	7,482
	75-89% specialization.....	76	8,430	40,318	7,131	13,664	30,684	72,646	65,103	137,703	1,456
25126	Furniture frames for household furniture (primary product class of estab.).....	305	4,999	19,719	4,459	8,889	16,469	28,915	22,027	50,486	959
	Establishments with—										
	90% or more specialization....	281	4,356	17,422	3,868	7,691	14,499	25,850	19,573	45,041	841
	75-89% specialization.....	13	250	944	226	467	809	1,205	972	2,157	45

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2514-	METAL HOUSEHOLD FURNITURE										
	Entire industry.....	517	29,346	128,819	24,322	47,908	91,987	247,003	280,697	524,305	6,840
	Establishments with—										
	90% or more specialization..	420	19,431	80,748	16,467	32,274	58,934	160,951	189,109	347,458	3,912
	75-89% specialization.....	28	3,143	14,263	2,573	5,141	10,402	25,514	28,141	53,720	526
25141	Metal household dining and breakfast furniture (primary product class of estab.).....	138	7,740	34,808	6,314	13,002	24,337	64,978	82,274	146,392	1,086
	Establishments with—										
	90% or more specialization....	106	5,693	24,041	4,682	9,584	16,821	46,155	62,543	107,850	891
	75-89% specialization.....	17	1,201	6,045	967	1,989	4,448	11,211	11,679	22,848	85
25142	Metal kitchen furniture (primary product class of estab.).....	53	2,723	13,225	2,252	4,554	9,518	22,958	23,755	46,896	520
	Establishments with—										
	90% or more specialization....	38	1,629	8,084	1,378	2,816	5,864	14,559	14,918	29,605	342
	75-89% specialization.....	5	480	1,843	408	815	1,497	3,585	3,965	7,539	127
25143	Metal porch, lawn and outdoor furniture (primary product class of estab.).....	70	6,733	25,125	5,977	11,373	19,404	47,982	57,571	106,467	1,827
	Establishments with—										
	90% or more specialization....	43	3,853	13,601	3,484	6,160	10,728	26,195	30,752	57,305	864
	75-89% specialization.....	9	883	2,342	838	1,738	2,001	4,566	7,890	12,571	112
25144	Other metal household furniture (primary product class of estab.)	122	10,632	50,185	8,549	16,579	34,647	101,178	106,175	203,918	2,905
	Establishments with—										
	90% or more specialization....	72	3,393	14,440	2,800	5,704	10,471	33,632	36,515	69,951	768
	75-89% specialization.....	9	264	1,025	224	348	660	2,350	2,519	4,852	102
2515-	MATTRESSES AND BEDSPRINGS										
	Entire industry.....	1,120	30,061	146,287	22,993	45,765	94,589	285,510	357,997	641,008	7,310
	Establishments with—										
	90% or more specialization..	958	19,486	96,628	14,835	29,164	62,852	200,462	251,489	450,689	5,597
	75-89% specialization.....	61	3,479	17,044	2,689	5,233	10,167	29,334	39,236	68,544	505
25151	Innerspring mattresses and spring cushions (primary product class of estab.).....	598	20,644	105,520	15,434	30,861	67,021	207,362	250,672	455,555	5,541
	Establishments with—										
	90% or more specialization....	148	935	4,359	729	1,420	2,841	9,221	11,807	20,989	281
	75-89% specialization.....	52	411	1,634	323	627	1,122	3,441	4,982	8,417	124
25152	Other mattresses (primary product class of estab.).....	89	1,098	5,000	895	1,705	3,373	10,631	20,325	30,946	291
	Establishments with—										
	90% or more specialization....	37	241	1,147	193	400	845	1,860	3,154	4,969	72
25153	Bedspings (primary product class of estab.).....	70	2,529	12,127	1,875	3,770	7,293	22,832	30,247	52,931	493
	Establishments with—										
	90% or more specialization....	20	205	956	167	318	686	1,870	2,198	4,026	64
25154	Convertible sofas (primary product class of estab.).....	49	1,463	6,683	1,147	2,288	4,400	12,058	16,170	28,210	160
	Establishments with—										
	90% or more specialization....	20	410	1,862	347	701	1,355	3,327	4,825	8,164	38
25155	Jackknife sofa beds and chair beds (primary product class of estab.)	43	1,556	6,318	1,361	2,740	4,826	12,139	15,404	27,562	143
	Establishments with—										
	90% or more specialization....	6	112	258	93	166	216	408	648	1,060	3
25156	Studio couches (primary product class of estab.).....	24	935	3,782	759	1,465	2,529	7,148	8,892	16,157	251
	Establishments with—										
	90% or more specialization....	6	101	351	89	160	279	630	1,241	1,867	113
2519-	HOUSEHOLD FURNITURE, N.E.C.										
	Entire industry.....	75	2,054	8,384	1,742	3,398	5,859	15,054	13,843	28,937	630
	Establishments with—										
	90% or more specialization..	61	1,543	6,189	1,342	2,722	4,438	9,884	9,260	19,269	483

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

OFFICE, PUBLIC BUILDING, OFFICE AND STORE FIXTURES, AND MISCELLANEOUS FURNITURE

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2521—Wood Office Furniture
- 2522—Metal Office Furniture
- 2531—Public Building and Related Furniture
- 2541—Wood Partitions, Shelving, Lockers, and Office and Store Fixtures
- 2542—Metal Partitions, Shelving, Lockers, and Office and Store Fixtures
- 2591—Venetian Blinds and Shades
- 2599—Furniture and Fixtures, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2521—WOOD OFFICE FURNITURE

This industry comprises establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered or plain. For a detailed list of products of industry 2521, refer to table 6A, product codes 2521010 to 2521090.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Wood Office Furniture Industry totaled \$102 million. This amount included shipments of wood office furniture (primary products) valued at \$87 million, shipments of other products (secondary products) valued at \$10 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$4 million.

This industry's shipments of wood office furniture represented 90 percent of its total product shipments. The industry specialization ratio in 1958 was 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of public building and related furniture (\$4 million).

Shipments of wood office furniture by this industry represented 87 percent of all shipments of these products (\$100 million) by all industries. In 1958 the coverage ratio was 82

percent. Other industries shipping wood office furniture consisted mainly of industry 2512, Wood Furniture, Upholstered, \$6 million and industry 2541, Wood Partitions and Fixtures, \$2 million.

The production index for the primary products of the industry increased to 146 in 1963 from the 1958 level of 109. The unit value index for 1963 was 108 compared to 104 in 1958. Both indexes were computed on a basis of 1954 = 100.

2522—METAL OFFICE FURNITURE

This industry comprises establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3492, Safes and Vaults. For a detailed list of primary products of industry 2522, refer to table 6A, product codes 2522110 to 2522499.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Metal Office Furniture Industry totaled \$390 million. This amount included shipments of metal office furniture (primary products) valued at \$318 million, shipments of other products (secondary products) valued at \$47 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$25 million.

This industry's shipments of metal office furniture represented 87 percent of its total product shipments. The industry specialization ratio in 1958 was 88 percent. Secondary products shipped by this industry in 1963 consisted mainly of metal partitions and fixtures (\$14 million) and furniture and fixtures, n.e.c. (\$6 million).

Shipments of metal office furniture by this industry represented 89 percent of all shipments of these products (\$358 million) by all industries. In 1958 the coverage ratio was 86 percent. Other industries shipping metal office furniture consisted mainly of industry 2542, Metal Partitions and Fixtures, \$12 million; and industry 3492, Safes and Vaults, between \$10 and \$15 million.

2531—PUBLIC BUILDING AND RELATED FURNITURE

This industry comprises establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in industry 3281, Cut Stone and Stone Products; and concrete furniture in industry 3272, Other Concrete Products. For a detailed list of products of industry 2531, refer to table 6A, product codes 2531112 to 2531298.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Public Building Furniture Industry totaled \$269 million. This amount included shipments of public building and related furniture (primary products) valued at \$224 million, shipments of other products (secondary products) valued at \$31 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$14 million.

This industry's shipments of public building furniture represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 88 percent. Secondary products shipped by this industry in 1963 consisted mainly of wood partitions and fixtures (\$7 million) and furniture and fixtures, n.e.c. (\$3 million).

Shipments of public building furniture by this industry represented 85 percent of all shipments of these products (\$263 million) by all industries. In 1958 the coverage ratio was 80 percent. Other industries shipping public building furniture consisted mainly of industry 2514, Metal Household Furniture, \$5 million; industry 2521, Wood Office Furniture, \$4 million; and industry 2541, Wood Partitions and Fixtures, \$4 million.

2541—WOOD PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES

This industry comprises establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, and prefabricated partitions, and related fabricated products. For a detailed list of products of industry 2541, refer to table 6A, product codes 2541011 to 2541098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Wood Partitions and Fixtures Industry totaled \$390 million. This amount included shipments of wood partitions and fixtures (primary products) valued at \$343 million, shipments of other products (secondary products) valued at \$23 million, and miscellaneous receipts (resales of products manufactured by others) at \$23 million.

This industry's shipments of wood partitions, shelving, etc., represented 94 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of metal partitions and fixtures (\$5 million) and furniture and fixtures, n.e.c. (\$2 million).

Shipments of wood partitions, shelving, lockers, and office and store fixtures by this industry represented 89 percent of all shipments of these products (\$385 million) by all industries. Other industries shipping wood partitions and fixtures consisted mainly of industry 2542, Metal Partitions and Fixtures, \$8 million; industry 2511, Wood Furniture, Not Upholstered, \$5 million; and industry 2531, Public Building Furniture, \$7 million.

2542—METAL PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES

This industry comprises establishments primarily engaged in manufacturing metal shelving, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. For a detailed list of products of industry 2542, refer to table 6A, product codes 2542013 to 2542098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Metal Partitions and Fixtures Industry totaled \$378 million. This amount included shipments of metal partitions and fixtures (primary products) valued at \$300 million, shipments of other products (secondary products) valued at \$62 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$16 million.

This industry's shipments of metal partitions and fixtures represented 83 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of metal office furniture (\$12 million) and wood partitions and fixtures (\$8 million).

Shipments of metal partitions and fixtures by this industry represented 82 percent of all shipments of these products (\$368 million) by all industries. Other industries shipping metal partitions and fixtures consisted mainly of industry 2522, Metal Office Furniture, \$14 million; and industry 3585, Refrigeration Machinery, \$7 million.

2591—VENETIAN BLINDS AND SHADES

This industry comprises establishments primarily engaged in manufacturing venetian blinds, regardless of the materials used, and shades except canvas shades and awnings, which are classified in industry 2394. For a detailed list of products of industry 2591, refer to table 6A, product codes 2591112 to 2591281.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Venetian Blinds and Shades Industry totaled \$200 million. This amount included shipments of venetian blinds and shades (primary products) valued at \$153 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts (mainly resales of products manufactured by others) at \$28 million.

This industry's shipments of venetian blinds and shades represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of other sheet metal work (\$5 million).

Shipments of venetian blinds and shades by this industry represented 90 percent of all shipments of these products (\$171 million) by all industries. In 1958 the coverage ratio was 94 percent. Other industries shipping venetian blinds and shades consisted mainly of industry 2295, Coated Fabric, Not Rubberized, between \$5 and \$10 million; and industry 3316, Cold Finishing of Steel Shapes, \$2 million.

2599—FURNITURE AND FIXTURES, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing furniture and fixtures, n.e.c., including furniture especially designed for use in restaurants. For a detailed list of products of industry 2599, refer to table 6A, product codes 2599021 to 2599098.

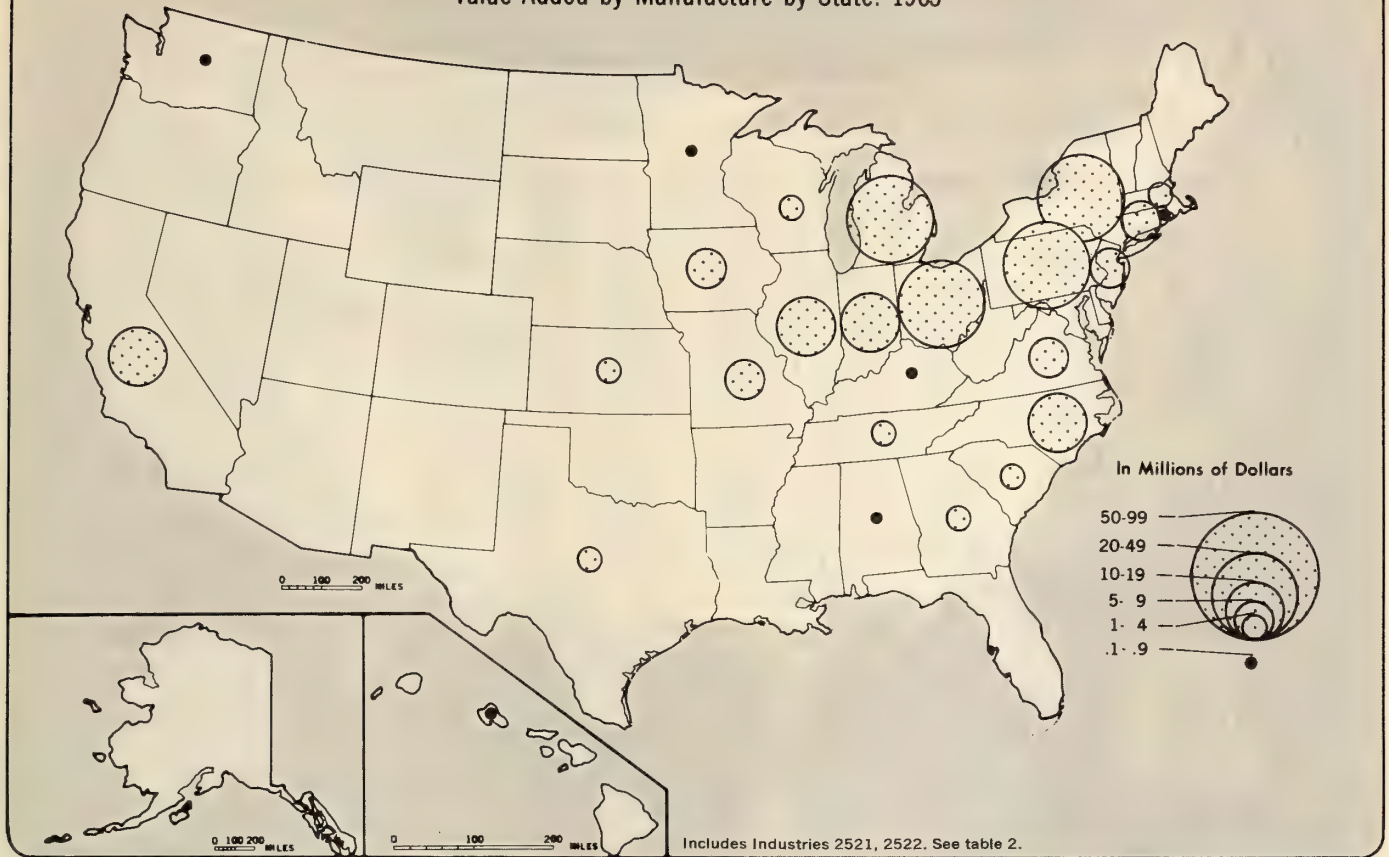
The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Furniture and Fixtures, N.E.C., Industry totaled \$122 million. This amount included shipments of furniture and fixtures, n.e.c. (primary products) valued at \$97 million, shipments of other products (secondary products) valued at \$16 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$8 million.

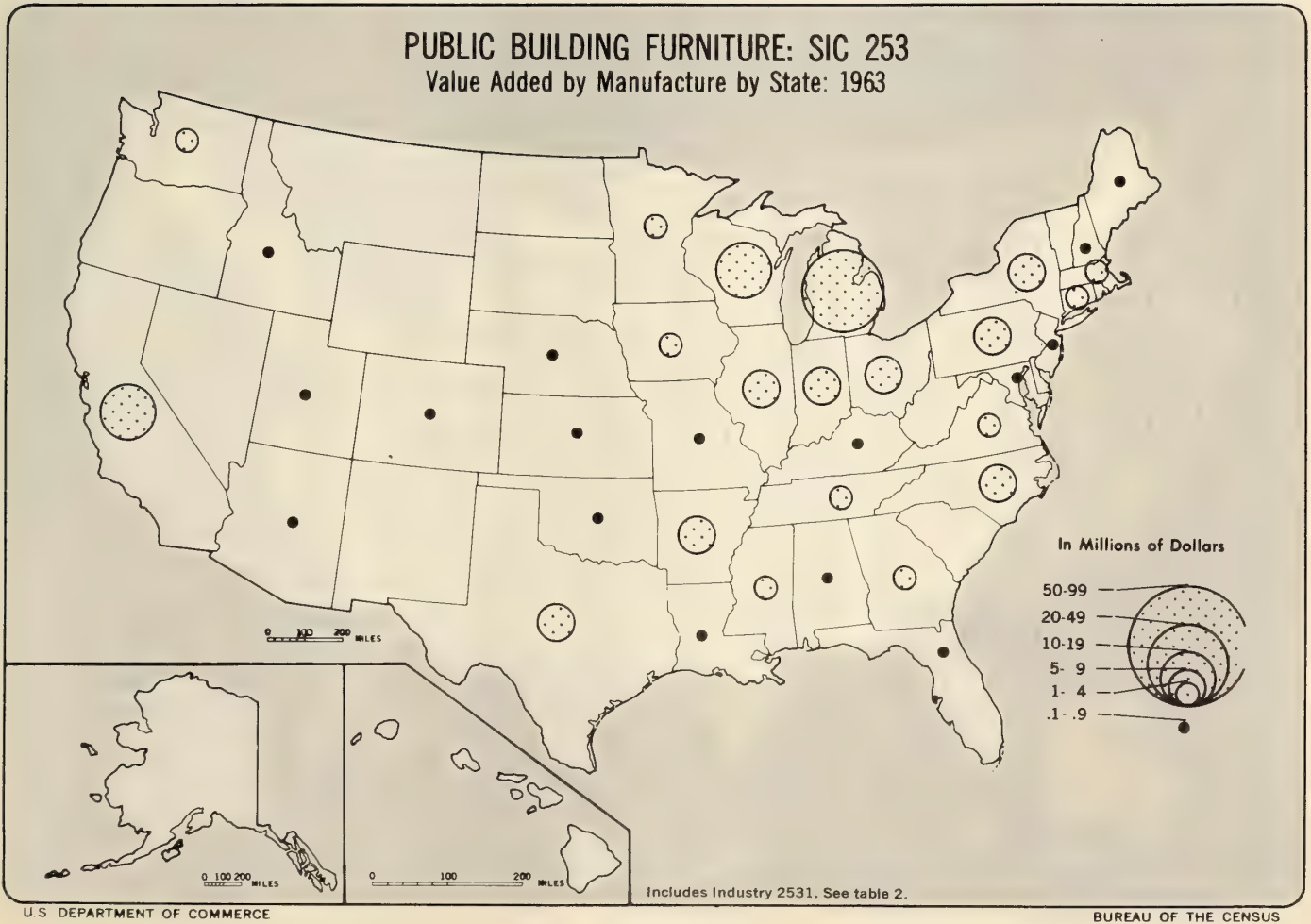
This industry's shipments of furniture and fixtures, n.e.c., represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 71 percent. Secondary products shipped by this industry in 1963 consisted mainly of metal partitions and fixtures.

Shipments of furniture and fixtures, n.e.c., by this industry represented 70 percent of all shipments of these products (\$138 million) by all industries. In 1958 the coverage ratio was 74 percent. Other industries shipping furniture and fixtures, n.e.c. (primary products) consisted mainly of industry 2515, Mattresses and Bedsprings, \$6 million, and industry 2514, Metal Household Furniture, and industry 2511, Wood Furniture, Not Upholstered, between \$2 million and \$5 million.

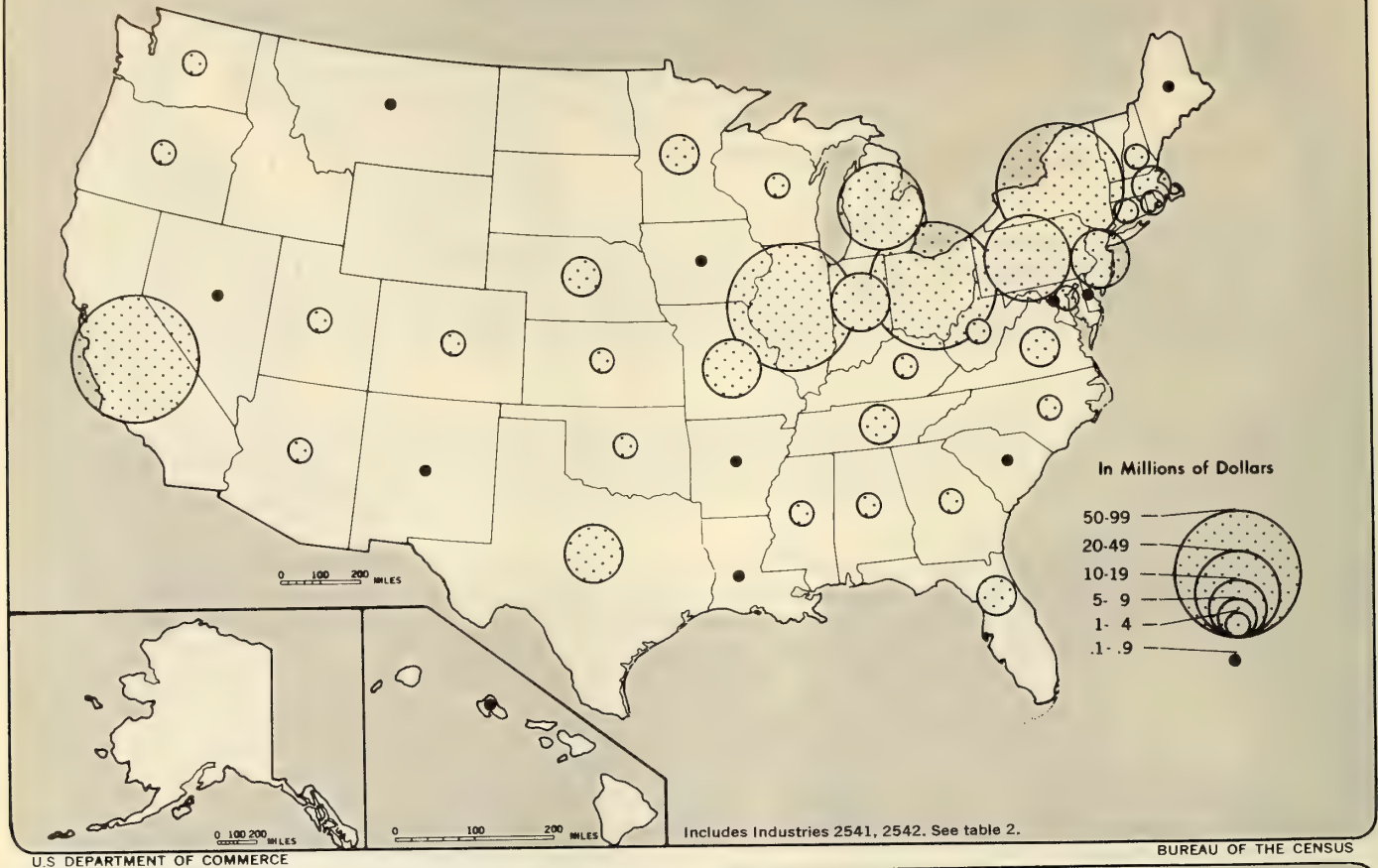
OFFICE FURNITURE: SIC 252 Value Added by Manufacture by State: 1963



PUBLIC BUILDING FURNITURE: SIC 253 Value Added by Manufacture by State: 1963



PARTITIONS AND FIXTURES: SIC 254 Value Added by Manufacture by State: 1963



FURNITURE AND FIXTURES: N.E.C.: SIC 259 Value Added by Manufacture by State: 1963

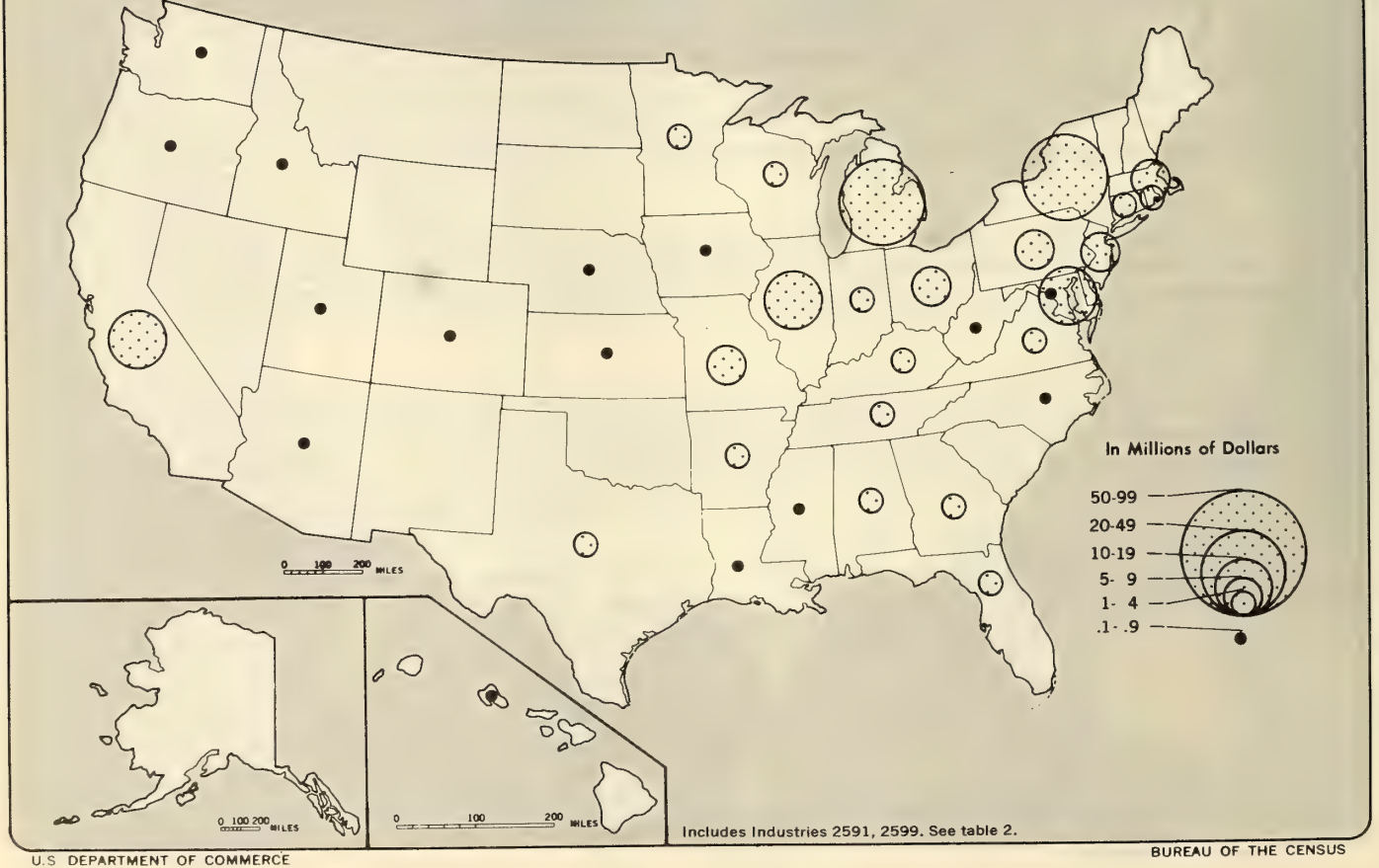


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2521.—WOOD OFFICE FURNITURE														
1963.....	131	138	58	6,516	30,560	5,622	11,815	23,666	57,018	45,254	101,514	1,511	90	87
1962 ¹	(NA)	(NA)	(NA)	6,302	29,641	5,423	11,591	22,952	48,626	37,587	85,184	3,216	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	5,927	27,113	5,028	10,643	20,536	45,253	35,717	80,532	1,711	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	6,059	26,546	5,157	10,858	20,410	43,541	35,363	78,193	595	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	6,144	25,986	5,306	10,880	20,226	43,175	33,733	76,184	895	(NA)	(NA)
1958.....	147	150	56	5,821	23,516	4,957	10,007	17,627	38,427	29,550	68,392	840	89	82
1957 ¹	(NA)	(NA)	(NA)	5,739	21,754	4,924	10,083	16,725	35,411	26,324	61,479	779	90	87
1956 ¹	(NA)	(NA)	(NA)	6,076	23,861	5,257	11,518	18,764	38,758	31,151	68,714	1,099	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	5,871	21,209	5,119	10,851	16,639	32,108	26,914	59,464	(S)	(NA)	(NA)
1954.....	111	112	50	5,509	18,788	4,773	9,681	14,605	29,059	25,409	54,358	615	86	86
1953 ¹	(NA)	(NA)	(NA)	4,542	15,670	3,989	(NA)	12,104	22,040	17,929	39,969	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	4,858	17,673	4,261	(NA)	13,928	27,491	22,380	49,871	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	5,504	19,505	4,937	(NA)	15,892	32,208	27,732	59,940	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	4,904	15,639	4,241	(NA)	12,522	21,499	21,080	42,579	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	4,748	13,847	4,152	(NA)	10,526	19,902	15,622	35,524	(NA)	(NA)	(NA)
1947.....	114	114	(NA)	6,458	16,805	5,759	(NA)	13,782	25,863	21,620	47,483	(NA)	92	80
1939.....	(NA)	64	(NA)	(NA)	(NA)	4,013	(NA)	3,603	7,327	5,949	13,276	(NA)	(NA)	(NA)
INDUSTRY 2522.—METAL OFFICE FURNITURE														
1963.....	153	170	107	19,928	112,080	15,752	31,531	81,427	228,329	160,091	389,965	14,199	87	89
1962 ¹	(NA)	(NA)	(NA)	18,799	101,588	15,020	29,129	74,546	216,775	152,833	362,060	10,684	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	17,432	92,022	13,759	27,449	67,199	199,289	130,142	329,254	6,208	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	18,511	97,295	14,873	29,686	71,832	208,988	137,574	343,424	9,775	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,727	92,038	14,230	28,029	67,249	200,848	122,240	322,742	5,551	(NA)	(NA)
1958.....	142	151	88	17,469	85,996	13,857	26,911	62,746	173,673	109,699	286,004	5,253	89	82
1957 ¹	(NA)	(NA)	(NA)	19,954	96,662	16,350	31,907	72,061	212,667	108,463	315,753	(S)	90	89
1956 ¹	(NA)	(NA)	(NA)	20,540	98,350	17,008	36,265	79,090	213,628	117,700	322,020	6,416	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	18,033	80,453	14,910	30,939	62,059	167,230	96,607	256,095	(S)	(NA)	(NA)
1954.....	122	129	77	16,143	66,038	13,397	26,765	51,535	128,139	83,236	211,546	4,734	84	87
1953 ¹	(NA)	(NA)	(NA)	18,223	75,945	14,757	(NA)	58,191	135,610	79,895	215,505	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	18,625	75,792	15,561	(NA)	58,202	155,489	83,418	238,907	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	16,999	64,602	13,776	(NA)	48,747	132,601	82,898	215,499	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	14,609	50,297	11,518	(NA)	36,275	95,500	56,923	152,423	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	13,155	45,102	10,908	(NA)	33,788	83,794	48,757	132,551	(NA)	(NA)	(NA)
1947.....	100	102	(NA)	14,289	41,417	11,768	(NA)	32,106	78,685	46,997	125,682	(NA)	89	92
1939.....	(NA)	63	(NA)	(NA)	(NA)	7,152	(NA)	9,341	23,076	15,407	38,483	(NA)	(NA)	(NA)
INDUSTRY 2531.—PUBLIC BUILDING FURNITURE														
1963.....	424	429	164	16,949	83,373	13,257	26,817	57,435	141,756	127,915	268,563	4,369	88	85
1962 ¹	(NA)	(NA)	(NA)	17,877	84,681	14,423	29,499	58,346	149,190	133,768	284,387	4,455	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	17,233	83,404	14,171	28,394	56,360	133,994	134,069	267,613	6,365	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	17,507	78,044	13,666	27,144	53,834	125,194	116,436	239,035	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	16,275	69,739	12,671	26,219	49,539	102,154	115,840	215,148	(S)	(NA)	(NA)
1958.....	384	390	147	15,952	69,342	12,620	25,759	48,401	112,881	97,962	208,406	4,941	88	86
1957 ¹	(NA)	(NA)	(NA)	14,927	63,184	12,849	25,034	44,503	109,627	88,629	193,043	14,820	87	83
1956 ¹	(NA)	(NA)	(NA)	14,492	60,092	12,686	25,032	43,527	100,789	83,867	181,524	7,775	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	14,467	56,708	11,953	24,493	41,745	97,559	77,110	169,088	3,292	(NA)	(NA)
1954.....	291	292	119	14,044	52,638	11,556	24,120	38,905	90,168	75,356	163,772	3,781	83	86
1953 ¹	(NA)	(NA)	(NA)	12,678	44,417	10,543	(NA)	34,931	76,251	62,296	138,547	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	9,302	28,601	7,626	(NA)	21,396	44,601	38,825	83,426	(NA)	(NA)	(NA)
1947.....	(NA)	120	(NA)	10,213	28,629	8,542	(NA)	21,562	44,614	31,378	75,992	(NA)	(NA)	(NA)
1939.....	(NA)	106	(NA)	7,062	9,058	5,900	(NA)	6,568	15,241	11,438	26,679	(NA)	(NA)	(NA)
1937.....	(NA)	79	(NA)	(NA)	(NA)	6,450	(NA)	7,451	16,488	12,542	29,030	(NA)	(NA)	(NA)
INDUSTRIES 2541 and 2542.—WOOD PARTITIONS AND FIXTURES, AND METAL PARTITIONS AND FIXTURES														
1963 ²	(NA)	2,107	514	44,633	261,822	34,372	71,710	185,452	433,495	338,241	767,452	15,286	88	86
1962 ¹	(NA)	(NA)	(NA)	41,681	235,372	31,780	68,579	162,805	388,669	303,825	687,243	17,253	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	39,261	212,454	29,810	63,601	145,364	350,308	268,434	615,276	13,981	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	39,464	208,186	30,723	65,412	144,873	346,605	271,782	616,147	8,848	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	37,819	196,483	29,755	60,742	135,701	312,579	262,605	575,074	10,550	(NA)	(NA)
1958.....	1,831	1,848	426	37,747	186,636	29,134	57,331	130,117	301,250	240,106	538,872	13,644	91	86
1957 ¹	(NA)	(NA)	(NA)	34,993	158,576	27,474	54,593	108,070	277,670	194,542	473,942	9,437	90	82
1956 ¹	(NA)	(NA)	(NA)	35,460	160,131	28,372	57,737	112,974	284,188	207,770	485,349	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	35,608	153,017	28,873	58,372	110,052	263,198	197,223	450,899	(S)	(NA)	(NA)
1954.....	1,621	1,626	358	33,137	142,515	26,584	53,101	102,071	236,246	182,243	416,586	7,031	88	87
1953 ¹	(NA)	(NA)	(NA)	34,692	148,190	28,321	(NA)	109,301	239,398	170,043	409,441	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	25,801	105,216	20,771	(NA)	77,559	172,294	114,562	286,851	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	27,235	106,377	22,514	(NA)	80,071	169,244	127,132	296,376	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	27,214	96,181	22,289	(NA)	72,095	147,904	116,748	264,652	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	26,643	90,214	21,913	(NA)	68,096	150,352	111,198	261,550	(NA)	(NA)	(NA)
1947.....	1,130	1,135	(NA)	27,816	89,115	23,888	(NA)	70,180	137,814	108,050	245,864	(NA)	88	89
1939.....	(NA)	767	(NA)	(NA)	(NA)	14,911	(NA)	19,036	43,857	33,087	76,944	(NA)	(NA)	(NA)
1937.....	(NA)	580	(NA)	(NA)	(NA)	15,237	(NA)	19,875	42,218	32,567	74,785	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
	INDUSTRY 2591.—VENETIAN BLINDS AND SHADES													
1963.....	695	718	60	10,689	49,590	7,980	15,781	32,511	94,324	105,147	199,552	4,282	89	90
1962 ¹	(NA)	(NA)	(NA)	11,304	49,228	8,149	16,748	31,804	98,132	111,514	211,200	3,643	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	11,241	47,955	8,259	16,631	30,010	93,112	109,871	201,698	3,125	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	12,341	51,291	9,038	17,345	31,974	96,353	113,178	209,161	2,298	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	11,884	48,241	8,944	16,968	31,318	95,660	118,038	212,515	1,882	(NA)	(NA)
1958.....	822	850	85	11,309	44,020	8,306	15,543	28,749	84,856	104,389	189,618	3,336	93	94
1957 ¹	(NA)	(NA)	(NA)	14,404	49,327	10,381	20,048	31,220	109,672	103,333	212,958	(NA)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	15,088	50,833	11,240	21,851	32,999	106,582	116,884	216,087	(NA)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1954.....	(NA)	1,112	121	13,784	42,834	10,694	20,758	28,713	80,918	115,140	196,479	2,697	(NA)	(NA)
1953 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1947.....	(NA)	773	(NA)	15,446	34,958	12,911	(NA)	25,638	62,706	77,857	140,563	(NA)	(NA)	(NA)
1939.....	(NA)	553	(NA)	(NA)	(NA)	8,661	(NA)	8,488	24,511	29,502	54,013	(NA)	(NA)	(NA)
1937.....	(NA)	389	(NA)	(NA)	(NA)	6,394	(NA)	6,165	16,909	21,414	38,323	(NA)	(NA)	(NA)
	INDUSTRY 2599.—FURNITURE AND FIXTURES, N.E.C.													
1963.....	354	356	91	7,540	39,591	6,171	12,443	28,809	65,871	55,303	121,572	1,691	86	70
1962 ¹	(NA)	(NA)	(NA)	7,106	37,120	5,882	12,821	27,142	63,162	50,452	113,143	(1,051)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	6,496	31,627	5,282	10,833	23,032	53,766	45,350	98,528	879	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	7,248	35,448	5,613	11,589	25,706	58,740	45,997	107,058	(1,246)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	7,728	37,534	6,161	12,701	27,724	61,328	53,775	115,770	1,702	(NA)	(NA)
1958 (new SIC)	258	259	77	7,990	37,450	6,483	12,697	27,692	60,189	50,575	110,360	2,691	71	74
1958 (old SIC) ³	(NA)	84	29	2,823	12,892	2,386	4,789	9,568	22,335	17,661	39,359	2,112	(NA)	(NA)
1954.....	(NA)	52	11	810	2,969	703	1,373	2,240	(NA)	5,194	11,205	134	(NA)	(NA)
1947.....	(NA)	30	(NA)	858	2,427	794	(NA)	2,053	4,168	2,249	6,417	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Data for Alaska and Hawaii included for 1959 through 1963.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. Figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Due to reportability and classification problems associated with the identification of partitions and fixtures as to wood or metal in 1958, general statistics are not available separately for industry 2541 and industry 2542 for the years prior to 1963. Totals for these industries have been combined and shown as industry 254 for these years. See table 2 for separate 1963 data for these industries.

³A revision in the definition of this industry was introduced in the 1957 SIC. Figures for 1957 and earlier years are on the old SIC definition of the industry. The details of these revisions are described in Volume II, Industry Statistics, 1958 Census of Manufactures.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	INDUSTRY 2521.—WOOD OFFICE FURNITURE												
Total.....	138	58	6,516	30,560	5,622	11,815	23,666	57,018	45,254	101,514	1,511	5,821	38,427
New England.....	6	3	261	1,131	212	417	814	1,519	1,702	3,325	17	146	912
Middle Atlantic....	46	16	1,895	9,404	1,657	3,370	7,536	17,187	13,781	30,898	393	1,728	11,776
New York.....	32	11	1,132	6,410	951	1,979	4,959	10,119	7,471	17,530	272	1,199	9,628
North Central.....	26	17	2,288	11,245	1,934	4,156	8,548	20,254	14,946	34,817	412	2,399	16,133
Indiana.....	10	10	1,139	5,251	985	2,230	4,324	9,325	7,517	16,555	236	1,039	6,703
Michigan.....	6	3	533	2,807	447	952	2,147	5,011	2,856	7,881	111	486	3,329
South.....	29	16	1,740	6,822	1,544	3,325	5,281	14,573	12,340	26,484	628	1,341	7,914
North Carolina...	8	7	1,387	5,440	1,238	2,693	4,187	12,094	10,029	21,695	561	1,052	6,388
West.....	31	6	332	1,958	275	547	1,487	3,485	2,485	5,990	61	207	1,692
	INDUSTRY 2522.—METAL OFFICE FURNITURE												
Total.....	170	107	19,928	112,080	15,752	31,531	81,427	228,329	160,091	389,965	14,199	17,469	173,673
New England.....	8	3	926	4,990	507	960	2,292	11,220	5,701	17,188	106	595	4,284
Middle Atlantic....	57	40	7,117	37,557	5,794	11,714	28,003	65,332	49,209	116,619	2,836	6,374	59,577
New York.....	36	23	3,668	18,869	2,974	5,952	14,049	36,126	21,837	59,228	1,104	3,186	32,355
North Central.....	53	36	9,160	56,803	7,369	14,854	42,609	123,638	84,912	207,735	5,512	9,201	97,110
Ohio.....	12	10	3,379	21,353	2,822	5,453	16,483	43,218	26,990	70,715	992	4,046	38,360
Indiana.....	5	3	602	2,810	437	889	2,129	7,335	4,265	11,292	161	530	4,919
Michigan.....	8	5	2,126	14,233	1,813	3,741	11,416	36,296	18,067	54,366	530	2,144	29,256
South.....	20	12	1,547	7,063	1,144	2,248	4,492	18,381	10,403	28,608	5,473	845	8,347
West.....	32	16	1,178	5,667	938	1,755	4,031	9,758	9,866	19,815	272	454	4,355
	INDUSTRY 2531.—PUBLIC BUILDING FURNITURE												
Total.....	429	164	16,949	83,373	13,257	26,817	57,435	141,756	127,915	268,563	4,369	15,952	112,881
New England.....	19	9	674	3,566	499	1,014	2,309	5,096	4,639	9,669	218	822	5,337
New Hampshire....	3	3	127	602	98	207	399	963	731	1,670	14	(²)	(²)
Connecticut.....	5	3	289	1,761	202	399	1,046	2,255	1,706	3,938	145	429	3,350
Middle Atlantic....	61	16	1,552	8,101	1,237	2,499	5,831	12,899	12,552	26,164	328	1,813	14,300
New York.....	26	6	591	3,207	479	970	2,365	5,605	4,601	11,018	123	917	9,202
Pennsylvania.....	29	10	916	4,683	720	1,450	3,298	6,968	7,616	14,482	191	(²)	(²)
East North Central.	125	52	6,853	37,930	5,162	10,437	24,978	67,864	54,848	121,526	1,828	5,213	45,960
Ohio.....	30	10	772	3,914	602	1,141	2,827	5,893	4,671	10,396	312	(²)	(²)
Indiana.....	16	5	551	2,740	452	961	1,930	5,655	4,982	10,688	150	462	4,000
Illinois.....	29	13	972	5,020	810	1,710	3,816	9,624	7,898	17,319	196	(²)	(²)
Michigan.....	27	12	3,037	18,187	2,102	4,173	11,178	32,436	26,708	58,312	713	2,607	26,834
Wisconsin.....	23	12	1,521	8,069	1,196	2,452	5,227	14,256	10,589	24,811	457	705	4,322
West North Central.	26	12	622	3,211	460	940	2,254	5,847	4,479	10,295	149	849	6,569
Minnesota.....	8	4	241	1,295	177	332	967	2,141	1,546	3,709	43	129	956
Iowa.....	5	4	184	952	133	301	645	1,997	1,703	3,664	71	162	1,727
Kansas.....	5	2	110	447	82	167	276	855	761	1,576	22	(²)	(²)
South Atlantic....	55	23	2,303	8,589	1,955	4,092	6,436	12,965	11,986	25,196	377	(²)	(²)
Virginia.....	12	7	458	1,493	380	751	1,099	2,018	2,293	4,220	88	(²)	(²)
North Carolina...	20	9	1,445	5,497	1,244	2,665	4,154	8,644	7,737	16,852	219	1,785	8,200
Georgia.....	8	3	200	635	180	373	542	1,050	1,075	2,093	39	248	1,044
East South Central.	28	11	694	2,200	605	1,258	1,814	4,181	4,279	8,408	230	(²)	(²)
Tennessee.....	12	6	360	1,177	306	611	926	2,332	2,744	5,176	137	270	1,165
Mississippi.....	6	2	198	650	179	389	568	1,275	884	2,048	32	(²)	(²)
West South Central.	43	22	2,525	10,032	2,015	3,952	7,074	15,468	20,809	36,318	855	(²)	(²)
Arkansas.....	13	8	863	3,423	633	1,319	2,184	5,886	7,645	13,727	301	572	3,337
Texas.....	25	11	1,558	6,210	1,294	2,468	4,566	9,026	12,688	21,552	548	1,467	9,172
West.....	72	19	1,726	9,744	1,324	2,625	6,739	17,436	14,323	30,987	384	2,217	14,946
California.....	53	12	1,238	7,076	946	1,879	4,855	13,508	10,625	23,280	254	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
GROUP 254.—PARTITIONS AND FIXTURES ³													
Total.....	2,107	514	44,633	261,822	34,372	71,710	185,452	433,495	338,241	767,452	15,286	37,747	301,250
New England.....	116	30	2,677	14,391	2,108	4,513	10,270	20,558	15,405	36,165	629	1,652	11,559
Massachusetts....	63	15	1,190	6,188	963	2,067	4,323	9,291	7,053	16,330	273	797	5,583
Middle Atlantic....	567	148	11,658	71,186	9,465	20,590	53,373	113,536	93,418	205,447	2,894	10,566	83,326
New York.....	361	93	6,807	41,897	5,556	12,113	31,097	64,545	50,784	114,799	1,512	7,033	55,392
New Jersey.....	83	19	1,151	6,687	936	1,918	4,986	11,036	10,268	21,227	366	935	6,888
Pennsylvania.....	123	36	3,700	22,602	2,973	6,559	17,290	37,955	32,366	69,421	1,016	2,598	21,046
East North Central.	440	119	14,055	81,877	10,427	21,209	55,562	149,509	112,339	260,568	6,579	12,800	112,500
Ohio.....	102	29	4,648	28,285	3,562	6,981	19,676	53,685	36,090	90,594	2,442	5,260	46,599
Indiana.....	39	8	1,274	6,825	977	2,029	4,956	12,381	10,859	22,668	600	787	6,149
Illinois.....	156	54	5,221	30,285	3,729	7,696	20,161	54,910	44,062	98,404	2,711	3,758	36,431
Michigan.....	96	23	2,359	13,873	1,702	3,542	8,723	24,340	17,330	40,767	687	2,259	19,318
Wisconsin.....	47	5	553	2,609	457	961	2,046	4,193	3,998	8,135	139	736	4,003
West North Central.	106	34	2,957	17,272	2,241	4,480	11,685	25,857	17,976	43,617	1,002	2,301	15,357
Missouri.....	47	19	1,290	8,117	983	1,911	5,395	10,510	7,081	17,787	322	1,037	7,262
Kansas.....	10	1	149	838	93	196	493	1,474	1,210	2,667	48	388	2,783
South Atlantic.....	205	43	3,540	18,651	2,503	5,396	11,401	26,828	24,281	51,324	1,102	3,402	22,408
Delaware.....	6	1	102	389	97	169	371	683	742	1,474	6	(2)	(2)
Maryland.....	23	5	232	1,504	174	362	922	2,402	1,348	3,727	(D)	370	2,475
West Virginia....	7	3	184	961	135	306	611	1,757	1,833	3,579	36	119	687
Georgia.....	37	2	361	1,676	274	580	1,172	2,511	2,734	5,479	119	284	2,118
Florida.....	75	13	879	4,563	659	1,382	3,205	6,668	5,954	12,644	244	743	4,344
East South Central.	73	22	1,428	5,986	1,169	2,472	4,496	13,254	12,736	25,782	537	731	4,556
Tennessee.....	32	10	657	2,851	531	1,114	2,083	6,259	6,381	12,437	321	304	1,859
Alabama.....	22	5	262	1,136	218	475	871	2,031	1,897	3,950	84	135	692
West South Central.	130	20	1,743	8,914	1,416	2,906	6,689	15,151	11,194	25,961	558	1,658	11,606
Oklahoma.....	21	3	221	1,167	171	325	919	2,394	1,688	3,984	85	149	898
Texas.....	89	16	1,350	7,147	1,120	2,365	5,344	11,718	8,698	20,157	443	1,370	9,890
Mountain.....	66	14	726	4,356	580	1,190	3,323	6,392	5,142	11,532	200	482	3,849
Colorado.....	17	5	218	1,507	178	361	1,127	2,149	1,427	3,566	89	192	1,801
Arizona.....	17	4	186	1,103	157	318	902	1,675	1,076	2,755	31	165	1,138
Utah.....	14	2	172	992	131	292	732	1,289	1,441	2,732	20	(2)	(2)
Pacific.....	404	84	5,849	39,189	4,463	8,954	28,653	62,410	45,750	107,056	1,785	4,155	36,089
Oregon.....	21	2	152	952	123	243	768	1,508	835	2,352	68	240	1,885
California.....	342	77	5,347	35,993	4,058	8,118	26,207	57,845	42,082	98,757	1,621	3,690	32,402
INDUSTRY 2541.—WOOD PARTITIONS AND FIXTURES ³													
Total.....	1,594	347	24,343	142,521	19,446	40,037	106,292	219,194	172,517	389,609	6,766	(NA)	(NA)
New England.....	95	26	2,218	11,663	1,757	3,694	8,427	16,784	12,424	29,455	516	(NA)	(NA)
Massachusetts....	47	11	769	3,852	643	1,336	2,833	5,765	4,328	10,125	171	(NA)	(NA)
Rhode Island.....	11	5	365	1,596	306	662	1,110	3,021	2,239	5,365	58	(NA)	(NA)
Connecticut.....	23	5	519	2,982	366	764	2,039	3,519	2,465	5,995	100	(NA)	(NA)
Middle Atlantic....	381	85	5,828	35,558	4,856	10,124	27,895	54,615	44,305	98,321	1,183	(NA)	(NA)
New York.....	232	53	3,600	22,888	3,002	6,263	18,006	34,500	27,885	61,997	673	(NA)	(NA)
New Jersey.....	62	12	681	3,647	548	1,101	2,732	6,118	5,292	11,404	219	(NA)	(NA)
Pennsylvania.....	87	20	1,547	9,023	1,306	2,760	7,157	13,997	11,128	24,920	291	(NA)	(NA)
East North Central.	313	68	4,877	28,795	3,860	8,016	21,032	46,410	38,374	83,847	1,879	(NA)	(NA)
Ohio.....	78	17	1,095	7,079	885	1,844	5,206	10,029	7,269	17,060	187	(NA)	(NA)
Indiana.....	28	3	320	1,575	257	488	1,148	2,655	2,774	5,455	172	(NA)	(NA)
Illinois.....	105	30	1,861	11,689	1,417	3,003	8,642	18,956	17,260	36,131	1,044	(NA)	(NA)
Michigan.....	66	15	1,130	6,319	906	1,862	4,333	11,451	7,888	18,800	363	(NA)	(NA)
Wisconsin.....	36	3	471	2,133	395	819	1,703	3,319	3,183	6,401	113	(NA)	(NA)
West North Central.	85	27	2,095	11,901	1,632	3,215	8,423	16,250	12,205	28,703	495	(NA)	(NA)
Minnesota.....	24	8	405	2,117	348	700	1,790	3,090	2,408	5,536	151	(NA)	(NA)
Missouri.....	34	15	1,035	6,535	805	1,538	4,570	7,993	5,860	14,097	241	(NA)	(NA)
Nebraska.....	6	2	412	1,966	311	627	1,247	2,960	2,142	5,093	23	(NA)	(NA)
Kansas.....	10	1	149	838	93	196	493	1,474	1,210	2,667	48	(NA)	(NA)
South Atlantic.....	169	36	2,236	11,879	1,733	3,809	8,182	16,399	16,239	32,550	894	(NA)	(NA)
Maryland.....	16	5	195	1,290	152	310	799	2,077	1,143	3,194	168	(NA)	(NA)
Virginia.....	15	6	281	1,767	201	446	996	2,053	2,312	4,349	61	(NA)	(NA)
North Carolina....	21	9	494	2,401	422	1,076	1,875	2,972	3,676	6,310	347	(NA)	(NA)
Georgia.....	31	2	318	1,529	239	495	1,049	2,206	2,535	4,989	84	(NA)	(NA)
Florida.....	63	12	773	4,091	589	1,225	2,886	5,823	5,231	11,063	212	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	INDUSTRY 2541.—WOOD PARTITIONS AND FIXTURES ³ —Continued												
East South Central.	49	11	702	2,873	563	1,151	2,163	5,301	5,180	10,399	165	(NA)	(NA)
Tennessee.....	24	7	410	1,672	332	665	1,262	2,991	3,100	6,048	79	(NA)	(NA)
West South Central.	104	15	1,322	6,759	1,086	2,139	5,123	11,846	8,660	20,257	315	(NA)	(NA)
Louisiana.....	14	1	125	409	92	154	305	672	529	1,192	15	(NA)	(NA)
Texas.....	68	12	991	5,295	839	1,698	4,010	8,932	6,620	15,415	224	(NA)	(NA)
Mountain.....	56	12	657	3,851	527	1,060	2,937	5,686	4,621	10,293	173	(NA)	(NA)
Pacific.....	342	67	4,408	29,242	3,432	6,829	22,110	45,903	30,509	75,784	1,146	(NA)	(NA)
Washington.....	28	3	255	1,730	205	421	1,255	2,294	2,206	4,576	60	(NA)	(NA)
California.....	289	61	3,980	26,526	3,085	6,121	20,045	42,244	27,457	69,006	1,055	(NA)	(NA)
	INDUSTRY 2542.—METAL PARTITIONS AND FIXTURES ³												
Total.....	513	167	20,290	119,301	14,926	31,673	79,160	214,301	165,724	377,843	8,520	(NA)	(NA)
New England.....	21	4	459	2,728	351	819	1,843	3,774	2,981	6,710	113	(NA)	(NA)
Massachusetts....	16	4	421	2,336	320	731	1,490	3,526	2,725	6,205	102	(NA)	(NA)
Middle Atlantic....	186	63	5,830	35,628	4,609	10,466	25,478	58,921	49,113	107,126	1,711	(NA)	(NA)
New York.....	129	40	3,207	19,009	2,554	5,850	13,091	30,045	22,899	52,802	839	(NA)	(NA)
New Jersey.....	21	7	470	3,040	388	817	2,254	4,918	4,976	9,823	147	(NA)	(NA)
Pennsylvania.....	36	16	2,153	13,579	1,667	3,799	10,133	23,958	21,238	44,501	725	(NA)	(NA)
East North Central.	127	51	9,178	53,082	6,567	13,193	34,530	103,099	73,965	176,721	4,700	(NA)	(NA)
Ohio.....	24	12	3,553	21,206	2,677	5,137	14,470	43,656	28,821	73,534	2,255	(NA)	(NA)
Indiana.....	11	5	954	5,250	720	1,541	3,808	9,726	8,085	17,213	428	(NA)	(NA)
Illinois.....	51	24	3,360	18,596	2,312	4,693	11,519	35,954	26,802	62,273	1,667	(NA)	(NA)
Michigan.....	30	8	1,229	7,554	796	1,680	4,390	12,889	9,442	21,967	324	(NA)	(NA)
West North Central.	21	7	862	5,371	609	1,265	3,262	9,607	5,771	14,914	507	(NA)	(NA)
Missouri.....	13	4	255	1,582	178	373	825	2,517	1,221	3,690	81	(NA)	(NA)
South Atlantic.....	36	7	1,304	6,772	770	1,587	3,219	10,429	8,042	18,774	208	(NA)	(NA)
Florida.....	12	1	106	472	70	157	319	845	723	1,581	32	(NA)	(NA)
East South Central.	24	11	726	3,113	606	1,321	2,333	7,953	7,556	15,383	372	(NA)	(NA)
Tennessee.....	8	3	247	1,179	199	449	821	3,268	3,281	6,389	242	(NA)	(NA)
Alabama.....	9	4	191	817	155	340	587	1,306	1,352	2,657	62	(NA)	(NA)
West South Central.	26	5	421	2,155	330	767	1,566	3,305	2,534	5,704	243	(NA)	(NA)
Texas.....	21	4	359	1,852	281	667	1,334	2,786	2,078	4,742	219	(NA)	(NA)
Mountain.....	10	2	69	505	53	130	386	706	521	1,239	27	(NA)	(NA)
Pacific.....	62	17	1,441	9,947	1,031	2,125	6,543	16,507	15,241	31,272	639	(NA)	(NA)
California.....	53	16	1,367	9,467	973	1,997	6,162	15,601	14,625	29,751	566	(NA)	(NA)
	INDUSTRY 2591.—VENETIAN BLINDS AND SHADES												
Total.....	718	60	10,689	49,590	7,980	15,781	32,511	94,324	105,147	199,552	4,282	11,309	84,856
New England.....	42	4	1,094	5,023	795	1,472	3,123	9,648	8,128	17,813	358	739	4,909
Massachusetts....	21	2	141	626	97	205	332	1,095	1,914	3,059	14	(²)	(²)
Middle Atlantic....	209	17	2,675	12,291	2,006	3,956	7,991	21,918	27,962	49,483	604	2,616	18,669
New York.....	144	10	1,648	7,996	1,184	2,327	4,949	14,079	17,770	31,567	312	1,480	9,978
New Jersey.....	37	2	343	1,685	247	505	1,090	3,708	4,685	8,357	219	432	3,974
Pennsylvania.....	28	5	684	2,610	575	1,124	1,952	4,131	5,507	9,559	73	704	4,717
East North Central.	106	17	3,018	15,894	2,244	4,348	9,928	36,394	33,551	69,877	888	3,168	30,409
Ohio.....	22	3	385	1,739	316	658	1,374	4,996	5,364	10,394	64	398	3,679
Illinois.....	48	5	883	3,863	681	1,323	2,693	9,040	8,605	17,526	167	(D)	(D)
West North Central.	46	2	339	1,419	217	438	827	2,317	2,666	5,067	26	467	2,697
Missouri.....	15	2	218	935	142	283	551	1,336	1,402	2,828	7	324	1,766
South Atlantic.....	97	8	2,125	8,940	1,708	3,577	6,880	12,504	18,056	31,102	(D)	2,635	16,442
Florida.....	34	-	151	489	93	192	323	994	1,177	2,186	(D)	323	1,718
East South Central.	27	3	318	1,006	263	508	720	2,298	3,281	5,488	(D)	207	1,374
West South Central.	77	1	316	1,017	221	434	679	1,988	2,822	4,794	(D)	596	3,694
Mountain.....	19	1	81	294	63	134	217	492	936	1,430	18	117	607
Pacific.....	95	7	723	3,706	463	914	2,146	6,765	7,745	14,498	191	764	6,055
California.....	71	7	625	3,298	401	780	1,939	6,014	6,448	12,455	176	658	5,141

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2599.—FURNITURE AND FIXTURES, N.E.C.													
Total.....	356	91	7,540	39,591	6,171	12,443	28,809	65,871	55,303	121,572	1,691	7,990	60,189
New England.....	12	6	457	2,747	393	805	2,022	4,790	3,252	7,394	188	158	1,124
Massachusetts....	9	4	399	2,375	351	723	1,781	4,265	2,738	6,361	180	(²)	(²)
Middle Atlantic....	106	25	1,891	10,146	1,533	3,090	7,135	17,413	13,544	31,063	453	2,103	16,919
New York.....	65	14	1,055	5,718	853	1,720	4,123	9,952	7,370	17,464	183	1,160	8,611
New Jersey.....	14	5	380	2,386	303	613	1,556	3,171	2,275	5,455	43	321	2,741
Pennsylvania.....	27	6	456	2,042	377	757	1,456	4,290	3,899	8,144	227	622	5,567
North Central.....	77	26	2,730	14,244	2,241	4,553	10,411	22,963	19,018	43,073	544	4,009	28,980
Illinois.....	22	10	1,260	6,628	1,043	2,054	4,739	9,817	6,551	17,265	(D)	1,005	7,011
Missouri.....	14	7	613	2,653	525	1,159	2,119	4,578	4,953	9,495	51	455	2,774
South Atlantic.....	39	8	857	3,848	695	1,363	2,721	6,014	6,058	12,137	(D)	636	5,289
Georgia.....	8	3	116	562	90	186	363	960	729	1,695	4	(²)	(²)
Florida.....	14	1	107	522	90	194	422	862	799	1,645	25	(²)	(²)
East South Central.....	15	3	244	1,054	202	402	799	1,616	1,951	3,550	(D)	17	56
Tennessee.....	10	2	144	456	132	272	407	805	1,000	1,795	(D)	(²)	(²)
West South Central.....	24	5	348	1,404	267	520	922	2,368	2,943	5,265	(D)	177	1,014
Mountain.....	9	2	82	473	63	123	324	722	581	1,294	9	53	559
Pacific.....	74	16	931	5,675	777	1,587	4,475	9,985	7,956	17,796	239	837	6,248
California.....	60	15	855	5,276	710	1,455	4,141	9,222	7,449	16,559	229	787	5,909

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2521, Wood Office Furniture: New England—Massachusetts, 4 (20-99); Rhode Island, 1 (20-99); Connecticut, 1 (100-249); Middle Atlantic—New Jersey, 2 (1-19); Pennsylvania, 12 (500-999); East North Central—Ohio, 3 (100-249); Illinois, 5 (20-99); Wisconsin, 1 (100-249); West North Central—Iowa, 1 (100-249); South Atlantic—West Virginia, 1 (1-19); South Carolina, 1 (1-19); Georgia, 2 (20-99); East South Central—Kentucky, 3 (20-99); Tennessee, 2 (1-19); Alabama, 1 (1-19); West South Central—Arkansas, 1 (20-99); Texas, 10 (192); Mountain—Colorado, 1 (1-19); Arizona, 1 (1-19); Pacific—Washington, 1 (1-19); California, 28 (250-499).

SIC 2522, Metal Office Furniture: New England—Massachusetts, 3 (313); Rhode Island, 1 (1-19); Connecticut, 4 (500-999); Middle Atlantic—New Jersey, 7 (500-999); Pennsylvania, 14 (2,500-4,999); East North Central—Illinois, 12 (1,679); Wisconsin, 3 (148); West North Central—Minnesota, 4 (20-99); Iowa, 3 (250-499); Missouri, 4 (406); Kansas, 2 (250-499); South Atlantic—Virginia, 2 (500-999); West Virginia, 1 (1-19); North Carolina, 1 (20-99); South Carolina, 2 (100-249); Georgia, 2 (100-249); Florida, 1 (1-19); East South Central—Kentucky, 1 (20-99); Tennessee, 3 (336); Alabama, 1 (100-249); West South Central—Arkansas, 2 (1-19); Oklahoma, 1 (1-19); Texas, 3 (20-99); Mountain—New Mexico, 1 (1-19); Pacific—Washington, 1 (20-99); California, 29 (1,000-2,499); Hawaii, 1 (20-99).

SIC 2531, Public Building Furniture: New England—Maine, 2 (100-249); Massachusetts, 9 (100-249); Middle Atlantic—New Jersey, 6 (20-99); West North Central—Missouri, 5 (20-99); South Dakota, 1 (1-19); Nebraska, 2 (20-99); South Atlantic—Maryland, 4 (20-99); West Virginia, 4 (20-99); South Carolina, 1 (1-19); Florida, 6 (20-99); East South Central—Kentucky, 4 (20-99); Alabama, 6 (20-99); West South Central—Louisiana, 2 (20-99); Oklahoma, 3 (20-99); Mountain—Idaho, 1 (20-99); Colorado, 3 (20-99); Arizona, 2 (20-99); Utah, 2 (20-99); Pacific—Oregon, 2 (20-99).

SIC 254, Partitions and Fixtures: New England—Maine, 5 (20-99); New Hampshire, 8 (250-499); Vermont, 2 (1-19); Rhode Island, 12 (250-499); Connecticut, 26 (500-999); West North Central—Iowa, 9 (20-99); North Dakota, 2 (1-19); South Dakota, 1 (1-19); Nebraska, 8 (500-999); South Atlantic—District of Columbia, 8 (20-99); Virginia, 17 (1,000-2,499); North Carolina, 24 (592); South Carolina, 8 (20-99); East South Central—Kentucky, 13 (100-249); Mississippi, 6 (250-499); West South Central—Arkansas, 5 (20-99); Louisiana, 15 (100-249); Mountain—Montana, 1 (20-99); New Mexico, 14 (20-99); Nevada, 3 (20-99); Pacific—Washington, 32 (270); California, 1 (1-19); Alaska, 8 (20-99).

SIC 2541, Wood Partitions and Fixtures: New England—Maine, 5 (20-99); New Hampshire, 7 (250-499); Vermont, 2 (1-19); South Atlantic—Delaware, 5 (20-99); District of Columbia, 6 (20-99); West Virginia, 5 (20-99); South Carolina, 7 (20-99); East South Central—Kentucky, 9 (100-249); Alabama, 13 (20-99); Mississippi, 3 (20-99); West South Central—Arkansas, 5 (20-99); Oklahoma, 17 (100-249); Mountain—Montana, 1 (20-99); Colorado, 15 (100-249); New Mexico, 10 (20-99); Arizona, 14 (100-249); Utah, 13 (100-249); Nevada, 3 (20-99); Pacific—Oregon, 17 (20-99); Alaska, 1 (1-19); Hawaii, 7 (20-99).

SIC 2542, Metal Partitions and Fixtures: New England—New Hampshire, 1 (1-19); Rhode Island, 1 (1-19); Connecticut, 3 (20-99); West North Central—Minnesota, 5 (399); Iowa, 1 (1-19); Nebraska, 2 (100-249); South Atlantic—Delaware, 1 (20-99); Maryland, 7 (20-99); District of Columbia, 2 (1-19); Virginia, 2 (500-999); West Virginia, 2 (100-249); North Carolina, 3 (20-99); South Carolina, 1 (1-19); Georgia, 6 (20-99); East South Central—Kentucky, 4 (100); Mississippi, 3 (188); West South Central—Louisiana, 1 (1-19); Oklahoma, 4 (20-99); Mountain—Colorado, 2 (20-99); New Mexico, 4 (1-19); Arizona, 3 (20-99); Utah, 1 (1-19); Pacific—Washington, 4 (1-19); Oregon, 4 (20-99); Hawaii, 1 (1-19).

SIC 2591, Venetian Blinds and Shades: New England—Maine, 3 (1-19); Rhode Island, 5 (250-499); Connecticut, 12 (20-99); East North Central—Indiana, 10 (20-99); Michigan, 20 (1,509); Wisconsin, 6 (100-249); West North Central—Minnesota, 10 (20-99); Iowa, 8 (20-99); Nebraska, 4 (20-99); Kansas, 9 (20-99); South Atlantic—Delaware, 1 (1-19); Maryland, 7 (1,574); District of Columbia, 2 (20-99); Virginia, 15 (100-249); West Virginia, 5 (20-99); North Carolina, 15 (20-99); South Carolina, 3 (1-19); Georgia, 15 (20-99); East South Central—Kentucky, 5 (100-249); Tennessee, 6 (20-99); Alabama, 12 (20-99); Mississippi, 4 (1-19); West South Central—Arkansas, 6 (20-99); Louisiana, 6 (20-99); Oklahoma, 5 (1-19); Texas, 60 (237); Mountain—Montana, 1 (1-19); Idaho, 4 (1-19); Wyoming, 1 (1-19); Colorado, 5 (20-99); New Mexico, 1 (1-19); Arizona, 5 (1-19); Utah, 2 (20-99); Pacific—Washington, 13 (20-99); Oregon, 5 (20-99); Hawaii, 6 (20-99).

SIC 2599, Furniture and Fixtures, N.E.C.: New England—Connecticut, 3 (20-99); East North Central—Ohio, 5 (20-99); Indiana, 7 (20-99); Michigan, 17 (670); Wisconsin, 2 (1-19); West North Central—Minnesota, 5 (20-99); Iowa, 5 (20-99); Nebraska, 1 (1-19); Kansas, 2 (1-19); South Atlantic—Maryland, 7 (250-499); District of Columbia, 1 (1-19); Virginia, 3 (100-249); North Carolina, 6 (20-99); East South Central—Kentucky, 2 (20-99); Alabama, 2 (20-99); Mississippi, 1 (1-19); West South Central—Arkansas, 2 (100-249); Louisiana, 1 (1-19); Texas, 21 (205); Mountain—Colorado, 8 (20-99); Arizona, 1 (20-99); Pacific—Washington, 2 (1-19); Oregon, 9 (20-99); Hawaii, 3 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

³See footnote 2, table 1 for explanation of classification problems in 1958.

TABLE 3. Detailed Statistics: 1963

Item	Wood office furniture (SIC 2521)	Metal office furniture (SIC 2522)	Public building furniture (SIC 2531)	Wood partitions and fixtures (SIC 2541)	Metal partitions and fixtures (SIC 2542)	Venetian blinds and shades (SIC 2591)	Furniture and fixtures, n.e.c. (SIC 2599)
Primary product specialization ratio ¹.....	.90	.87	.88	.94	.83	.89	.86
Coverage ratio ².....	.87	.89	.85	.89	.82	.90	.70
Establishments, total.....number..	138	170	429	1,594	513	718	356
With 1 to 19 employees.....do....	80	63	265	1,247	346	658	265
With 20 to 99 employees.....do....	36	62	120	321	124	41	79
With 100 employees or more.....do....	22	45	44	26	43	19	12
Proprietors and working partners.....do....	60	44	204	1,008	237	535	170
All employees (average for the year).....do....	6,516	19,928	16,949	24,343	20,290	10,689	7,540
Payroll (all employees), total for year.....\$1,000..	30,560	112,080	83,373	142,521	119,301	49,590	39,591
Production workers:							
Average for the year.....number..	5,622	15,752	13,257	19,446	14,926	7,980	6,171
March.....do....	5,881	15,156	12,597	18,776	14,470	7,498	5,941
May.....do....	5,490	15,888	12,984	19,102	14,548	7,857	6,104
August.....do....	5,520	15,828	14,457	20,463	15,779	81,33	6,210
November.....do....	5,597	16,136	12,990	19,443	14,907	8,433	6,429
Man-hours.....1,000..	11,815	31,531	26,817	40,037	31,673	15,781	12,443
January-March.....do....	3,007	7,825	6,267	9,539	7,633	3,755	2,834
April-June.....do....	2,928	7,859	6,658	9,937	7,915	3,998	3,144
July-September.....do....	2,878	7,671	7,226	10,587	8,186	3,919	3,125
October-December.....do....	3,002	8,176	6,666	9,974	7,939	4,109	3,340
Wages.....\$1,000..	23,666	81,427	57,435	106,292	79,160	32,511	28,809
Cost of materials, etc., total.....do....	45,254	160,091	127,915	172,517	165,724	105,147	55,303
Materials, parts, containers, and supplies consumed.....do....	40,440	136,020	113,472	154,477	152,181	86,444	48,581
Cost of resales.....do....	3,035	19,032	9,329	10,757	4,713	16,629	4,410
Fuels consumed.....do....	325	1,831	999	987	1,716	582	501
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	31	140	92	94	124	66	30
Cost.....\$1,000..	531	2,052	1,650	1,988	2,145	864	560
Generated less sold.....million kw.-hrs..	(D)	(D)	-	(D)	(D)	-	(D)
Contract work.....\$1,000..	923	1,156	2,465	4,308	4,969	628	1,251
Value of shipments (including resales), total.....do....	101,514	389,965	268,563	389,609	377,843	199,552	121,572
Value of resales.....do....	3,411	22,047	11,240	13,448	6,625	25,411	6,110
Value added by manufacture, adjusted.....do....	57,018	228,329	141,756	219,194	214,301	94,324	65,871
Manufacturers' inventories:							
Beginning of year, total.....do....	16,015	68,099	49,817	44,634	55,463	35,191	13,697
Finished products.....do....	4,139	16,212	14,920	9,755	16,311	15,995	3,291
Work-in-process.....do....	5,387	23,663	14,803	15,399	14,085	5,027	4,870
Materials, supplies, fuel, etc.....do....	6,489	28,224	20,094	19,480	25,067	14,169	5,536
End of year, total.....do....	17,134	67,234	53,846	46,496	56,807	34,708	14,302
Finished products.....do....	4,575	17,038	13,545	9,941	16,762	14,946	3,144
Work-in-process.....do....	5,709	21,292	17,286	17,315	15,816	5,995	4,619
Materials, supplies, fuel, etc.....do....	6,850	28,904	23,015	19,240	24,229	13,767	6,539
Expenditures for plant and equipment, total.....do....	1,574	16,007	4,823	7,285	10,804	4,432	1,811
New, total.....do....	1,511	14,199	4,369	6,766	8,520	4,282	1,691
New structures and additions to plant.....do....	873	7,183	1,203	2,708	2,474	2,381	263
New machinery and equipment.....do....	638	7,016	3,166	4,058	6,046	1,901	1,428
Used plant and equipment.....do....	63	1,808	454	519	2,284	150	120
Selected operating ratios:							
Payroll/Total employment.....	4,689	5,624	4,949	5,855	5,880	4,656	5,251
Production workers/Total employment.....	.86	.79	.78	.80	.74	.74	.82
Man-hours/Production workers.....	2,101	2,002	2,027	2,059	2,122	1,985	2,016
Production worker wages/Man-hours.....	2.00	2.58	2.15	2.65	2.50	2.05	2.32
Cost of materials and payrolls/Total value of shipments.....	.75	.70	.79	.81	.75	.78	.78
Cost of materials/Total value of shipments.....	.45	.41	.48	.44	.44	.53	.45
Adjusted value added/Total employment.....	8,750	11,458	8,503	9,004	10,562	8,686	8,736
Salaries and wages/Adjusted value added.....	.54	.49	.58	.65	.56	.54	.60

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (I) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2521.—WOOD OFFICE FURNITURE											
Establishments.....number..	138	35	32	13	27	9	16	6	-	-	-
All employees:											
Total.....do.....	6,516	72	215	182	809	556	2,552	2,130	-	-	-
Payroll.....\$1,000..	30,560	378	1,179	885	3,995	2,993	11,190	9,940	-	-	-
Value added, adjusted.....do...	57,018	661	2,113	1,288	6,703	4,968	22,562	18,723	-	-	-
Value of shipments.....do....	101,514	1,171	3,831	2,552	12,037	8,384	40,471	33,068	-	-	-
Capital expenditures, new...do....	1,511	24	49	25	124	74	356	859	-	-	-
INDUSTRY 2522.—METAL OFFICE FURNITURE											
Establishments.....number..	170	32	14	17	32	30	22	13	6	4	-
All employees:											
Total.....do.....	19,928	65	103	231	1,031	2,138	3,391	4,237	3,941	4,791	-
Payroll.....\$1,000..	112,080	263	499	1,100	4,806	10,424	18,008	23,294	21,273	32,413	-
Value added, adjusted.....do...	228,329	563	850	1,903	9,424	18,961	34,058	51,518	46,572	64,480	-
Value of shipments.....do....	389,965	1,070	1,439	3,943	16,027	36,214	62,398	85,288	71,643	111,943	-
Capital expenditures, new...do....	14,199	42	28	29	211	3,915	2,318	2,170	1,363	4,123	-
INDUSTRY 2531.—PUBLIC BUILDING FURNITURE											
Establishments.....number..	429	132	74	59	81	39	33	6	4	1	-
All employees:											
Total.....do.....	16,949	250	501	826	2,616	2,709	4,698	1,834	3,515	(D)	-
Payroll.....\$1,000..	83,373	1,043	2,421	3,674	12,259	12,076	22,495	9,589	19,816	(D)	-
Value added, adjusted.....do...	141,756	2,179	4,304	6,115	19,611	20,156	35,984	18,274	35,133	(D)	-
Value of shipments.....do....	268,563	4,440	8,408	11,593	37,845	41,234	69,551	31,746	63,746	(D)	-
Capital expenditures, new...do....	4,369	127	199	224	780	714	988	479	858	(D)	-
INDUSTRY 2541.—WOOD PARTITIONS AND FIXTURES											
Establishments.....number..	1,594	655	303	289	239	82	24	2	-	-	-
All employees:											
Total.....do.....	24,343	1,171	2,057	3,902	7,125	5,687	4,401	(D)	-	-	-
Payroll.....\$1,000..	142,521	6,559	10,910	21,683	43,484	34,238	25,647	(D)	-	-	-
Value added, adjusted.....do...	219,194	12,223	19,226	35,046	65,846	52,937	33,916	(D)	-	-	-
Value of shipments.....do....	389,609	23,135	33,483	63,239	117,477	93,732	58,543	(D)	-	-	-
Capital expenditures, new...do....	6,766	534	656	1,125	2,118	1,842	491	(D)	-	-	-
INDUSTRY 2542.—METAL PARTITIONS AND FIXTURES											
Establishments.....number..	513	173	75	98	74	50	29	7	6	1	-
All employees:											
Total.....do.....	20,290	287	497	1,349	2,335	3,570	4,739	2,298	5,215	(D)	-
Payroll.....\$1,000..	119,301	1,786	3,171	7,093	13,143	20,325	28,115	13,287	32,381	(D)	-
Value added, adjusted.....do...	214,301	3,388	5,524	12,337	21,704	34,693	51,982	26,292	58,381	(D)	-
Value of shipments.....do....	377,843	6,177	10,145	22,601	40,690	63,485	93,776	43,294	97,675	(D)	-
Capital expenditures, new...do....	8,520	233	216	456	501	1,501	2,693	573	2,347	(D)	-
INDUSTRY 2591.—VENETIAN BLINDS AND SHADES											
Establishments.....number..	718	453	126	79	38	3	10	6	1	2	-
All employees:											
Total.....do.....	10,689	805	836	1,041	1,119	234	6,654	(D)	(D)	(D)	-
Payroll.....\$1,000..	49,590	2,790	3,505	4,521	4,933	1,377	32,464	(D)	(D)	(D)	-
Value added, adjusted.....do...	94,324	6,175	6,695	8,079	7,807	2,469	63,099	(D)	(D)	(D)	-
Value of shipments.....do....	199,552	13,587	14,794	18,398	17,968	4,011	130,794	(D)	(D)	(D)	-
Capital expenditures, new...do....	4,282	201	144	161	160	20	3,596	(D)	(D)	(D)	-
INDUSTRY 2599.—FURNITURE AND FIXTURES, N.E.C.											
Establishments.....number..	356	136	61	68	55	24	8	4	-	-	-
All employees:											
Total.....do.....	7,540	216	415	967	1,710	1,633	1,254	1,345	-	-	-
Payroll.....\$1,000..	39,591	1,010	2,040	4,844	9,873	7,660	7,030	7,134	-	-	-
Value added, adjusted.....do...	65,871	2,228	3,479	9,049	16,352	12,492	11,020	11,251	-	-	-
Value of shipments.....do....	121,572	4,165	6,837	16,077	31,870	25,779	18,631	18,213	-	-	-
Capital expenditures, new...do....	1,691	60	77	190	386	432	244	302	-	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2521	Wood office furniture.....1963..	101,514	87,455	9,662	4,397	90	100,389	87,455	12,934	87
	1958..	68,392	58,057	7,018	3,317	89	70,689	58,057	12,632	82
2522	Metal office furniture.....1963..	389,965	317,771	46,968	25,226	87	358,062	317,771	40,291	89
	1958..	286,004	236,403	32,773	16,828	88	273,309	236,403	36,906	86
2531	Public building furniture.....1963..	268,563	223,765	30,772	14,026	88	263,291	223,765	39,526	85
	1958..	208,406	174,087	25,362	8,957	88	218,924	174,087	44,837	80
254	Partitions and fixtures ¹.....1963..	767,452	643,085	84,842	39,525	88	752,096	643,085	109,011	86
	1958..	538,872	459,777	46,460	32,635	91	535,186	459,777	75,409	86
2541	Wood partitions and fixtures ¹ ...1963..	389,609	342,978	23,172	23,459	94	384,527	342,978	41,549	89
2542	Metal partitions and fixtures ¹ ..1963..	377,843	300,107	61,670	16,066	83	367,569	300,107	67,462	82
2591	Venetian blinds and shades.....1963..	199,552	153,137	18,197	28,218	89	170,816	153,137	17,679	90
	1958..	189,618	155,877	11,070	22,671	93	166,624	155,877	10,747	94
2599	Furniture and fixtures, n.e.c.....1963..	121,572	97,058	16,164	8,350	86	138,027	97,058	40,969	70
	1958..	110,360	75,414	30,064	4,882	71	101,942	75,414	26,528	74

NOTE: See Introduction for an explanation of terms used.

n.e.c. Not elsewhere classified.

¹See footnote 2, table 1 for explanation of classification problems in 1958.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Wood office furniture (SIC 2521)	Metal office furniture (SIC 2522)	Public building furniture (SIC 2531)	Wood partitions and fixtures (SIC 2541)	Metal partitions and fixtures (SIC 2542)	Venetian blinds and shades (SIC 2591)	Furniture and fixtures, n.e.c. (SIC 2599)	Other industries
	OFFICE, PUBLIC BUILDING, OFFICE AND STORE FIXTURES, AND MISCELLANEOUS FURNITURE INDUSTRY									
	Total shipments of the industry.....	(X)	101,514	389,965	268,563	389,609	377,843	199,552	121,572	(X)
	Office, public building, and miscellaneous furniture, and venetian blinds and shades.	1,782,681	94,172	339,845	237,951	356,057	325,096	153,157	104,871	171,532
25210	Wood office furniture.....	100,389	87,455	(under 2)	1,643	1,765	(under 2)	-	686	¹ 8,040
25221	Chairs, stools, couches, etc., including upholstered.....	73,586	(under 2)	68,746	1,124	-	754	-	(under 2)	1,589
25222	Desks.....	88,270	(under 2)	84,987	(under 2)	-	(under 2)	-	-	(under 2)
25223	Cabinets and cases.....	143,242	-	120,899	(under 2)	-	5,802	-	(under 2)	² 16,467
25224	Other metal office furniture, including tables, stands, etc.....	50,251	255	40,477	227	(under 2)	3,833	-	(under 2)	5,438
25220	Metal office furniture, n.s.k.....	2,713	-	2,662	(under 2)	-	-	-	(under 2)	(under 2)
25311	School furniture, except stone and concrete.....	118,029	2,033	1,517	96,253	2,537	518	-	1,308	³ 13,863
25312	Public building, and related furniture, except school furniture.....	134,163	2,365	(under 2)	116,724	1,794	(under 2)	-	635	⁴ 10,245
25310	Public building and related furniture, n.s.k.....	11,099	(under 2)	-	10,788	(under 2)	-	-	(under 2)	182
25410	Wood partitions, shelving, lockers, and office and store fixtures.....	384,527	543	(under 2)	6,635	342,978	7,559	(under 2)	2,332	⁵ 24,255
25420	Metal partitions, shelving, lockers, and office and store fixtures.....	367,569	-	13,582	1,268	4,870	300,107	(under 2)	(2-5)	⁶ 45,232
25911	Window shades and accessories.....	108,898	-	-	-	(under 2)	-	98,182	(under 2)	⁷ 10,712
25912	Venetian blinds.....	50,370	-	-	-	-	-	43,531	(under 2)	⁸ (5-10)
25910	Venetian blinds and shades, n.s.k.....	11,548	-	-	-	-	-	11,424	-	124
25990	Furniture and fixtures, n.e.c.....	138,027	(under 2)	5,567	3,196	2,082	2,747	(under 2)	97,058	⁹ 27,056
	Other products.....	(X)	2,945	⁹ 24,894	¹⁰ 16,586	10,093	¹¹ 36,681	¹² 18,177	8,351	(X)
	Miscellaneous receipts.....	(X)	4,397	25,226	14,026	23,459	16,066	28,218	8,350	(X)
	Contract and commission work.....	(X)	508	599	1,292	2,601	982	887	1,081	(X)
	Repair work and other miscellaneous receipts.....	(X)	478	2,580	1,494	7,410	8,459	1,920	1,159	(X)
	Resales.....	(X)	3,411	22,047	11,240	13,448	6,625	25,411	6,110	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$6 million shipped by industry 2512, Wood Furniture, Upholstered.

²Includes an amount between \$10 million and \$15 million which was shipped by industry 3492, Safes and Vaults. Exact figures are withheld to avoid disclosing figures for individual companies.

³Includes \$2 million shipped by industry 2511, Wood Furniture, Not Upholstered.

⁴Includes \$3 million shipped by industry 2514, Metal Household Furniture.

⁵Includes \$5 million shipped by industry 2511, Wood Furniture, Not Upholstered. In addition, the following industries had shipments which totaled \$2 million or more: 2431, Millwork Plants; 2651, Folding Paperboard Boxes; and 3811, Scientific Instruments.

⁶Includes \$7 million shipped by industry 3585, Refrigeration Machinery. In addition, the following industries had shipments which totaled \$2 million or more: 2514, Metal Household Furniture; 3442, Metal Doors, Sash and Trim; 3461, Metal Stampings; and 3661, Telephone, Telegraph Apparatus.

⁷Includes an amount between \$5 million and \$10 million shipped by industry 2295, Coated Fabric, Not Rubberized, exact amount withheld to avoid disclosing figures for individual companies.

⁸Includes \$6 million shipped by industry 2515, Mattresses and Bedsprings. In addition, the following industries had shipments which totaled between \$2 million and \$5 million: 2511, Wood Furniture, Not Upholstered; 2514, Metal Household Furniture; 3841, Surgical and Medical Instruments; and 3988, Morticians' Goods.

⁹Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing figures for individual companies: 19990, Ordnance and accessories, n.e.c.; 27526, Other commercial printing (lithographic); 34920, Safes and vaults.

¹⁰Includes the following product classes which total \$2 million or more: 25115, Wood bedroom furniture.

¹¹Includes the following product classes which total \$2 million or more: 25142, Metal kitchen furniture; 34421, Metal doors and frames (except storm doors); 34443, Other sheet metal work; 34618, Other stamped and pressed metal end products; 34990, Fabricated metal products, n.e.c.; 35351, Conveyors and conveying equipment; (except hoists and farm elevators); 35712, Computing and accounting machines, including cash registers.

¹²Includes \$5 million for product class 34443, Other sheet metal work.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2521- --	WOOD OFFICE FURNITURE, TOTAL.....	.....	(X)	100,389	(X)	70,689
25210 10	Chairs, including upholstered.....	No. of units..	808,472	35,255	(X)	26,183
25210 20	Sofas, couches, settees, stools, etc., including upholstered (except factory and institutional).....	...do.....	43,671	5,149	(X)	
	Desks, including modular unit desks:					
25210 32	Executive type (over 60" width).....	...do.....	111,286	15,534	92,405	12,329
25210 33	Clerical and secretarial (60" width and under, with typewriter mechanism and all other).....	...do.....	156,072	15,132	(X)	11,078
25210 39	Modular service units (except desks).....	...do.....	107,411	6,090	(X)	(X)
25210 90	Other wood office furniture, including tables, credenzas, file cabinets, and bookcases.....	.....	(X)	17,157	(X)	14,545
25210 00	Wood office furniture, n.s.k.....	.....	(X)	6,072	(X)	6,554
2522- --	METAL OFFICE FURNITURE, TOTAL.....	.....	(X)	358,062	(X)	273,309
25221 --	Chairs, stools, couches, etc., including upholstered, total.....	.....	(X)	73,586	(X)	58,547
25221 10	Chairs, including upholstered.....	No. of units..	2,280,780	70,988	2,035,069	56,085
25221 50	Sofas, couches, settees, stools, etc., except factory and institutional, including upholstered.....	...do.....	33,897	1,984		
25221 00	Chairs and sofas, n.s.k.....	.....	(X)	614	(X)	2,462
25222 --	Desks.....	.....	(X)	88,270	(X)	66,335
	Desks, including modular unit desks:					
25222 21	Executive type (over 60" width).....	No. of units..	122,691	12,965	173,582	20,711
25222 31	Clerical and secretarial (60" width and under) (with typewriter mechanism and all other).....	...do.....	650,014	71,491	418,540	44,309
25222 00	Desks, n.s.k.....	.....	(X)	3,814	(X)	1,315
25223 --	Cabinets and cases, total.....	.....	(X)	143,242	(X)	107,267
	Noninsulated filing equipment (other than visible):					
	Nonmechanical vertical files:					
	Vertical filing cabinets, including noninsulated security files:					
25223 11	Letter.....	No. of units..	1,136,870	54,495	}	92,404
25223 14	Legal.....	...do.....	312,067	22,779		
25223 15	Other (card, jumbo, ledger, document, ledger trays, etc.)..	...do.....	880,831	17,310		
25223 17	Transfer cases.....	...do.....	483,038	3,821		
25223 18	Shelf files (nonmechanical, for records only).....	...do.....	44,528	1,871	}	(X)
25223 19	Mechanical filing equipment (other than visible), letter, legal, card, etc., manually or electrically operated.....	...do.....	6,472	8,767		
25223 24	Visible equipment (other than insulated), including vertical and rotary units:					
25223 26	Nonmechanical (include cabinets, reference panel type, chart boards, book type, etc.).....	.....	(S)	12,990	}	(X)
25223 23	Mechanical (include card size and reference type, manually or electrically operated).....	.....	(S)	7,159		
25223 23	Insulated filing cabinets (except safes), including insulated security files and insulated ledger trays.....	No. of units..	56,741	11,811	72,324	10,681
25223 00	Cabinets and cases, n.s.k.....	.....	(X)	2,239	(X)	4,182
25224 --	Other metal office furniture (including tables, stands, etc.), total.....	.....	(X)	50,251	(X)	34,156
25224 11	Tables and stands:					
	Quantity reported.....	No. of units..	875,924	30,800	545,008	15,973
	Quantity not reported.....	.....	(X)	(X)	(X)	1,775
25224 21	Modular service units, except desks.....	No. of units..	33,473	3,151	}	(X)
25224 99	Other metal office furniture, n.e.c.....	.....	(X)	16,300		
25220 00	Metal office furniture, n.s.k.....	.....	(X)	2,713	(X)	7,004
2531- --	PUBLIC BUILDING, AND RELATED FURNITURE, TOTAL.....	.....	(X)	263,291	(X)	218,924
25311 --	School furniture except stone and concrete.....	.....	(X)	118,029	(X)	100,414
	Single pupil units:					
25311 12	Desk seat combination with book box (swivel or fixed seat)....	No. of units..	231,849	5,322	(NA)	13,986
25311 15	Desk seat combination without book box (including study top)...	...do.....	291,490	4,150	155,166	2,817
25311 22	Chair desk.....	...do.....	929,224	9,113	1,216,736	11,255
25311 24	Tablet arm chair.....	...do.....	344,446	3,478	315,187	3,857
25311 29	Other single pupil units (including single pupil table desks)...	...do.....	962,914	9,719	860,150	8,458
25311 33	Two or more pupil units (including table desks and tables)....	...do.....	210,127	4,875	158,019	3,631
25311 36	Chairs, all purpose (nonfolding).....	...do.....	2,696,200	19,462	2,136,117	12,991
25311 38	Folding tables and benches (combination).....	...do.....	(S)	6,677	74,054	5,542
25311 37	Storage cabinets.....	...do.....	175,649	17,092	}	(X)
25311 39	Other school furniture, designed specifically for use in schools (including tables, teachers desks, chalk boards, etc.).....	.....	(X)	33,786		
25311 00	School furniture, n.s.k.....	.....	(X)	4,355	(X)	9,209

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

[illegible]

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2591- --	VENETIAN BLINDS AND SHADES, TOTAL.....	.....	(X)	170,816	(X)	166,624
25911 --	Window shades and accessories.....	.....	(X)	108,898	(X)	89,123
25911 12	Window shades, cloth, plastic, paper, etc.....	1,000 units...	33,660	31,552	43,243	35,158
25911 15	Window shade accessories.....	.....	(X)	8,051	(X)	5,928
25911 17	Curtain and drapery rods, poles and fixtures fabricated in this plant.....	.....	(X)	63,674	(X)	36,244
25911 00	Window shades and accessories, n.s.k.....	.....	(X)	5,621	(X)	11,793
25912 --	Venetian blinds.....	.....	(X)	50,370	(X)	53,862
25912 12	Complete venetian blinds, vertical and horizontal, except porch:	.....	(S)	13,891	}	(X) 38,471
25912 52	Steel-slat blinds.....	.....	(S)	9,916		
25912 59	Aluminum-slat blinds.....	.....	(S)	1,859		
25912 71	All other venetian blinds, including wood, plastic, etc.....	.....	(X)	11,160	(X)	12,418
25912 81	Unassembled venetian blinds, parts and components fabricated in this plant.....	.....	(S)	1,746	(NA)	703
25912 00	Porch shades and blinds, except canvas.....	.....	(X)	11,798	(X)	2,270
25910 00	Venetian blinds, n.s.k.....	.....	(X)	11,548	(X)	23,639
2599- --	FURNITURE AND FIXTURES, TOTAL.....	.....	(X)	138,027	(X)	101,942
25990 21	Hospital beds.....	No. of units..	143,121	18,869	(NA)	12,336
25990 41	Restaurant furniture:	.....	.....	.....	.....	.....
25990 45	Chairs and stools:	.....	.....	.....	.....	.....
25990 49	Wood.....	No. of units..	601,783	10,480	(NA)	5,634
25990 98	Metal.....	...do.....	480,526	6,486	(NA)	7,399
25990 00	Other (tables, booths, tray stands, serving tables, etc.).....	.....	(X)	41,334	(X)	22,500
25990 98	Other furniture and fixtures, n.e.c.....	.....	(X)	44,427	(X)	41,282
25990 00	Furniture and fixtures, n.e.c., n.s.k.....	.....	(X)	16,431	(X)	12,791

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Does not include the "captive" production of seats by manufacturers of motor vehicles and other transportation equipment.

²The products coded 2541000 and 2542000, Partitions and fixtures, not specified by kind, were not classified by type of material for 1958. Due to the large value of the "not specified by kind" products, the two industries, 2541, Wood Partitions and Fixtures and 2542, Metal Partitions and Fixtures, were combined and the total is reported under the heading 254, Partitions and Fixtures. The 7-digit product codes describe products reported by type, i.e., wood or metal and those not classified by type are shown as partitions and fixtures, not specified by kind (codes 2541000 and 2542000).

³In 1958 manufacturers reported shipments of product 2541061, Wood counters, except bank counters, totaling \$24,685 thousand. In 1963 it is believed that substantial shipments were reported under codes 2541032 through 2541039 by manufacturers that reported under code 2541061 in 1958. For this reason 1958 shipments of wood counters, except bank counters have been combined with shipments of all retail store fixtures.

⁴Shipments of these products were not reported separately in 1958.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
252--	Office furniture.....1963..	(1)	(1)
	1958..	(1)	(1)
2521-	Wood office furniture.....1963..	146	108
	1958..	109	104
2522-	Metal office furniture.....1963..	(1)	(1)
	1958..	(1)	(1)
25221	Chairs, stools, couches, etc., including upholstered.....1963..	220	100
	1958..	195	90
25222	Desks.....1963..	151	128
	1958..	121	124
2531-	Public building, and related furniture.....1963..	(1)	(1)
	1958..	(1)	(1)
25311	School furniture, except stone and concrete.....1963..	133	127
	1958..	120	119
254--	Partitions and fixtures.....1963..	(1)	(1)
	1958..	(1)	(1)
2541-	Wood partitions and fixtures.....1963..	(1)	(1)
	1958..	(1)	(1)
2542-	Metal partitions and fixtures.....1963..	(1)	(1)
	1958..	(1)	(1)
259--	Furniture and fixtures, n.e.c.....1963..	(1)	(1)
	1958..	(1)	(1)
2591-	Venetian blinds and shades.....1963..	(1)	(1)
	1958..	(1)	(1)
2599-	Furniture and fixtures, n.e.c.....1963..	(1)	(1)
	1958..	(1)	(1)

n.e.c. Not elsewhere classified.

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments:
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
25210	Wood office furniture.....	100,389	² 93,571	² 88,236	² 90,500	² 87,411	70,689	52,396	54,308
2522-	Metal office furniture.....	358,062	² 341,339	² 317,798	² 327,676	² 315,284	273,309	193,481	120,387
25221	Chairs, stools, couches, etc., including upholstered.....	73,586	² 70,070	² 67,098	² 66,949	² 67,184	58,547	33,338	16,687
25222	Desks.....	88,270	² 86,222	² 80,227	² 86,897	² 80,428	66,335	44,014	14,109
25223	Cabinets and cases.....	143,242	² 140,331	² 124,034	² 126,622	² 123,071	107,267	94,003	76,775
25224	Other metal office furniture, including tables, stands, etc.....	50,251	² 44,716	² 46,439	² 47,208	² 44,601	34,156	21,092	7,567
25220	Metal office furniture n.s.k.....	2,713	(X)	(X)	(X)	(X)	7,004	1,034	5,249
2531-	Public building furniture.....	263,291	260,775	244,770	235,015	227,308	218,924	151,370	64,077
25311	School furniture, except stone and concrete	118,029	108,892	109,601	106,322	103,370	100,414	71,339	35,603
25312	Public building and related furniture, except school furniture.....	134,163	123,637	108,641	104,334	100,998	101,336	69,868	22,556
25310	Public building furniture n.s.k.....	11,099	28,246	26,528	24,359	22,940	17,174	10,163	5,918
254--	Partitions and fixtures ³	752,096	706,591	622,748	610,315	569,865	535,186	395,284	240,546
25410	Wood partitions ³	384,527	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
25420	Metal partitions and fixtures ³	367,569	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2591-	Venetian blinds and shades.....	170,816	179,841	176,912	172,121	186,394	166,624	171,811	136,608
25911	Window shades and accessories.....	108,898	97,554	92,543	93,238	99,118	89,123	69,725	51,197
25912	Venetian blinds.....	50,370	62,267	61,938	58,897	66,302	53,862	102,086	85,411
25910	Venetian blinds and window shades etc.....	11,548	20,020	22,431	19,986	20,974	23,639	(X)	(X)
25990	Furniture and fixtures, n.e.c.....	138,027	120,704	107,350	102,218	109,821	101,942	52,555	45,062

Note: Data for Alaska and Hawaii included for 1958 through 1963.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.²Source: Current Industrial Reports Series M25H, Manufactures' Shipments of Office Furniture.³See footnote 2 table 1, for explanation of classification problems.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹			1963 ¹	
WOOD OFFICE FURNITURE (25210)			OTHER METAL OFFICE FURNITURE, INCLUDING TABLES, STANDS, ETC. (25224)			PUBLIC BUILDING AND RELATED FURNITURE, EXCEPT SCHOOL FURNITURE (25312)—Con.		
United States, total....	100,389	70,689	United States, total....	50,251		East North Central—Con.		
New England.....	3,646	2,048	Northeast.....	15,700		Illinois.....	10,728	
Massachusetts.....	1,206	(Z)	New York.....	5,355		Michigan.....	19,856	
Middle Atlantic.....	30,034	122,757	Pennsylvania.....	6,658		Wisconsin.....	18,622	
New York.....	16,737	15,745	East North Central.....	22,130		West North Central.....	4,057	
North Central.....	34,629	27,443	Ohio.....	4,408		South Atlantic.....	14,606	
Indiana.....	15,815	10,765	Michigan.....	7,858		Virginia.....	2,715	
Michigan.....	8,384	6,703	Wisconsin.....	3,108		North Carolina.....	9,722	
South Atlantic.....	18,426	10,064	West North Central.....	3,521		Florida.....	1,095	
North Carolina.....	17,516	9,536	South and West.....	8,900		East South Central.....	5,560	
East South Central.....	3,789	1,636	California.....	4,050		Tennessee.....	1,248	
West South Central.....	3,004	2,809				West South Central.....	11,504	
West.....	6,861	(²)	SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE (25311)			Arkansas.....	5,311	
California.....	6,421	3,613	United States, total....	118,029	100,414	Texas.....	5,340	
METAL CHAIRS, STOOLS, COUCHES, ETC., INCLUDING UPHOLSTERED (25221)			New England.....	4,458	1,870	West.....	12,010	
United States, total....	73,586	58,547	Connecticut.....	2,329	(Z)	California.....	10,521	
Northeast.....	13,363	11,908	Middle Atlantic.....	7,821	9,618	METAL PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES (25420)		
New York.....	1,940	3,683	New York.....	1,573	(²)	United States, total....	367,569	
Pennsylvania.....	7,409	5,087	New Jersey.....	1,039	(Z)	New England.....	8,199	
North Central.....	50,296	42,643	Pennsylvania.....	5,209	5,428	Massachusetts.....	7,525	
Ohio.....	8,571	(²)	East North Central.....	54,299	48,964	Middle Atlantic.....	105,509	
Illinois.....	6,756	3,511	Ohio.....	2,927	1,913	New York.....	55,275	
Michigan.....	17,005	11,957	Indiana.....	6,996	6,508	New Jersey.....	8,681	
South.....	6,116	(²)	Illinois.....	11,375	8,160	Pennsylvania.....	41,553	
Pacific.....	3,811	1,443	Michigan.....	29,403	31,574	East North Central.....	168,822	
California.....	3,811	1,443	Wisconsin.....	3,598	(Z)	Ohio.....	63,414	
METAL DESKS (25222)			West North Central.....	4,341	4,251	Indiana.....	14,263	
United States, total....	88,270	66,335	Minnesota.....	2,465	(²)	Illinois.....	63,860	
Northeast.....	33,832	(²)	South Atlantic.....	9,084	(²)	Michigan.....	25,207	
New York.....	10,816	10,116	Maryland.....	1,123	(Z)	Wisconsin.....	2,078	
Pennsylvania.....	16,060	(Z)	North Carolina.....	6,261	8,280	West North Central.....	17,684	
East North Central.....	43,564	36,936	East South Central.....	3,424	(Z)	Missouri.....	7,462	
Illinois.....	9,516	(²)	West South Central.....	19,205	(²)	South Atlantic.....	21,419	
West North Central.....	1,840	(Z)	Texas.....	12,583	11,044	West Virginia.....	2,681	
South.....	2,449	(Z)	West.....	15,397	(²)	North Carolina.....	3,074	
Pacific.....	6,585	2,212	Washington.....	4,904	(Z)	Georgia.....	4,258	
METAL CABINETS AND CASES (25223)			California.....	9,870	7,563	Florida.....	1,436	
United States, total....	143,242	107,267	PUBLIC BUILDING AND RELATED FURNITURE, EXCEPT SCHOOL FURNITURE (25312)			East South Central.....	11,541	
New England.....	5,017	2,286	United States, total....	134,163		Tennessee.....	5,406	
Middle Atlantic.....	52,963	46,883	New England.....	9,083		Alabama.....	2,290	
New York.....	32,681	29,899	Massachusetts.....	5,228		West South Central.....	4,218	
North Central.....	69,545	52,578	Middle Atlantic.....	14,587		Texas.....	3,246	
Ohio.....	34,252	26,558	New York.....	6,710		Mountain.....	1,263	
Illinois.....	8,734	6,108	Pennsylvania.....	7,690		Pacific.....	28,914	
Wisconsin.....	3,713	1,529	East North Central.....	62,756		Oregon.....	1,172	
South.....	9,350	3,422	Ohio.....	6,763		California.....	27,191	
Pacific.....	6,367	2,098	Indiana.....	6,787		WINDOW SHADES AND ACCESSORIES (25911)		
						United States, total....	108,898	89,123
						New England.....	14,065	4,104

— See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹			1963 ¹	1958
WINDOW SHADES AND ACCESSORIES (25911)—Con.			VENETIAN BLINDS (25912)—Continued			FURNITURE AND FIXTURES N.E.C. (25990)—Continued		
Middle Atlantic.....	19,102	15,957	East North Central.....	5,098		Middle Atlantic.....	34,763	31,112
New York.....	16,659	11,136	Ohio.....	1,029		New York.....	19,008	15,651
New Jersey.....	1,209	2,547	Illinois.....	1,497		New Jersey.....	4,704	3,187
Pennsylvania.....	1,234	2,274	Michigan.....	1,109		Pennsylvania.....	11,056	12,274
North Central.....	56,468	53,576	West North Central.....	2,937		East North Central.....	43,194	37,499
Indiana.....	1,155	(²)	Missouri.....	2,076		Illinois.....	18,381	13,543
Illinois.....	17,596	(D)	South Atlantic.....	12,300		Michigan.....	9,368	2,643
South.....	12,904	(²)	Virginia.....	1,219		Wisconsin.....	3,852	14,781
West.....	6,359	(²)	East South Central.....	1,096		West North Central.....	11,081	9,230
California.....	5,493	3,131	West South Central.....	2,216		Missouri.....	10,197	8,429
VENETIAN BLINDS (25912)	1963 ¹		Texas.....	1,749		South Atlantic.....	11,249	6,328
United States, total....		50,370	West.....	7,026		Maryland.....	4,874	(²)
New England.....		3,400	California.....	5,874		Georgia.....	1,806	(Z)
Massachusetts.....		3,021	FURNITURE AND FIXTURES N.E.C. (25990)	1963 ¹	1958	Florida.....	1,813	(Z)
Middle Atlantic.....		16,297	United States, total....	138,027	101,942	East South Central.....	3,772	(Z)
New York.....		5,382	New England.....	9,439	3,638	Tennessee.....	1,694	(Z)
New Jersey.....		5,843	Connecticut.....	4,586	1,229	West South Central.....	5,270	2,156
Pennsylvania.....		5,072				Arkansas.....	2,538	(Z)
						Texas.....	2,635	1,678
						Mountain.....	1,200	(Z)
						Pacific.....	18,059	10,741
						California.....	16,898	10,079

Note: Selected individual products for 1963 (The value of the products shown below are included in product classes above which also include other individual products making up the product class):

Item and geographic area	Value of shipments (\$1,000)	Item and geographic area	Value of shipments (\$1,000)
Wood office furniture:		Metal office furniture:	
Chairs (2521010):		Chairs (except factory and institutional), posture and others (2522110):	
United States.....	35,255	United States, total.....	70,988
Middle Atlantic.....	12,084	Middle Atlantic.....	10,111
East North Central.....	11,259	East North Central.....	41,230
South Atlantic.....	5,168	Pacific.....	3,419
West South Central.....	1,547	Other.....	16,228
Pacific.....	1,569	Noninsulated filing equipment (other than visible):	
Other.....	3,628	Nonmechanical vertical files:	
Stools, sofas, couches, settees, etc. (including upholstered) except factory and institutional (2521020):		Vertical filing cabinets:	
United States, total.....	5,149	Letter (2522311):	
Middle Atlantic.....	1,789	United States, total.....	54,495
Other.....	3,360	Middle Atlantic.....	22,162
Desks (including modular unit desks) (2521030):		East North Central.....	22,229
United States, total.....	30,666	Pacific.....	3,301
Middle Atlantic.....	6,237	Other.....	6,803
East North Central.....	10,734	Legal (2522314):	
Pacific.....	2,516	United States, Total.....	22,779
Other.....	11,179	Middle Atlantic.....	9,535
Modular service units, except desks (2521039):		East North Central.....	10,420
United States, total.....	6,090	Pacific.....	1,362
East North Central.....	1,217	Other.....	1,462
Other.....	4,873	Other (card, jumbo, ledger, document, etc.) (2522315):	
Other wood office furniture (2521090):		United States, total.....	17,310
United States, total.....	17,157	Middle Atlantic.....	5,739
Middle Atlantic.....	6,804	East North Central.....	5,427
East North Central.....	6,096	Other.....	6,144
Other.....	4,257	Visible equipment (other than insulated) including vertical and rotary units:	
		Nonmechanical (including cabinets, reference panel type, chart boards, book type, etc.) (2522324):	
		United States, total.....	12,990
		Middle Atlantic.....	3,100
		Other.....	9,890

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Footnotes for Table 6D--25B--Continued

Item and geographic area	Value of shipments (\$1,000)	Item and geographic area	Value of shipments (\$1,000)
Metal office furniture—Continued		Metal office furniture—Continued	
Tables and stands (2522411):		Tables and stands (2522411)—Continued	
United States, total.....	30,800	Other metal office furniture (2522499):	
		United States, total.....	16,300
Middle Atlantic.....	7,802	Middle Atlantic.....	5,995
East North Central.....	14,434	East North Central.....	5,609
West North Central.....	2,518	Other.....	4,696
Other.....	6,046		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million. n.e.c. Not elsewhere classified.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 25210, Connecticut, Pennsylvania, Ohio, Wisconsin, Iowa, Kentucky, and Texas; 25221, Connecticut, New Jersey, Indiana, Wisconsin, Missouri, Kansas, Tennessee, and Alabama; 25222, New Jersey, Ohio, Michigan, Wisconsin, Iowa, Tennessee, and California; 25223, Massachusetts, Connecticut, New Jersey, Pennsylvania, Michigan, Iowa, Virginia, South Carolina, Georgia, Tennessee, and California; 25224, New Jersey, Indiana, Illinois, Iowa, Missouri, and Virginia; 25311, Massachusetts, Georgia, Tennessee, and Arkansas; 25312, Maine, Connecticut, Iowa, and Mississippi; 25420, Minnesota, Nebraska, Virginia, Kentucky, and Mississippi; 25911, Massachusetts, Rhode Island, Ohio, Michigan, Maryland, and Kentucky; 25912, Wisconsin, and Maryland; 25990, Massachusetts, Ohio, Indiana, Virginia, and Kentucky.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2521.—WOOD OFFICE FURNITURE			
	Materials, parts, containers, and supplies, total.....		(X)	40,440	(X)	26,067
242101	Hardwood lumber, rough and dressed.....	1,000 bd. ft....	43,500	7,097	35,305	5,287
242103	Softwood lumber, rough and dressed.....	..do.....	1,977	208	1,912	195
243250	Hardwood veneer.....	1,000 sq. ft. (surface measure)	48,426	2,474	26,938	1,389
243210	Hardwood plywood.....	..do.....	5,923	2,394	7,674	2,726
243203	Softwood plywood.....	1,000 sq. ft. (3/8" basis)....	1,991	116	(¹)	(¹)
249930	Particleboard.....	1,000 sq. ft. (3/4" basis)....	2,717	702	(¹)	(¹)
249960	Hard pressed wood fiberboard.....	1,000 sq. ft. (1/8" basis)....	532	65	(¹)	(¹)
342901	Furniture and builders' hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	4,234	(¹)	(¹)
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	Short tons.....	(NA)	100	(¹)	(¹)
331019	All other carbon steel mill shapes and forms (including tubing).....	..do.....	(S)	683	(¹)	(¹)
331031	Stainless steel mill shapes and forms.....	..do.....	(NA)	136	(¹)	(¹)
285101	Paints, varnishes, lacquers, japans, and enamels.....	1,000 gals.....	543	1,214	(¹)	(¹)
307931	Plastic laminated sheets.....		(X)	1,375	(¹)	(¹)
229508	Coated or laminated fabric (for upholstery).....	1,000 lin. yds...	723	1,078	(¹)	(¹)
265011	Paperboard boxes and containers (including folding, corrugated, and set-up).....		(X)	1,466	(¹)	(¹)
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	8,692	(X)	11,347
976000	Materials, components, parts, containers, and supplies, n.s.k.....		(X)	8,406	(X)	5,123
			INDUSTRY 2522.—METAL OFFICE FURNITURE			
	Materials, parts, containers, and supplies, total.....		(X)	136,020	(X)	95,005
242101	Hardwood lumber, rough and dressed.....	1,000 bd. ft....	3,861	471	810	138
242103	Softwood lumber, rough and dressed.....	..do.....	1,693	207	5,979	558
243250	Hardwood veneer.....	1,000 sq. ft. (surface measure)	(S)	395	}	(X)
243210	Hardwood plywood.....	..do.....	1,397	453		
243203	Softwood plywood.....	1,000 sq. ft. (3/8" basis)....	(S)	237		
249930	Particleboard.....	1,000 sq. ft. (3/4" basis)....	917	219	(¹)	(¹)
342901	Furniture and builders hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	17,968	(¹)	(¹)
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	Short tons.....	303,270	46,460	289,505	35,511
331019	All other carbon steel mill shapes and forms (including tubing):	..do.....	20,459	4,506	9,599	1,589
	Quantity reported.....		(X)	(X)	(X)	448
331020	Alloy steel mill shapes and forms (except stainless).....	Short tons.....	11,400	1,594	}	(X)
331031	Stainless steel mill shapes and forms.....	..do.....	(S)	297		
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	1,000 lbs.....	4,395	2,648			(NA)
285101	Paints, varnishes, lacquers, japans, and enamel.....	1,000 gals.....	1,784	5,849	(¹)	(¹)
307931	Plastic laminated sheets.....		(X)	3,127	(¹)	(¹)
229508	Coated or laminated fabric (for upholstery).....	1,000 lin. yds...	1,363	2,488	(¹)	(¹)
265011	Paperboard boxes and containers (including folding, corrugated and set-up).....		(X)	7,282	(¹)	(¹)
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	31,295	(X)	46,820
976000	Materials, components, parts, containers, and supplies, n.s.k.....		(X)	10,524	(X)	7,289
			INDUSTRY 2531.—PUBLIC BUILDING FURNITURE			
	Materials, parts, containers, and supplies, total.....		(X)	118,997	(X)	87,927
242101	Hardwood lumber, rough and dressed.....	1,000 bd. ft....	52,589	10,382	44,653	8,850
242103	Softwood lumber, rough and dressed.....	..do.....	18,856	2,845	7,852	1,405
243250	Hardwood veneer.....	1,000 sq. ft. (surface measure)	78,054	3,536	83,060	4,764
243210	Hardwood plywood:					
	Quantity reported.....	..do.....	13,733	4,257	11,520	3,324
	Quantity not reported.....		(X)	(X)	(X)	663

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
INDUSTRY 2531.—PUBLIC BUILDING FURNITURE—Con.						
243203	Softwood plywood: Quantity reported.....	1,000 sq. ft. (3/8" basis)	13,530	1,444	14,531	1,646
	Quantity not reported.....		(X)	242	(X)	290
249930	Particleboard.....	1,000 sq. ft. (3/4" basis)....	14,753	2,126	(1)	(1)
249960	Hard pressed wood fiberboard: Quantity reported.....	1,000 sq. ft. (1/8" basis)....	10,764	752	(1)	(1)
	Quantity not reported.....		(X)	153	(1)	(1)
342901	Furniture and builders hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....		(X)	5,853	(1)	(1)
	Mill shapes and forms (except castings): Carbon steel (including wrought iron):					
331012	Sheet and strip.....	Short tons.....	70,080	12,345	60,103	9,150
331019	All other carbon steel mill shapes and forms (including tubing): Quantity reported.....	..do.....	24,244	4,607	16,694	3,716
	Quantity not reported.....		(X)	(X)	(X)	1,173
331020	Alloy steel mill shapes and forms (except stainless).....	Short tons.....	1,214	580	(NA)	246
331031	Stainless steel mill shapes and forms.....	..do.....	(NA)	253	107	158
335208	Aluminum and aluminum-base alloy: Quantity reported.....	1,000 lbs.....	3,782	2,051	1,369	1,101
	Quantity not reported.....		(X)	525	(X)	(X)
285101	Paints, varnishes, lacquers, japans, and enamels.....	1,000 gals.....	1,134	2,967	(1)	(1)
307931	Plastic laminated sheets.....		(X)	3,842	(1)	(1)
229508	Coated or laminated fabric (for upholstery).....	1,000 lin. yds...	1,735	3,330	(1)	(1)
265011	Paperboard boxes and containers (including folding corrugated and set-up).....		(X)	3,175	(1)	(1)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	36,703	(X)	39,477
976000	Materials, components, parts, containers, and supplies, n.s.k.....		(X)	17,029	(X)	11,964
Material			Unit of measure	1963 ²		
				Quantity	Delivered cost (\$1,000)	
				INDUSTRY 2541.—WOOD PARTITIONS AND FIXTURES		
Materials, parts, containers, and supplies, total.....				(X)	154,477	
242101	Hardwood lumber, rough and dressed.....	1,000 bd. ft.....		30,109	8,614	
242103	Softwood lumber, rough and dressed: Quantity reported.....	..do.....		22,134	3,551	
	Quantity not reported.....			(X)	871	
243250	Hardwood veneer.....	1,000 sq. ft. (surface measure)		(S)	2,083	
243210	Hardwood plywood: Quantity reported.....	..do.....		36,846	10,799	
	Quantity not reported.....			(X)	2,567	
243203	Softwood plywood: Quantity reported.....	1,000 sq. ft. (3/8" basis)....		42,432	6,574	
	Quantity not reported.....			(X)	1,490	
249930	Particleboard.....	1,000 sq. ft. (3/4" basis)....		29,157	5,377	
249960	Hard pressed wood fiberboard.....	1,000 sq. ft. (1/8" basis)....		21,970	2,072	
342901	Furniture and builder's hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....			(X)	8,246	
	Mill shapes and forms(except castings): Carbon steel (including wrought iron):					
331012	Sheet and strip.....	Short tons.....		(S)	716	
331019	All other carbon steel mill shapes and forms (including tubing): Quantity reported.....	..do.....		2,934	700	
	Quantity not reported.....			(X)	130	
331020	Alloy steel mill shapes and forms (except stainless): Quantity reported.....	Short tons.....		1,699	471	
	Quantity not reported.....			(X)	134	

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963 ²	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2541.—WOOD PARTITIONS AND FIXTURES—Continued	
	Mill shapes and forms (except casting)—Continued Carbon steel (including wrought iron)—Continued			
331031	Stainless steel mill shapes and forms.....	Short tons.....	(S)	966
335208	Aluminum and aluminum-base alloy mill shapes and forms: Quantity reported..... Quantity not reported.....	1,000 lbs.....	1,692 (X)	841 414
285101	Paints, varnishes, lacquers, japans, and enamels: Quantity reported..... Quantity not reported.....	1,000 gals.....	1,219 (X)	3,602 818
307931	Plastic laminated sheets.....	.....	(X)	16,654
229508	Coated or laminated fabric (for upholstery).....	1,000 lin. yds...	(S)	290
265011	Paperboard boxes and containers (including folding, corrugated, and set-up).....	.....	(X)	1,198
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....	.....	(X)	23,437
976000	Materials, components, parts, containers, and supplies, n.s.k.....	.....	(X)	51,862
			INDUSTRY 2542.—METAL PARTITIONS AND FIXTURES	
	Materials, parts, containers, and supplies, total.....	.....	(X)	152,181
242101	Hardwood lumber, rough and dressed: Quantity reported..... Quantity not reported.....	1,000 bd. ft.....	5,921 (X)	636 78
242103	Softwood lumber, rough and dressed: Quantity reported..... Quantity not reported.....	1,000 bd. ft.....	6,856 (X)	1,155 169
243250	Hardwood veneer.....	1,000 sq. ft. (surface measure)	(S)	129
243210	Hardwood plywood: Quantity reported..... Quantity not reported.....	..do.....	1,534 (X)	547 267
243203	Softwood plywood: Quantity reported..... Quantity not reported.....	1,000 sq. ft. (3/8" basis)....	4,749 (X)	714 131
249930	Particleboard.....	1,000 sq. ft. (3/4" basis)....	1,590	363
249960	Hard pressed wood fiberboard: Quantity reported..... Quantity not reported.....	1,000 sq. ft. (1/8" basis)....	18,461 (X)	1,296 200
342901	Furniture and builders hardware, including cabinet hardware, casters, gliders, handles, hinges, locks, etc.....	.....	(X)	8,538
	Mill shapes and forms (except castings): Carbon steel (including wrought iron):			
331012	Sheet and strip.....	Short tons.....	392,906	60,266
331019	All other carbon steel mill shapes and forms (including tubing): Quantity reported..... Quantity not reported.....	..do.....	18,646 (X)	3,976 1,861
331020	Alloy steel mill shapes and forms (except stainless): Quantity reported..... Quantity not reported.....	Short tons.....	5,733 (X)	895 246
331031	Stainless steel mill shapes and forms: Quantity reported..... Quantity not reported.....	Short tons.....	1,763 (X)	1,844 397
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	1,000 lbs.....	5,124	2,512
285101	Paints, varnishes, lacquers, japans, and enamels.....	1,000 gals.....	2,235	6,633
307931	Plastic laminated sheets.....	.....	(X)	420
229508	Coated or laminated fabric (for upholstery).....	1,000 lin. yds...	(S)	170
265011	Paperboard boxes and containers (including folding, corrugated and set-up).....	.....	(X)	5,795
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	32,461
976000	Materials, components, parts, containers, and supplies, n.s.k.....	.....	(X)	20,484

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2591.—VENETIAN BLINDS AND SHADES			
	Materials, parts, containers, and supplies, total.....		(X)	82,915	(X)	86,664
	Mill shapes and forms:					
	Carbon steel (including wrought iron):					
331012	Sheet and strip.....	Short tons.....	45,566	8,756	72,770	12,938
331019	All other carbon steel, including tubing:					
	Quantity reported.....	..do.....	35,725	6,274	3,397	1,008
	Quantity not reported.....		(X)	(X)	(X)	135
331031	Alloy steel.....	Short tons.....	(S)	629	{ (NA) (1)	568 (1)
331021	Stainless steel.....	..do.....				
	Aluminum and aluminum-base alloy:					
335202	Sheet, plate, and foil:					
	Quantity reported.....	1,000 lbs.....	5,634	2,564	(NA)	4,034
	Quantity not reported.....		(X)	511	(NA)	813
335205	Extruded shapes, including extruded rod, bar, pipe, tube, etc...	1,000 lbs.....	2,006	1,516	{ (NA)	3,019
335209	All other aluminum mill shapes and forms (wire, rolled rod, and bar, powder, welded tubing, etc.).....	..do.....	(S)	1,008		
229506	Plastic coated fabric and shade cloth:					
	Quantity reported.....	1,000 lin. yds....	8,197	4,486	(1)	(1)
	Quantity not reported.....		(X)	2,006	(1)	(1)
970099	All other materials and components, parts, containers, and supplies consumed, n.e.c.....		(X)	36,268	(X)	36,710
976000	Materials, components, parts, containers, and supplies, n.s.k.....		(X)	18,897	(X)	27,439
			INDUSTRY 2599.—FURNITURE AND FIXTURES, N.E.C.			
	Materials, parts, containers, and supplies, total.....		(X)	48,581	(X)	45,802
242101	Hardwood lumber, rough and dressed:					
	Quantity reported.....	1,000 bd. ft.....	6,800	2,161	{ (NA)	3,045
	Quantity not reported.....		(X)	284		
242103	Softwood lumber, rough and dressed:.....	1,000 bd. ft.....	3,109	403	{ (X)	2,658
243210	Hardwood plywood:					
	Quantity reported.....	1,000 sq. ft. (surface measure)	4,239	1,644		
	Quantity not reported.....		(X)	279		
243203	Softwood plywood.....	1,000 sq. ft. (3/8" basis).....	9,000	1,545	{ (1)	(1)
249930	Particleboard.....	1,000 sq. ft. (3/4" basis).....	3,491	528		
249960	Hard pressed wood fiberboard.....	1,000 sq. ft. (1/8" basis).....	3,650	179		
342901	Furniture and builders hardware, including cabinet hardware, casters,gliders, handles, hinges, locks, etc.....		(X)	1,239	(1)	(1)
	Mill shapes and forms (except castings):					
	Carbon steel (including wrought iron):					
331012	Sheet and strip:					
	Quantity reported.....	Short tons.....	10,834	1,855	35,262	5,562
	Quantity not reported.....		(X)	474	(X)	(X)
331019	All other carbon steel mill shapes and forms (including tubing):					
	Quantity reported.....	Short tons.....	8,315	1,404	16,183	3,055
	Quantity not reported.....		(X)	354	(X)	(X)
331020	Alloy steel mill shapes and forms (except stainless).....	Short tons.....	(S)	148	{ (NA)	1,570
331031	Stainless steel mill shapes and forms:					
	Quantity reported.....	..do.....	1,387	1,520		
	Quantity not reported.....		(X)	464		
335208	Aluminum and aluminum-base alloy mill shapes and forms.....	1,000 lbs.....	(S)	987	974	802
285101	Paints varnishes, lacquers, japans, and enamels:					
	Quantity reported.....	1,000 gals.....	198	480	(1)	(1)
	Quantity not reported.....		(X)	83	(1)	(1)
307931	Plastic laminated sheets.....		(X)	2,772	(1)	(1)
229508	Coated or laminated fabric (for upholstery):					
	Quantity reported.....	1,000 lin. yds....	668	1,054	(1)	(1)
	Quantity not reported.....		(X)	430	(1)	(1)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2599.—FURNITURE AND FIXTURES, N.E.C.—Con.			
265011	Paperboard boxes and containers (including folding, corrugated, and set-up).....		(X)	535	(1)	(1)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	13,129	(X)	18,246
976000	Materials, components, parts, containers, and supplies, n.s.k.....		(X)	14,630	(X)	10,864

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Does not meet publication standards.

¹In 1958, the cost of these materials were included with "All other materials and components, parts, containers, and supplies consumed" (material code 970099).

²Comparable data for 1958 not available.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Wood office furniture (SIC 2521)	Metal office furniture (SIC 2522)	Public building furniture (SIC 2531)	Venetian blinds and shades (SIC 2591)	Furniture and fixtures, n.e.c. (SIC 2599)
Total cost of purchased fuels and electric energy.....\$1,000..	811	3,245	2,708	1,266	993
Total cost of purchased fuels.....do....	290	1,595	1,062	560	396
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	27	38	30	6	10
Cost.....\$1,000..	151	262	244	55	96
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	(S)	-	-
Cost.....\$1,000..	-	-	(S)	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	(S)	111	49	25	28
Cost.....\$1,000..	(S)	379	215	94	91
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	(S)	1,370	617	358	162
Cost.....\$1,000..	(S)	891	387	176	82
Other fuels.....do....	(S)	63	201	235	127
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	25	115	98	40	29
Cost.....\$1,000..	521	1,650	1,646	706	597
Generated less sold.....million kw.-hrs..	(S)	(S)	-	-	(S)
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	27	70	79	28	30
Prime movers, total.....do....	4	5	6	1	(Z)
Driving generators.....do....	1	1	(Z)	(Z)	(Z)
Not driving generators.....do....	3	4	6	1	(Z)
Electric motors, total.....do....	23	66	73	26	30
Driven by purchased energy.....do....	23	66	73	26	30
Driven by energy generated at establishment.....do....	(Z)	(Z)	-	-	(Z)
Aggregate horsepower per 100 production workers.....	498	466	548	355	510

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2522-	METAL OFFICE FURNITURE										
	Entire industry.....	170	19,928	112,080	15,752	31,531	81,427	228,329	160,091	389,965	14,199
	Establishments with—										
	90% or more specialization..	127	12,206	67,816	9,743	19,547	49,525	134,423	101,774	236,236	9,980
	75-89% specialization.....	13	3,471	20,112	2,908	5,585	15,828	42,711	27,043	70,097	2,327
25221	Chairs, stools, couches, etc. including upholstered.....	41	4,401	24,696	3,336	6,934	17,243	57,115	40,036	96,392	5,649
	Establishments with—										
	90% or more specialization....	24	1,065	4,877	852	1,668	3,551	7,894	8,554	16,453	3,658
	75-89% specialization.....	9	903	4,235	639	1,270	2,785	11,511	6,991	18,145	1,580
25222	Desks.....	21	5,829	35,397	4,742	9,285	26,299	64,435	57,656	122,791	6,158
	Establishments with—										
	90% or more specialization....	5	127	743	61	121	226	359	432	1,791	20
25223	Cabinets and cases.....	55	7,977	43,438	6,355	12,744	32,086	87,208	52,130	141,110	1,591
	Establishments with—										
	90% or more specialization....	15	843	4,041	636	1,227	2,626	11,493	5,239	16,796	117
	75-89% specialization.....	8	1,357	6,323	1,029	2,114	4,175	13,184	9,009	22,563	146
25224	Other metal furniture, including tables, stands, etc.....	30	1,475	7,568	1,119	2,198	5,061	17,709	8,708	26,197	685
	Establishments with—										
	90% or more specialization....	17	381	1,789	297	562	1,164	2,623	2,843	5,417	127
2531-	PUBLIC BUILDING FURNITURE										
	Entire industry.....	429	16,949	83,373	13,257	26,817	57,435	141,756	127,915	268,563	4,369
	Establishments with—										
	90% or more specialization..	339	10,211	52,156	8,030	16,249	36,065	90,795	82,320	171,442	2,863
	75-89% specialization.....	30	3,152	14,476	2,421	5,018	9,671	26,344	23,050	49,374	947
25311	School furniture, except stone and concrete.....	107	7,965	40,768	6,104	11,980	27,697	69,484	69,289	137,779	2,027
	Establishments with—										
	90% or more specialization....	59	2,339	11,473	1,934	3,700	8,757	19,515	22,379	42,050	860
	75-89% specialization.....	8	887	3,858	696	1,337	2,612	7,845	9,431	17,176	223
25312	Public building and related furniture, except school furniture....	180	8,086	39,148	6,375	13,280	26,884	65,778	53,301	119,201	2,023
	Establishments with—										
	90% or more specialization....	124	3,661	18,492	2,858	6,084	12,416	30,782	25,219	55,520	915
	75-89% specialization.....	29	1,975	9,663	1,606	3,285	7,120	18,039	14,712	31,989	465
2542-	METAL PARTITIONS AND FIXTURES										
	Entire industry.....	513	20,290	119,301	14,926	31,673	79,160	214,301	165,724	377,843	8,520
	Establishments with—										
	90% or more specialization..	407	10,343	60,685	7,778	16,872	40,921	114,906	80,658	194,795	5,855
	75-89% specialization.....	33	3,249	17,847	2,206	4,553	11,094	35,409	27,368	62,054	1,179
2591-	VENETIAN BLINDS AND SHADES										
	Entire industry.....	718	10,689	49,590	7,980	15,781	32,511	94,324	105,147	199,552	4,282
	Establishments with—										
	90% or more specialization..	654	6,625	31,251	4,703	9,155	19,126	62,187	65,364	127,148	1,858
	75-89% specialization.....	20	1,484	7,450	1,074	2,124	5,597	14,906	17,497	32,344	(D)
25911	Window shades and accessories.....	169	6,780	33,379	5,167	10,120	22,215	66,126	70,134	136,375	3,516
	Establishments with—										
	90% or more specialization....	95	3,431	17,858	2,520	4,728	11,009	37,790	34,916	72,303	(D)
	75-89% specialization.....	19	915	4,410	726	1,410	3,204	9,998	8,720	18,790	(D)
25912	Venetian blinds.....	346	3,156	13,530	2,277	4,594	8,422	22,929	28,256	51,068	587
	Establishments with—										
	90% or more specialization....	230	1,693	7,548	1,194	2,454	4,590	13,006	15,060	28,041	406
	75-89% specialization.....	34	241	1,004	179	343	629	1,702	2,437	4,122	30

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2599-	FURNITURE AND FIXTURES, N.E.C.										
	Entire industry.....	356	7,540	39,591	6,171	12,443	28,809	65,871	55,303	121,572	1,691
	Establishments with—										
	90% or more specialization..	296	4,653	23,237	3,894	7,808	17,370	41,107	37,370	79,336	974
	75-89% specialization.....	19	747	4,223	571	1,136	2,816	5,278	5,330	10,595	142

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

Paper and Allied Products

- 26A Pulp, paper, and board mills
- 26B Converted paper and paperboard products, except containers and boxes
- 26C Paperboard containers and boxes

This major group includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into paper or board; and the manufacture of paper and paperboard into converted products such as coated paper, paper bags, paperboard boxes, and envelopes. Certain types of converted paper products are classified in other major groups, such as abrasive paper in Industry 3291, Abrasive Products, carbon paper in Industry 3955, Carbon Paper and Inked Ribbons, and photosensitized and blueprint paper in Industry 3861, Photographic Equipment and Supplies.

While there is some overlap in the shipments of products primary to each of the industries in this group, the specialization for this group of industries collectively is very high. In 1963, shipments by mills in this group of industries consisted of 99 percent pulp, paper, and board and only 1 percent of other products (chiefly converted paper and board products and basic chemicals produced as a byproduct of the pulp operations). These establishments also accounted for approximately 100 percent of the pulp, paper, and board produced in all manufacturing industries.

Although some duplication occurs where the

wood pulp and other products produced by mills classified in Industry 2611 are shipped to paper and board mills for incorporation into the products of establishments classified in Industries 2621 and 2631, this situation does not exist for paper, board, and converted products.

There is a high degree of integration between Industry 2631, Paperboard Mills, and the various container converting industries, except Industries 2652 and 2655, which rely principally on market purchases of paperboard. In Industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.

The extent of integration between primary mills and converting plants is less marked in the manufacture of other converted paper and paperboard products. Like the manufacturers of paperboard containers and boxes, these converting industries display relatively high specialization and coverage ratios. However, with the exception of Industry 2643, Bags, Except Textile Bags, they are composed largely of "independent" or nonintegrated plants; i.e., plants not associated or affiliated with a primary paper or board mill.

PAPER AND ALLIED PRODUCTS: MAJOR GROUP 26

Value Added by Manufacture by State: 1963

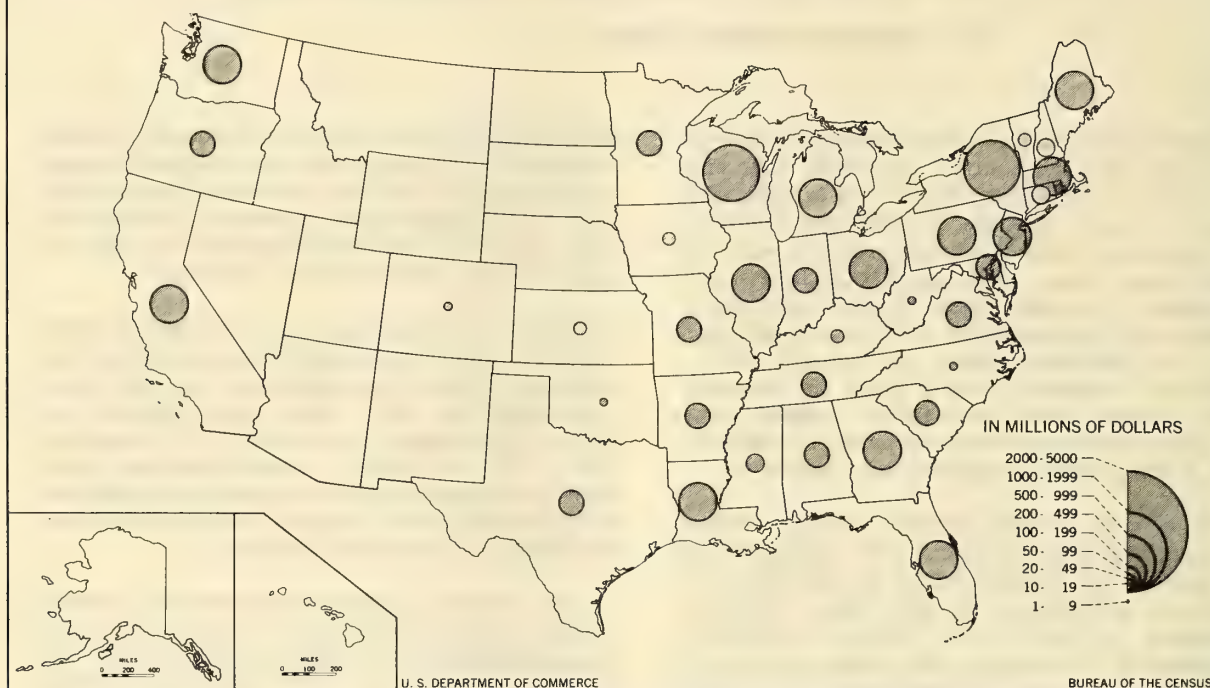


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963 ⁵	5 904	3 666	613 829	3 746 389	467 795	988 582	2 551 148	7 395 677	9 001 448	16 357 102	708 532
1958	5 442	3 312	573 592	2 920 858	445 076	927 097	2 022 345	5 668 720	(NA)	13 164 356	634 446
1954 ⁶	5 004	3 177	540 419	2 286 041	435 727	919 940	1 656 720	4 630 153	(NA)	(NA)	532 723
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963 ⁷	191	114	25 815	238 204	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958 ⁷	183	98	22 254	161 471	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954	(NA)	(NA)	12 709	81 371	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963 ⁵	5 713	3 552	588 014	3 508 185	467 795	988 582	2 551 148	7 395 677	9 001 448	16 357 102	708 532
1958	5 259	3 214	551 338	2 759 387	445 076	927 097	2 022 345	5 668 720	(NA)	13 164 356	634 446
1954 ⁶	5 004	3 177	527 710	2 204 670	435 727	919 940	1 656 720	4 630 153	(NA)	(NA)	532 723
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁸	(NA)	(NA)	575 641	3 335 630	460 173	971 018	2 423 971	6 996 543	8 657 785	15 293 152	741 525
1961 ⁸	(NA)	(NA)	570 317	3 178 750	455 701	957 937	2 314 960	6 660 097	8 191 879	14 787 495	685 393
1960 ⁸	(NA)	(NA)	574 468	3 088 985	460 624	964 367	2 235 119	6 509 101	(NA)	(NA)	658 540
1959 ⁸	(NA)	(NA)	569 412	2 997 603	458 815	977 216	2 200 896	6 393 414	(NA)	(NA)	686 415
1957 ⁸	(NA)	(NA)	563 374	2 721 225	458 078	956 219	2 010 215	5 724 186	(NA)	(NA)	766 601
1956 ⁸	(NA)	(NA)	562 494	2 616 161	460 999	982 137	1 951 781	5 609 500	(NA)	(NA)	750 109
1955 ⁸	(NA)	(NA)	546 293	2 419 390	451 391	967 947	1 818 195	5 140 679	(NA)	(NA)	555 870
1953 ⁸	(NA)	(NA)	533 312	2 180 228	441 608	949 567	1 646 492	4 463 237	(NA)	(NA)	397 208
1952 ⁸	4 334	(NA)	482 399	1 877 489	402 071	867 956	1 425 369	3 882 962	(NA)	(NA)	370 648
1951 ⁸	4 406	(NA)	494 558	1 822 636	415 112	898 365	1 388 593	4 179 917	(NA)	(NA)	388 645
1950 ⁸	4 456	(NA)	477 752	1 607 277	400 820	873 860	1 239 768	3 437 715	(NA)	(NA)	299 083
1949 ⁸	(NA)	(NA)	447 230	1 419 675	377 070	801 198	1 083 398	2 777 231	(NA)	(NA)	315 285
1947	4 100	(NA)	454 075	1 294 535	391 715	857 344	1 018 339	2 913 197	(NA)	(NA)	406 779
1939	3 328	(NA)	(NA)	(NA)	270 239	(NA)	315 193	888 350	(NA)	(NA)	(NA)
1937 ⁹	3 084	(NA)	(NA)	(NA)	266 944	(NA)	310 137	862 866	(NA)	(NA)	(NA)
1935	2 945	(NA)	266 857	313 309	235 665	(NA)	235 725	635 840	(NA)	(NA)	(NA)
1933	2 697	(NA)	220 619	219 038	196 380	(NA)	172 842	518 096	(NA)	(NA)	(NA)
1931 ¹⁰	2 917	(NA)	(NA)	(NA)	197 088	(NA)	216 821	606 357	(NA)	(NA)	(NA)
1929	2 973	(NA)	258 306	372 638	228 919	(NA)	281 461	782 043	(NA)	(NA)	(NA)
1927	2 851	(NA)	245 666	343 706	218 296	(NA)	264 153	685 496	(NA)	(NA)	(NA)
1925	2 614	(NA)	241 858	327 081	216 146	(NA)	256 367	612 207	(NA)	(NA)	(NA)
1923	2 582	(NA)	240 598	317 384	213 978	(NA)	243 920	564 313	(NA)	(NA)	(NA)
1921	2 511	(NA)	202 354	255 750	180 604	(NA)	197 926	392 012	(NA)	(NA)	(NA)
1919	2 558	(NA)	227 099	268 369	202 888	(NA)	208 174	516 568	(NA)	(NA)	(NA)
1914	2 344	(NA)	181 519	114 343	164 152	(NA)	87 385	201 181	(NA)	(NA)	(NA)
1909	2 316	(NA)	155 133	85 353	142 477	(NA)	66 572	167 697	(NA)	(NA)	(NA)
1904	2 031	(NA)	128 615	62 415	119 854	(NA)	50 863	122 021	(NA)	(NA)	(NA)
1899	1 895	(NA)	99 784	43 713	93 512	(NA)	35 393	89 706	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²Value of products shipped (including resales of finished products produced by other manufacturing establishments) less cost of materials, supplies, fuel, electric energy and contract work plus the net change in finished products and work-in-process inventories between the beginning and end of the year.

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵Data prior to 1958 are not directly comparable due to a change in the Standard Industrial Classification. Hard pressed wood fiberboard mills are no longer classified in Industry 2661, but are classified in Industry 2499, Wood Products, N.E.C.

⁶The figures for 1939 to 1963 included, whereas those for earlier years excluded, data for establishments primarily engaged in the manufacture of printed paper patterns and laminated enamel hard pressed insulating wallboards of vegetable fiber. Value added by manufacture in 1939 excluding data for these establishments was \$869.9 million. The

comparability of 1947 to 1963 figures with those for earlier years is further affected by the inclusion of data for establishments primarily engaged in the manufacture of tags which were formerly classified in the printing and publishing area.

⁷Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962 or prior to 1949.

⁸These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁹The figures for 1937 to 1963 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufactures of fiber products, fiber conduits, and molded pulp products. Value added by manufacture for 1937, excluding data for these establishments, was \$852.7 million.

¹⁰The figures for 1931 to 1963 include, whereas those for earlier years exclude, data for establishments primarily engaged in manufacture of paper products. Value added by manufacture for 1931, excluding data for these establishments, was \$599.6 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
26	PAPER AND ALLIED PRODUCTS, TOTAL	5 713	3 552	588 014	3 508 185	467 795	988 582	2 551 148	7 395 677	708 532	551 338	5 668 720
	NORTHEAST	2 459	1 437	201 164	1 170 881	159 339	338 109	836 938	2 260 744	180 753	203 380	1 859 975
	NEW ENGLAND	645	422	68 585	399 714	54 121	117 672	289 348	785 109	68 893	71 212	640 092
	MAINE	50	35	16 537	107 584	13 321	30 269	82 649	232 399	32 998	17 019	179 121
	NEW HAMPSHIRE	50	42	5 580	30 901	4 586	9 903	24 156	61 085	5 901	6 213	58 465
	VERMONT	23	19	2 175	11 725	1 763	4 065	8 859	29 920	1 338	2 364	25 116
	MASSACHUSETTS	368	229	34 550	195 566	26 630	57 180	135 348	358 845	22 364	35 524	294 334
	RHODE ISLAND	48	29	2 223	9 545	1 842	3 737	6 713	15 712	919	1 841	11 935
	CONNECTICUT	106	68	7 520	44 393	5 979	12 518	31 623	87 148	5 373	8 251	71 121
	MIDDLE ATLANTIC	1 814	1 015	132 579	771 167	105 218	220 437	547 590	1 475 635	111 860	132 168	1 219 883
	NEW YORK	1 015	505	60 419	342 775	48 734	101 384	246 757	616 461	48 377	65 723	568 364
	NEW JERSEY	377	223	31 891	192 825	24 347	51 014	130 743	377 888	29 206	28 334	273 935
	PENNSYLVANIA	422	287	40 269	235 567	32 137	68 039	170 090	481 286	34 277	38 111	377 584
	NORTH CENTRAL	1 616	1 067	181 682	1 099 302	143 151	305 195	790 948	2 179 501	188 791	170 482	1 700 738
	EAST NORTH CENTRAL	1 307	874	149 862	923 314	118 060	253 479	665 296	1 810 521	154 584	141 881	1 392 348
	OHIO	306	217	37 330	233 833	29 261	64 003	168 734	449 276	29 474	35 821	343 331
	INDIANA	129	84	12 609	71 642	9 792	20 810	50 378	135 835	7 728	11 073	99 408
	ILLINOIS	456	289	35 580	206 088	27 470	56 704	138 274	379 585	30 322	31 922	286 977
	MICHIGAN	215	139	28 004	179 940	22 017	48 204	132 353	344 030	27 906	26 786	259 934
	WISCONSIN	201	145	36 339	231 811	29 520	63 758	175 557	501 795	59 154	36 279	402 698
	WEST NORTH CENTRAL	309	193	31 820	175 988	25 091	51 716	125 652	368 980	34 207	28 601	308 390
	MINNESOTA	90	51	13 505	80 880	10 732	22 523	59 435	177 998	22 824	11 541	148 118
	IOWA	36	28	3 063	16 077	2 432	5 206	11 419	39 829	2 203	2 417	27 016
	MISSOURI	131	83	11 536	60 182	9 039	18 029	41 695	117 391	6 381	11 785	108 121
	NORTH DAKOTA	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH DAKOTA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	KANSAS	31	18	2 747	14 135	2 160	4 470	10 076	26 396	2 103	2 064	17 735
	SOUTH	951	664	146 425	860 473	117 710	247 894	639 176	2 058 115	251 726	129 059	1 460 809
	SOUTH ATLANTIC	521	360	80 702	471 913	64 736	136 372	345 776	1 163 850	154 416	70 594	794 713
	DELAWARE	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	MARYLAND	72	54	9 455	54 196	7 464	16 616	38 948	101 623	8 551	8 938	74 850
	DISTRICT OF COLUMBIA	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	VIRGINIA	67	51	12 053	69 979	9 736	20 816	51 365	171 730	27 694	10 993	131 028
	WEST VIRGINIA	20	15	1 545	7 319	1 307	2 715	5 521	12 595	546	1 410	9 877
	NORTH CAROLINA	99	68	13 221	75 757	10 467	23 092	55 424	176 514	14 213	10 867	102 679
	SOUTH CAROLINA	37	26	8 807	52 721	7 229	14 986	39 795	140 073	26 529	7 081	83 444
	GEORGIA	106	70	20 484	119 285	16 212	33 454	86 741	339 327	52 919	16 768	228 389
	FLORIDA	104	64	13 556	82 804	11 078	22 260	60 939	203 919	19 661	13 212	151 538
	EAST SOUTH CENTRAL	176	140	30 516	182 539	24 767	53 098	138 474	409 434	37 537	26 091	292 111
	KENTUCKY	31	23	3 858	17 743	3 154	6 406	12 666	33 948	1 873	2 016	13 794
	TENNESSEE	84	65	10 179	59 156	7 564	16 859	42 135	152 073	12 356	9 072	110 354
	ALABAMA	40	35	11 675	76 378	9 836	20 986	59 983	165 574	16 108	9 823	112 347
	MISSISSIPPI	21	17	4 804	29 262	4 213	8 847	23 690	57 839	7 200	5 180	55 616
	WEST SOUTH CENTRAL	254	164	35 207	206 021	28 207	58 424	154 926	484 831	59 773	32 374	373 985
	ARKANSAS	34	25	7 224	40 403	6 074	12 272	32 031	118 853	20 385	5 190	65 565
	LOUISIANA	50	41	15 574	92 367	12 752	26 098	73 759	202 566	26 158	16 871	185 595
	OKLAHOMA	18	7	847	4 936	666	1 501	3 506	13 365	1 353	625	9 144
	TEXAS	152	91	11 562	68 315	8 715	18 553	45 630	150 047	11 877	9 688	113 681
	WEST	686	384	58 675	377 441	47 564	97 327	283 810	907 213	86 621	49 446	659 440
	MOUNTAIN	51	28	3 400	21 322	2 816	5 936	16 190	60 389	5 595	2 193	40 645
	MONTANA	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	IDAHO	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	COLORADO	29	16	1 149	6 287	913	1 911	4 163	13 363	631	843	9 017
	NEW MEXICO	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	ARIZONA	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	UTAH	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEVADA	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	PACIFIC	635	356	55 275	356 119	44 748	91 391	267 620	846 824	81 026	47 253	618 795
	WASHINGTON	80	57	17 985	118 494	15 015	30 364	92 998	330 262	26 339	15 767	251 780
	OREGON	57	32	6 781	44 789	5 611	11 466	34 941	116 901	18 902	7 017	103 555
	CALIFORNIA	485	258	28 865	179 762	22 820	47 069	130 004	371 101	34 305	24 469	263 460
	ALASKA	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
261	PULP MILLS, TOTAL ¹	45	40	15 123	107 359	12 242	25 156	81 018	295 804	38 899	14 171	196 026
262	PAPER MILLS, EXCEPT BUILDING, TOTAL ¹	325	313	129 848	877 942	105 636	234 596	682 034	1 857 203	232 779	131 334	1 542 746
263	PAPERBOARD MILLS, TOTAL ¹	271	259	63 398	429 017	51 334	113 145	326 960	1 186 224	159 528	57 086	340 057

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
264	PAPER AND PAPERBOARD PRODUCTS: TOTAL	2 495	1 196	166 725	917 333	129 359	265 697	632 688	1 962 370	128 520	150 972	1 412 894
	NORTHEAST	1 122	489	60 696	332 154	45 999	94 116	221 455	734 416	38 159	60 163	580 892
	NEW ENGLAND	262	131	19 007	99 718	14 198	29 493	67 074	222 832	11 763	19 313	166 983
	MAINE	13	8	1 716	10 120	1 374	2 941	7 566	30 333	1 710	1 434	13 770
	NEW HAMPSHIRE	15	13	1 949	10 366	1 482	3 205	7 748	25 260	2 129	1 960	18 400
	MASSACHUSETTS	164	80	12 399	64 908	8 992	18 355	41 176	128 378	6 532	12 723	107 877
	CONNECTICUT	39	13	1 445	7 304	1 168	2 369	5 612	17 392	508	(D)	(D)
	MIDDLE ATLANTIC	860	358	41 689	232 436	31 801	64 623	154 381	511 584	26 396	40 850	413 909
	NEW YORK	558	212	21 594	116 341	16 730	34 146	78 553	228 197	11 091	24 059	219 441
	NEW JERSEY	150	62	9 570	57 756	6 611	13 482	33 900	118 634	8 417	7 715	80 293
	PENNSYLVANIA	152	84	10 525	58 339	8 460	16 995	41 928	164 753	6 888	9 076	114 175
	NORTH CENTRAL	710	369	58 744	336 416	45 204	93 469	229 619	727 405	53 888	53 009	507 586
	EAST NORTH CENTRAL	562	295	47 830	279 460	36 876	76 893	191 663	595 360	42 803	43 653	406 577
	OHIO	127	68	12 031	73 233	8 917	19 035	48 392	138 188	8 829	10 435	91 159
	INDIANA	60	28	4 841	25 668	3 731	7 692	18 151	54 029	2 488	3 647	30 841
	ILLINOIS	198	103	12 812	72 774	9 626	19 746	45 995	145 169	9 594	11 555	101 019
	MICHIGAN	89	41	8 165	49 465	6 390	13 306	35 560	104 404	12 356	7 922	73 179
	WISCONSIN	88	55	9 981	58 320	8 212	17 114	43 565	153 570	9 536	10 094	110 379
	WEST NORTH CENTRAL	148	74	10 914	56 956	8 328	16 576	37 956	132 045	11 085	9 356	101 009
	MINNESOTA	48	22	3 879	21 476	2 951	5 962	14 539	63 343	7 920	2 417	45 335
	IOWA	14	8	952	4 463	722	1 445	2 822	14 718	385	(D)	(D)
	MISSOURI	65	37	5 252	27 483	3 997	7 891	18 110	48 061	2 465	5 693	44 413
	NEBRASKA	6	4	377	1 910	277	568	1 217	3 581	75	(D)	(D)
	SOUTH	342	198	32 138	159 787	26 143	53 865	118 051	308 565	21 022	25 467	204 790
	SOUTH ATLANTIC	183	103	14 816	73 771	12 275	24 788	54 790	143 093	9 107	12 557	89 918
	MARYLAND	20	15	887	4 336	750	1 503	2 987	9 573	491	702	6 404
	VIRGINIA	23	17	2 300	11 377	1 915	3 989	8 299	21 382	1 063	2 210	14 919
	NORTH CAROLINA	31	17	1 158	5 202	940	2 120	3 729	13 874	697	458	3 823
	GEORGIA	40	20	4 981	24 617	4 049	7 821	17 612	44 109	1 883	4 447	33 772
	FLORIDA	45	19	3 219	16 599	2 762	5 491	13 253	25 998	2 291	2 824	15 549
	EAST SOUTH CENTRAL	56	37	8 142	40 159	6 576	14 348	30 960	78 352	3 883	6 335	58 036
	KENTUCKY	10	6	1 974	7 720	1 683	3 364	5 858	13 859	935	946	5 727
	TENNESSEE	26	15	2 603	13 323	1 776	4 496	10 081	42 429	994	2 455	27 651
	ALABAMA	14	12	2 940	16 407	2 537	5 254	12 766	20 742	753	2 688	23 127
	MISSISSIPPI	6	4	625	2 709	580	1 234	2 255	1 322	1 201	246	1 531
	WEST SOUTH CENTRAL	103	58	9 180	45 857	7 292	14 729	32 301	87 120	8 032	6 575	56 836
	LOUISIANA	18	15	2 874	14 602	2 503	5 031	11 952	23 584	1 712	2 654	25 176
	TEXAS	64	32	3 937	21 220	2 781	5 810	12 094	41 322	3 678	2 748	24 578
	WEST	321	142	15 202	89 276	12 051	24 344	63 698	196 608	15 624	12 333	119 626
	MOUNTAIN	20	7	732	3 687	582	1 175	2 473	6 903	459	(D)	(D)
	PACIFIC	301	135	14 470	85 589	11 469	23 169	61 225	189 705	15 165	(D)	(D)
	WASHINGTON	26	12	2 897	16 418	2 452	4 895	12 995	40 835	1 935	2 646	23 687
	CALIFORNIA	242	108	10 140	60 615	7 913	16 085	42 350	132 499	(D)	8 157	82 026
265	PAPERBOARD CONTAINERS & BOXES: TOTAL	2 494	1 667	201 046	1 106 897	159 066	328 626	771 539	1 940 973	140 741	181 177	1 501 629
	NORTHEAST	1 031	660	73 291	395 051	58 621	119 429	272 860	681 686	47 081	72 221	554 376
	NEW ENGLAND	254	170	17 198	88 859	13 798	28 355	62 227	157 241	9 762	16 901	127 866
	NEW HAMPSHIRE	11	8	585	2 704	467	962	1 888	5 145	(D)	(D)	(D)
	MASSACHUSETTS	151	97	10 501	55 391	8 429	17 479	39 401	97 573	5 442	10 437	79 134
	RHODE ISLAND	28	20	1 565	5 945	1 305	2 522	3 997	9 714	645	1 303	7 140
	CONNECTICUT	48	37	3 826	21 183	3 026	6 127	14 384	36 827	1 582	4 319	32 809
	MIDDLE ATLANTIC	777	490	56 093	306 192	44 823	91 074	210 633	524 445	37 319	55 320	426 510
	NEW YORK	370	212	23 476	127 588	19 081	38 071	88 455	214 760	13 273	25 910	198 532
	NEW JERSEY	185	123	15 484	89 043	12 276	25 234	61 217	155 274	11 938	13 544	105 631
	PENNSYLVANIA	222	155	17 133	89 561	13 466	27 769	60 961	154 411	12 108	15 866	122 347
	NORTH CENTRAL	711	508	69 685	398 542	54 268	113 195	277 299	687 856	47 787	61 323	536 728
	EAST NORTH CENTRAL	569	406	56 224	326 150	43 636	91 419	226 011	543 996	38 924	49 961	420 521
	OHIO	134	106	14 374	82 736	11 405	23 809	59 169	130 810	6 650	12 904	106 677
	INDIANA	57	44	6 086	35 207	4 685	9 991	23 975	58 858	4 443	5 401	44 940
	ILLINOIS	228	156	19 364	110 651	15 074	31 085	75 252	190 390	17 847	16 478	140 178
	MICHIGAN	86	58	10 058	60 176	7 637	16 309	41 951	97 472	5 082	8 911	72 703
	WISCONSIN	64	42	6 342	37 380	4 835	10 225	25 664	66 466	4 902	6 267	56 023

(D) Information not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
265	PAPERBOARD CONTAINERS & BOXES-CONT.											
	WEST NORTH CENTRAL	142	102	13 461	72 392	10 632	21 776	51 288	143 860	8 863	11 362	116 207
	IOWA	19	17	1 702	9 135	1 376	3 015	6 663	19 391	1 236	1 235	15 241
	MISSOURI	61	42	6 082	31 592	4 869	9 799	22 708	66 810	3 666	5 801	60 687
	KANSAS	15	13	2 130	11 579	1 656	3 490	8 114	22 530	1 742	1 674	14 163
	SOUTH	466	331	39 295	198 161	31 399	65 723	138 533	371 855	33 648	32 115	252 365
	SOUTH ATLANTIC	261	184	25 210	127 632	20 207	42 297	89 914	230 979	23 812	20 849	162 970
	DELAWARE	4	4	571	3 034	415	754	1 815	4 032	(D)	(D)	(D)
	MARYLAND	46	33	5 594	30 322	4 504	9 614	21 092	51 545	3 877	5 477	43 204
	WEST VIRGINIA	9	6	684	3 142	565	1 105	2 209	5 451	(D)	625	4 626
	NORTH CAROLINA	57	40	3 746	17 244	3 025	6 616	12 358	33 033	1 594	2 988	21 025
	SOUTH CAROLINA	16	13	3 267	17 076	2 772	5 495	13 251	34 123	4 330	2 702	21 595
	GEORGIA	49	34	5 946	30 366	4 578	9 559	20 534	53 717	4 967	4 344	37 878
	FLORIDA	47	33	2 957	14 693	2 280	4 786	9 881	28 369	2 462	2 469	17 638
	EAST SOUTH CENTRAL	90	74	6 206	29 227	4 984	10 390	20 164	56 738	3 718	4 378	29 335
	KENTUCKY	20	16	1 814	9 660	1 417	2 929	6 559	19 181	926	1 070	8 067
	TENNESSEE	45	38	2 840	13 187	2 296	4 799	9 127	25 541	2 012	2 461	16 626
	WEST SOUTH CENTRAL	115	73	7 879	41 302	6 208	13 036	28 455	84 138	6 118	6 888	60 060
	ARKANSAS	12	9	1 445	7 133	1 158	2 343	5 092	22 206	755	1 160	14 243
	LOUISIANA	18	13	2 234	12 769	1 826	3 855	9 188	20 573	1 098	2 601	16 204
	OKLAHOMA	10	3	477	2 692	360	774	1 734	5 818	539	421	3 813
	TEXAS	75	48	3 723	18 708	2 864	6 064	12 441	35 541	3 726	2 706	25 800
	WEST	286	168	18 752	115 063	14 804	30 340	82 640	204 563	11 932	15 518	158 160
	MOUNTAIN	26	16	1 047	5 551	828	1 660	3 689	11 753	484	755	7 136
	COLORADO	16	11	676	3 618	549	1 106	2 440	7 927	180	461	4 278
	PACIFIC	260	152	17 705	109 512	13 976	28 680	78 951	192 810	11 448	14 763	151 024
	WASHINGTON	28	19	1 842	11 186	1 450	2 908	8 081	19 229	965	1 635	13 468
	OREGON	13	6	705	4 294	557	1 113	3 341	6 932	267	849	9 785
	CALIFORNIA	215	124	15 042	93 507	11 874	24 476	67 142	165 429	10 206	12 279	127 771
	HAWAII	4	3	116	525	95	183	387	1 220	10	-	-
266	BUILDING PAPER AND BOARD MILLS, TOTAL ¹	83	77	11 874	69 637	10 158	21 362	56 909	153 103	8 065	16 598	175 368

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
¹This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3. Detailed Statistics: 1963

Item	Paper and allied products (SIC 26)	Pulp mills (SIC 261)	Paper mills, except building (SIC 262)	Paperboard mills (SIC 263)	Paper and paper-board products (SIC 264)	Paperboard containers and boxes (SIC 265)	Building paper and board mills (SIC 266)
ESTABLISHMENTS, TOTAL NUMBER . .	5 713	45	325	271	2 495	2 494	83
WITH 1 TO 19 EMPLOYEES DO. .	2 161	5	12	12	1 299	827	6
WITH 20 TO 99 EMPLOYEES DO. .	2 019	13	83	96	746	1 034	47
WITH 100 EMPLOYEES OR MORE DO. .	1 533	27	230	163	450	633	30
PROPRIETORS AND WORKING PARTNERS DO. .	1 113	1	3	5	655	446	3
ALL EMPLOYEES (AVERAGE FOR THE YEAR) DO. .	588 614	15 123	129 848	63 398	166 725	201 046	11 874
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000. .	3 508 185	107 359	877 942	429 017	917 333	1 106 897	69 637
PRODUCTION WORKERS:							
AVERAGE FOR THE YEAR NUMBER . .	467 795	12 242	105 636	51 334	129 359	159 066	10 158
MARCH DO. .	461 893	11 515	105 099	51 382	127 691	156 383	9 823
MAY DO. .	465 244	12 339	105 524	51 609	128 090	157 312	10 370
AUGUST DO. .	473 025	12 683	106 681	52 132	130 460	160 551	10 518
NOVEMBER DO. .	470 314	12 444	105 193	50 281	130 342	161 941	10 113
MAN-HOURS 1,000. .	983 582	25 156	234 596	113 145	265 697	328 626	21 362
JANUARY-MARCH DO. .	243 551	6 239	59 769	28 186	65 384	79 740	5 233
APRIL-JUNE DO. .	247 542	6 347	59 054	28 349	66 568	81 907	5 317
JULY-SEPTEMBER DO. .	246 162	6 202	58 082	27 884	65 887	82 622	5 435
OCTOBER-DECEMBER DO. .	251 384	6 368	58 696	28 728	67 902	84 360	5 330
WAGES \$1,000. .	2 551 148	81 018	682 034	326 960	632 688	771 539	56 909
COST OF MATERIALS, ETC., TOTAL ¹ DO. .	9 001 448	312 600	1 970 987	1 131 197	2 740 299	2 716 140	130 225
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO. .	8 268 862	278 706	1 750 014	988 392	2 556 051	2 594 241	101 458
COST OF REALES DO. .	227 211	11	13 717	3 453	134 819	68 655	6 556
FUELS CONSUMED DO. .	304 540	23 930	129 629	106 971	15 883	16 369	11 758
ELECTRIC ENERGY:							
PURCHASED:							
QUANTITY MILLION KW.-HRS. .	18 373	1 413	9 103	3 424	1 808	1 488	1 137
COST \$1,000. .	166 800	7 099	73 212	30 837	23 327	22 017	10 308
GENERATED LESS SOLD MILLION KW.-HRS. .	23 762	1 684	10 341	8 607	1 608	1 393	(D)
CONTRACT WORK \$1,000. .	34 005	2 854	4 415	1 544	10 219	14 828	145
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO. .	16 357 102	609 050	3 824 915	2 315 954	4 686 353	4 639 266	281 564
VALUE OF REALES DO. .	276 304	496	17 049	4 017	164 038	82 793	7 906
VALUE ADDED BY MANUFACTURE, ADJUSTED DO. .	7 395 677	295 304	1 857 203	1 186 224	1 962 370	1 940 973	153 103
MANUFACTURERS' INVENTORIES:							
BEGINNING OF YEAR, TOTAL DO. .	1 698 554	70 244	417 913	151 862	503 051	530 145	25 339
FINISHED PRODUCTS DO. .	573 674	19 830	115 776	36 662	209 072	182 415	9 909
WORK-IN-PROCESS DO. .	196 890	4 426	38 026	6 486	59 809	85 495	2 648
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	927 952	45 988	264 111	108 714	234 172	262 185	12 782
END OF YEAR, TOTAL DO. .	1 759 327	65 404	430 219	149 885	528 821	558 503	26 495
FINISHED PRODUCTS DO. .	616 283	19 425	120 887	36 804	230 046	197 300	11 821
WORK-IN-PROCESS DO. .	202 370	4 220	38 461	7 323	61 409	88 457	2 560
MATERIALS, SUPPLIES, FUEL, ETC. DO. .	940 684	41 759	270 871	105 758	237 376	272 746	12 174
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO. .	732 305	39 248	234 821	162 490	136 498	151 136	8 112
NEW, TOTAL DO. .	708 532	38 899	232 779	159 528	128 520	140 741	3 065
NEW STRUCTURES AND ADDITIONS TO PLANT DO. .	118 838	7 454	29 948	32 835	21 912	26 014	675
NEW MACHINERY AND EQUIPMENT DO. .	589 694	31 445	202 831	126 693	106 608	114 727	7 390
USED PLANT AND EQUIPMENT DO. .	23 788	349	2 042	2 962	7 978	10 410	47
SELECTED OPERATING RATIOS:							
PAYROLL/TOTAL EMPLOYMENT	5 966	7 099	6 761	6 767	5 502	5 506	5 865
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.80	.81	.81	.81	.78	.79	.86
MAN-HOURS/PRODUCTION WORKERS	2 113	2 055	2 221	2 204	2 054	2 066	2 103
PRODUCTION WORKER WAGES/MAN-HOURS	2.58	3.22	2.91	2.89	2.38	2.35	2.66
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.76	.69	.74	.67	.78	.82	.71
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS . . . . .	.55	.51	.52	.49	.58	.59	.46
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	12 577	19 560	14 303	18 711	11 770	9 654	12 894
SALARIES AND WAGES/ADJUSTED VALUE ADDED . . . . .	.47	.36	.47	.36	.47	.57	.45

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

PULP, PAPER, AND BOARD MILLS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries.

SIC Code and Title

- 2611—Pulp Mills
- 2621—Paper Mills, Except Building Paper Mills
- 2631—Paperboard Mills
- 2661—Building Paper and Building Board Mills

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

While there is some overlap in the shipments of products primary to each of the industries in this group, the specialization for this group of industries collectively is very high. In 1963, shipments by mills in this group of industries consisted of 99 percent pulp, paper, and board, and only 1 percent of other products (chiefly converted paper and board products and basic chemicals produced as a byproduct of the pulp operations). These establishments also accounted for approximately 100 percent of the pulp, paper, and board, except hard pressed wood fiberboard, produced in all manufacturing industries. Because of a classification change in 1963, hard pressed wood fiberboard mills are now classified in industry 2499, Wood Products, N.E.C.

2611—PULP MILLS

This industry comprises establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, waste paper, and straw. Logging camps operated by pulp mills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in industry 2411; and pulp mills combined with paper mills or paperboard mills, and not separately reported, are classified in industries 2621 and 2631, respectively. For a detailed list of products of industry 2611, refer to table 6A, product codes 2611111 to 2611289.

The code number for this industry in the 1957 revision of the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the classification system used prior to the 1958 Census of Manufactures.

In the 1963 and 1958 censuses, pulp mills operated in conjunction with paper and board mills at the same location were permitted to file combined reports for such integrated operations. However, in 1954 all pulp mill activity was separately reported whether or not such pulp mill operations were conducted at the same physical location as an associated paper or board mill. This change in treatment has the effect of restricting the reporting of a "pulp mill" for classification in industry 2611 in both the 1963 and 1958 censuses to the following situations:

- (a) Those pulp mills which are not affiliated with any paper and board mills and ship all their products to the market;
- (b) Pulp mills affiliated or associated with a primary paper or board mill but which are separately located from the pulp mill; and
- (c) A few pulp mills affiliated or associated with a primary paper or board mill at the same physical location, where separate departmental records of employment, materials, and fuel costs, shipments, etc., are maintained for the pulp mill from those covering the paper or board mill at that location and the company elected to file such a separate report.

The above-described change in the concept for treating industry 2611 was made effective in 1955, and as a result comparable figures for previous censuses are not available for this industry. To provide historical comparison, table 1 has been prepared to show the old SIC Group 261, Pulp, Paper, and Board, for 1957 and earlier years.

In addition, tall oil, formerly classified in this industry, is now considered primary to industry 2861, Gum and Wood Chemicals, and tall oil fatty acids, also formerly classified in this industry, are now considered primary to industry 2894, Fatty Acids.

Value of shipments and other receipts of the Pulp Mills totaled \$609 million. This amount included shipments of wood pulp and other pulp mill products, except tall oil (primary products) valued at \$539 million, shipments of other products (secondary products) valued at \$69 million, and miscellaneous receipts (all resales) at \$1 million.

This industry's shipments of wood pulp and other pulp mill products represented 88 percent of its total product shipments. The 1958 specialization ratio was 98 percent. Secondary products shipped by this industry consisted almost entirely of paper, paper-board, alkalies and chlorine, and tall oil.

Shipments of wood pulp and other pulp mill products by this industry represented 71 percent of all shipments of these products (\$726 million) by all industries. In 1958 the coverage ratio was 73 percent. Other industries shipping wood pulp consisted mainly of industry 2621, Paper Mills, Except Building, \$127 million, and industry 2631, Paperboard Mills, \$70 million.

The production index for the primary products of the industry increased to 148 in 1963 from the 1958 level of 101. The unit value index for 1963 was 95 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

2621—PAPER MILLS, EXCEPT BUILDING PAPER MILLS

This industry comprises establishments primarily engaged in manufacturing paper (except building paper—industry 2661) from wood pulp and other fibers, and which may also manufacture converted paper products (confined almost exclusively to off-machine paper coating). Pulp mills combined with paper mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted

paper products from purchased paper stock (including interplant transfers) are classified in Group 264 or 265. For a detailed list of products of industry 2621, refer to table 6A, product codes 2621111 to 2621878.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. Whereas in 1954 and previous censuses paper mills, except building, and paperboard mills were treated as a single industry (code 2612 in the 1945 Standard Industrial Classification Manual), establishments primarily producing paper grades, except building paper, now constitute a separate industry, with mills primarily producing paperboard being classified in new SIC industry 2631. Also, pulp mill activities formerly reported separately for integrated mills are now reflected in the general statistics of this industry.

Value of shipments and other receipts of Paper Mills totaled \$3,825 million. This amount included shipments of paper, except building paper (primary products), valued at \$3,420 million, shipments of other products (secondary products) valued at \$372 million, resales at \$17 million, and other miscellaneous receipts at \$15 million.

This industry's shipments of paper, except building paper, by this industry represented 90 percent of all shipments of its total product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry consisted mainly of pulp other than special alpha and dissolving types, \$127 million; special food board, \$64 million; container board, \$58 million; special paperboard, \$20 million; folding boxboard stock, \$15 million; tall oil, \$7 million; and other coated and processed paper, except wrappers, \$9 million.

Shipments of paper, except building paper, by this industry represented 92 percent of all shipments of these products (\$3,724 million) by all industries. In 1958 the coverage ratio was 95 percent. Other industries shipping paper, except building paper (primary products) consisted mainly of industry 2631, Paperboard Mills, \$207 million; and industry 2611, Pulp Mills, \$20 million.

The production index for the primary products of the industry increased to 148 in 1963 from the 1958 level of 116. The unit value index for 1963 was 104 compared to 110 in 1958. Both indexes were computed on a basis of 1954 = 100.

2631—PAPERBOARD MILLS

This industry comprises establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products (confined almost exclusively to pasted, lined, laminated or surface-coated paperboard). Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in Group 264 or 265. For a detailed list of products of industry 2631, refer to table 6A, product codes 2631112 to 2631612.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. Whereas in 1954 and previous censuses paperboard mills and paper mills, except building paper, were treated as a single industry (code 2612 in the 1945 Standard Industrial Classification Manual), establishments primarily producing paperboard now constitute a separate industry, with mills primarily producing paper, except building paper, being classified in new SIC industry 2621. Also, pulp mill activities formerly reported separately for integrated mills are now reflected in the general statistics of this industry.

Value of shipments and other receipts of Paperboard Mills totaled \$2,316 million. This amount included shipments of paperboard (primary products) valued at \$1,994 million, shipments of other products (secondary products) valued at \$310 million, and miscellaneous receipts at \$12 million.

This industry's shipments of paperboard represented 85 percent of its product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry in 1963 consisted primarily of coarse paper, \$137 million; wood pulp other than special alpha and dissolving types, \$70 million; special industrial lumber, \$42 million; other gum and wood chemicals, \$21 million; sanitary tissue and other tissue stock, \$12 million; construction paper, \$8 million; and fine paper, \$6 million.

Shipments of paperboard by this industry represented 90 percent of all shipments of these products (\$2,218 million) by all industries. In 1958 the coverage ratio was 90 percent. Other industries shipping paperboard consisted mainly of industry 2661, Building Paper and Board Mills, \$265 million; industry 2611, Pulp Mills, \$40 million; and industry 2621, Paper Mills, Except Building, \$35 million.

The production index for the primary products of the industry increased to 149 in 1963 from the 1958 level of 115. The unit value index for 1963 was 106 compared to 107 in 1958. Both indexes were computed on a basis of 1954 = 100.

2661—BUILDING PAPER AND BUILDING BOARD MILLS

This industry comprises establishments primarily engaged in the manufacture of building paper and building board, except hard pressed wood fiberboard, from wood pulp and other fibrous materials. Mills primarily producing hard pressed wood fiberboard are classified in industry 2499, Wood Products, N.E.C. In addition, insulation board mills which perform coating operations at their primary mill locations are classified in industry 2952, Asphalt Felts and Coatings. Pulp mills which are combined with building paper and building board mills and are not reported separately, are also included in this industry. Where reported separately, they are classified in industry 2611. For a detailed list of products for 2661, refer to table 6A, product codes 2661112 and 2661212.

Both the code number and content for this industry were changed in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. As noted previously in connection with industry 2611, Pulp Mills, establishments producing pulp at the same physical location as paper or board were not required in the 1958 Census of Manufactures to submit a separate report for the pulp mill operations. This change in the reporting requirements had less effect on the general statistics of mills primarily engaged in producing building paper and board than on those producing paperboard and paper, except building paper.

Because of a change in 1963, mills who primarily produce hard pressed wood fiberboard are no longer classified in this industry but are included in industry 2499, Wood Products, N.E.C.

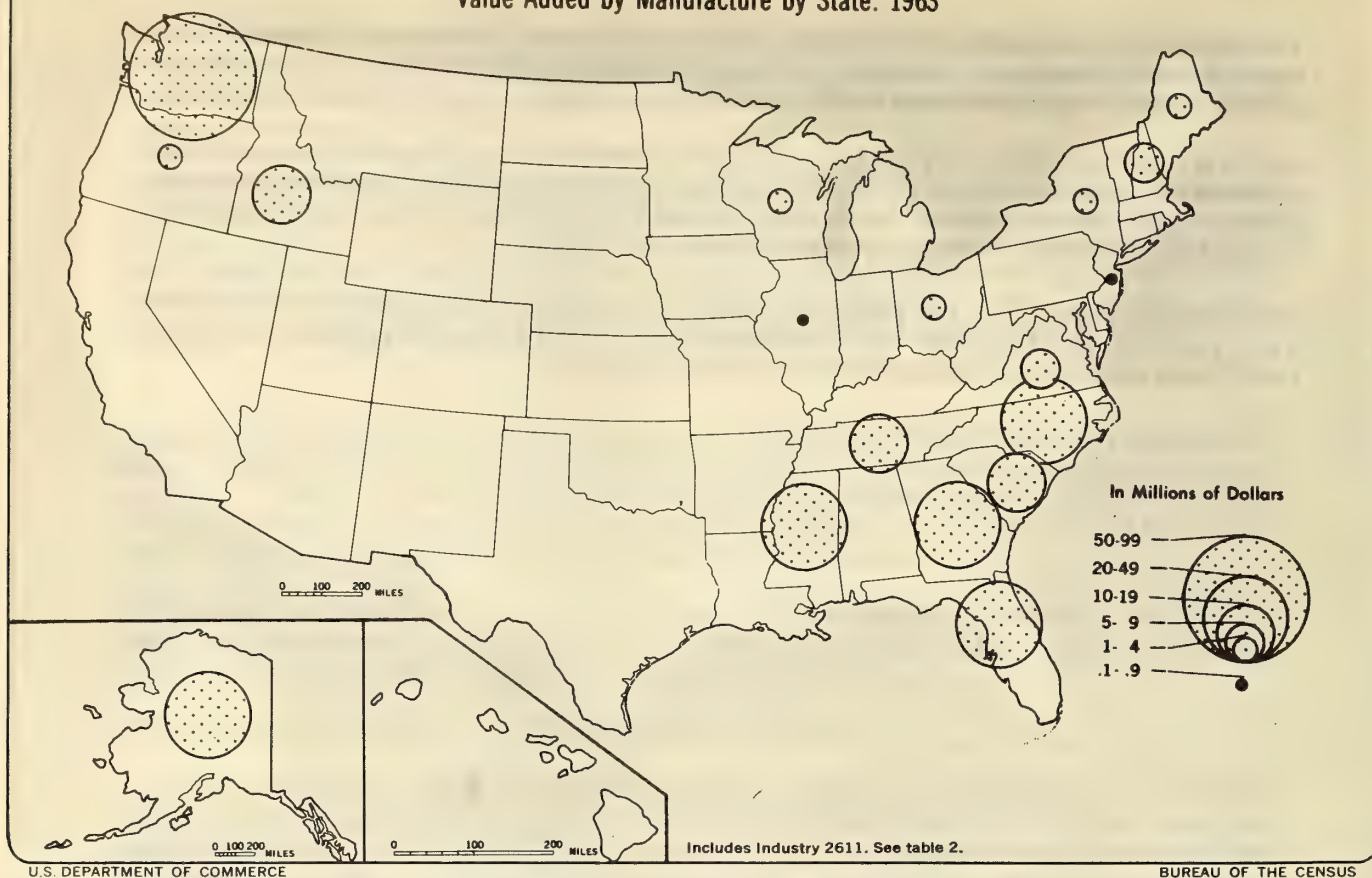
Value of shipments and other receipts of the Building Paper and Board Mills in 1963 totaled \$282 million. This amount included shipments of building paper and board (primary products) valued at \$264 million, shipments of other products (secondary products) valued at \$9 million, and miscellaneous receipts (all resales) at \$8 million.

This industry's shipments of building paper and board represented 97 percent of its total product shipments. Secondary products shipped by this industry consisted mainly of hard pressed wood fiberboard and mineral wool for industrial and equipment insulation.

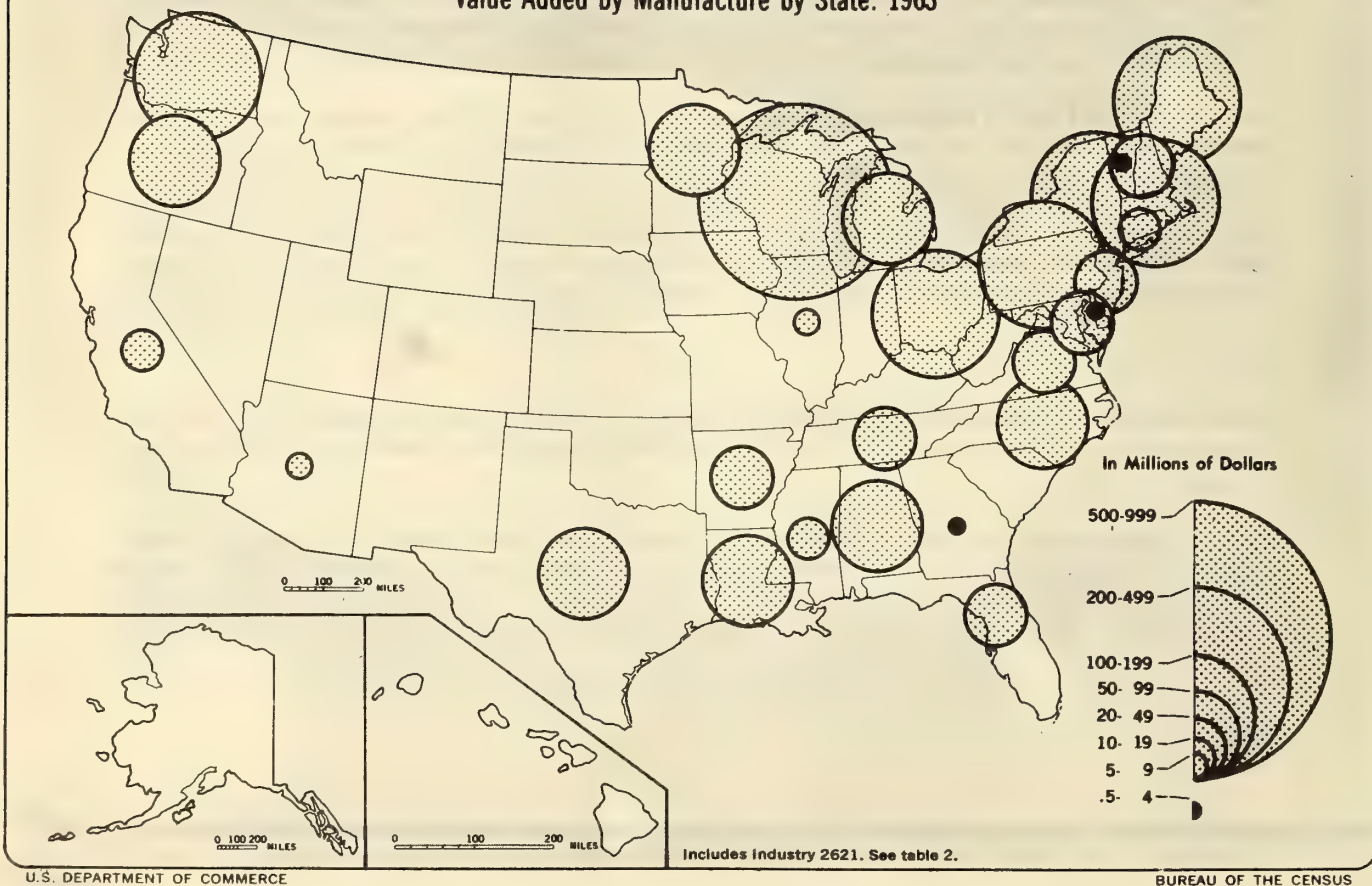
Shipments of building paper and board by this industry represented 88 percent of all shipments of these products (\$300 million) by all industries. Other industries shipping building paper and board consisted mainly of industry 2621, Paper Mills, Except Building, \$13 million, and industry 2631, Paperboard Mills, \$9 million.

The production index for the primary products of the industry increased to 105 in 1963 from the 1958 level of 103. The unit value index for 1963 was 108 compared to 108 in 1958. Both indexes were computed on a basis of 1954 = 100.

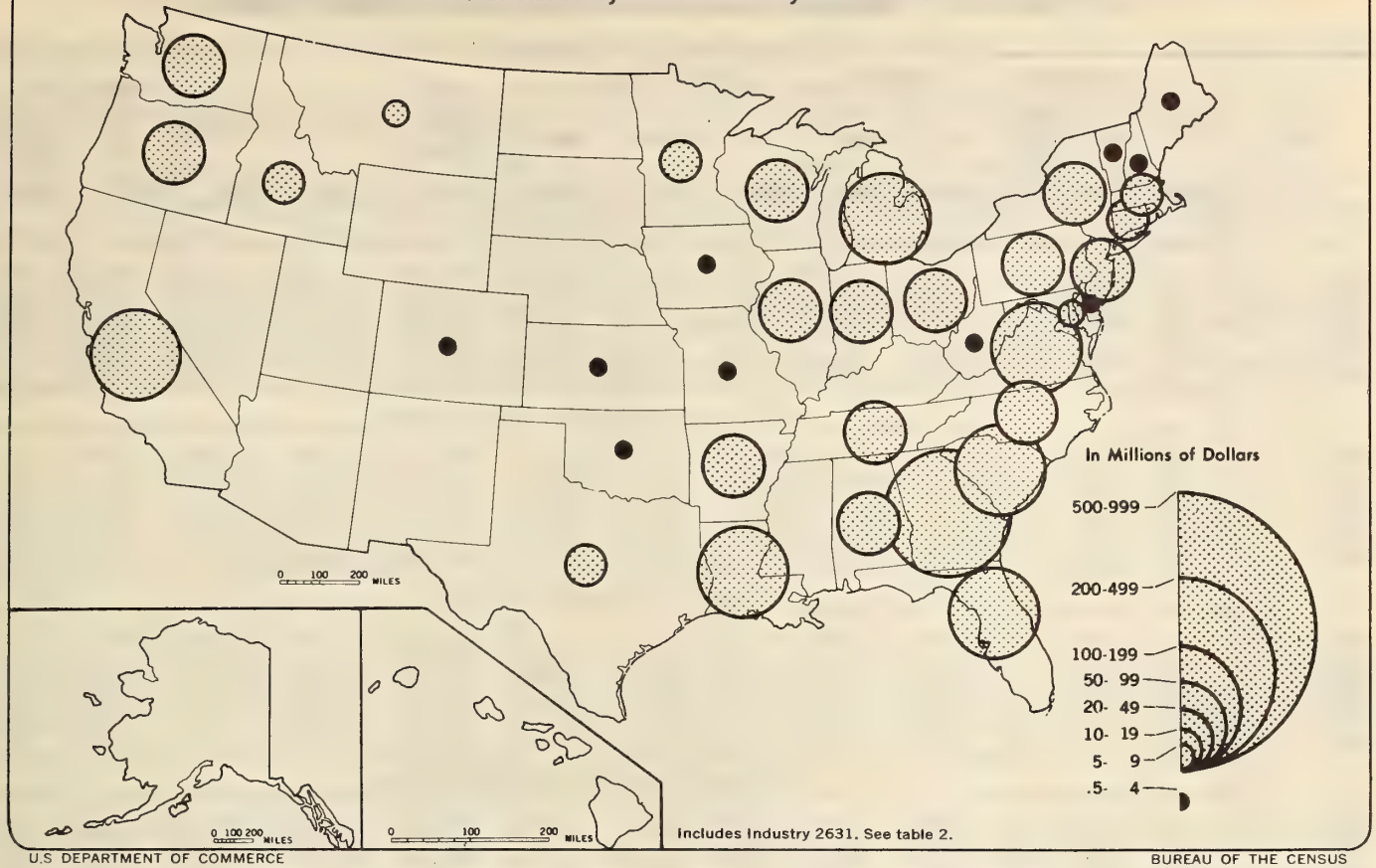
PULP MILLS: SIC 261 **Value Added by Manufacture by State: 1963**



PAPER MILLS, EXCEPT BUILDING: SIC 262 **Value Added by Manufacture by State: 1963**



PAPERBOARD MILLS: SIC 263
Value Added by Manufacture by State: 1963



BUILDING PAPER AND BOARD MILLS: SIC 266
Value Added by Manufacture by State: 1963

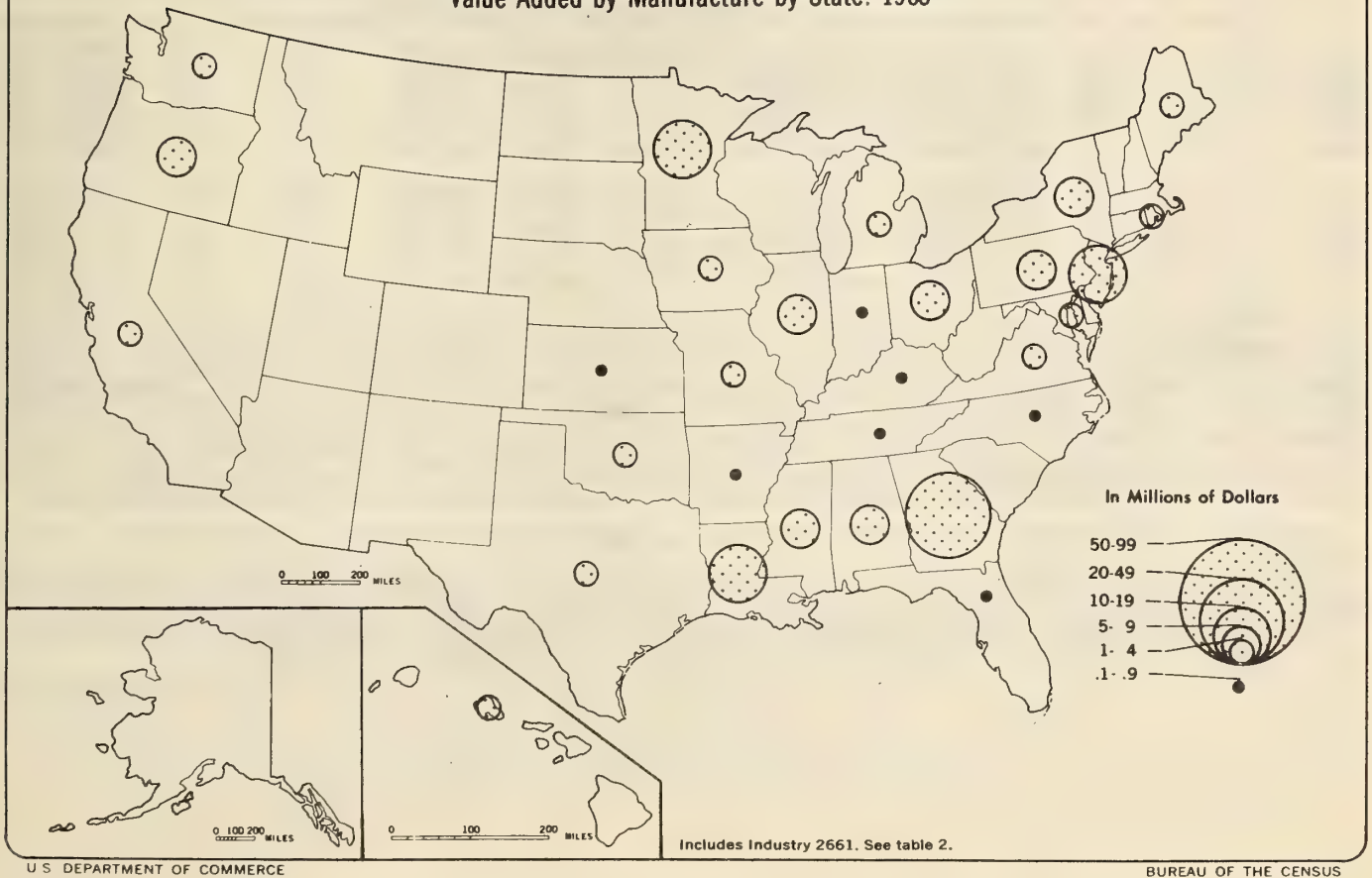


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2611.—PULP MILLS														
1963.....	34	45	40	15,123	107,359	12,242	25,156	81,018	295,804	312,600	609,050	38,899	88	71
1962 ¹	(NA)	(NA)	(NA)	13,949	93,376	11,062	22,969	69,278	195,377	286,648	453,591	33,758	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	13,617	87,860	10,760	22,488	64,548	196,186	270,685	437,601	49,100	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	14,487	89,943	11,533	24,165	66,179	201,192	275,209	471,882	35,248	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	14,463	87,064	11,680	24,511	64,786	224,947	261,604	481,025	91,900	(NA)	(NA)
1958.....	40	59	48	14,171	74,797	11,450	22,648	56,491	196,026	231,002	427,997	42,991	98	73
INDUSTRY 2621.—PAPER MILLS, EXCEPT BUILDING														
1963.....	186	325	313	129,848	877,942	105,636	234,596	682,034	1,857,203	1,970,987	3,824,915	232,779	90	92
1962 ¹	(NA)	(NA)	(NA)	132,348	859,852	108,714	238,277	663,545	1,904,949	1,967,758	3,857,202	277,098	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	132,423	817,960	108,447	237,487	638,057	1,865,237	1,871,634	3,712,941	285,235	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	136,665	820,311	112,702	246,257	629,916	1,876,971	1,887,727	3,754,677	246,474	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	134,799	790,174	111,805	247,826	614,642	1,829,909	1,848,813	3,668,595	214,497	(NA)	(NA)
1958.....	242	354	318	131,334	740,988	109,266	238,433	570,040	1,542,746	1,728,641	3,259,415	258,769	90	95
INDUSTRY 2631.—PAPERBOARD MILLS														
1963.....	146	271	259	63,398	429,017	51,334	113,145	326,960	1,186,224	1,131,197	2,315,954	159,528	87	90
1962 ¹	(NA)	(NA)	(NA)	58,491	382,468	47,108	105,222	293,844	995,400	1,034,216	2,034,577	125,585	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	56,895	360,432	45,741	102,566	275,573	921,173	968,720	1,899,854	108,400	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	58,325	353,779	46,887	105,154	271,080	940,353	925,426	1,882,496	135,713	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	58,481	345,772	47,505	107,918	269,360	907,027	944,283	1,875,646	117,270	(NA)	(NA)
1958.....	149	252	250	57,086	321,765	47,533	102,760	252,164	840,057	855,239	1,690,918	102,100	90	90
INDUSTRY 2661.—BUILDING PAPER AND BOARD MILLS														
1963.....	33	83	77	11,874	69,637	10,158	21,362	56,909	153,103	130,225	281,564	8,065	97	88
1962 ¹	(NA)	(NA)	(NA)	16,724	96,218	13,936	29,728	77,966	203,308	181,247	383,002	13,563	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	16,330	89,911	13,621	28,171	71,107	190,380	162,641	349,867	28,095	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	16,350	85,597	13,746	29,174	60,553	195,498	160,519	353,381	16,991	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,538	90,652	14,906	32,174	74,232	207,661	171,677	376,296	13,047	(NA)	(NA)
1958 ²	³ 130	³ 169	87	16,598	82,219	14,086	30,063	66,487	175,368	156,132	329,808	13,085	95	96
SUM OF ABOVE INDUSTRIES (FORMERLY SIC GROUP 261)														
1963.....	(NA)	724	689	220,243	1,483,955	⁵ 179,370	⁵ 394,259	⁵ 1,146,921	3,492,334	(⁶)	(⁶)	437,878	(X)	(X)
1958 ²	(NA)	834	703	219,189	1,219,769	⁵ 182,335	⁵ 393,904	⁵ 945,182	2,754,197	(⁶)	(⁶)	427,737	(X)	(X)
1957 ¹ 4.....	(NA)	(NA)	(NA)	226,440	1,202,039	188,853	410,620	949,988	2,780,890	(⁶)	(⁶)	584,360	-	-
1956 ¹	(NA)	(NA)	(NA)	226,834	1,169,660	190,414	425,549	927,123	2,797,208	(⁶)	(⁶)	548,476	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	221,961	1,076,514	188,169	422,759	862,978	2,559,070	(⁶)	(⁶)	388,885	(NA)	(NA)
1954.....	(NA)	(NA)	(NA)	216,255	974,866	183,039	401,498	777,832	2,304,785	(⁶)	(⁶)	370,539	(X)	(X)
1953 ¹	(NA)	(NA)	(NA)	217,061	953,721	184,620	411,059	768,137	2,174,890	(⁶)	(⁶)	276,304	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	203,919	850,482	174,063	385,515	687,064	1,995,475	(⁶)	(⁶)	274,001	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	206,664	827,326	177,558	400,325	670,229	2,123,531	(⁶)	(⁶)	262,806	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	197,208	722,565	170,859	385,845	590,411	1,745,776	(⁶)	(⁶)	211,645	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	191,849	(NA)	165,617	360,797	(NA)	1,378,105	(⁶)	(⁶)	212,411	(NA)	(NA)
1947 ⁷	(NA)	(NA)	(NA)	197,893	609,270	174,096	397,452	509,023	1,462,813	(⁶)	(⁶)	290,526	(X)	(X)

Note: See appendix A for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this industry.

²Due to a change in the Standard Industrial Classification, Hard Pressed Wood Fiberboard Mills are no longer classified in this industry, but are included with industry 2499, Wood Products, N.E.C. Therefore, data for earlier years are not directly comparable.

Footnotes continued on next page.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Footnotes for Table 1-26A—Continued

³It was determined that 44 very small establishments accounting in the aggregate for 4,295,000 product shipments had been misclassified as to industry during the 1958 Census of Manufactures and properly should have been assigned to industry 2643, Bags, Except Textile Bags. This affects the total establishment count and the number of establishments in the smaller classes, but has no appreciable effect on the other statistics for this industry.

⁴Because of the changes in content and reporting requirements of the industries making up this group in the 1957 revision of the Standard Industrial Classification Manual (see text), the general statistics for these industries have been combined to provide comparability with the data for 1957 and earlier years. Establishment counts for prior census years are not comparable for the reasons explained in the text for industry 2611.

⁵In the 1958 and 1963 Censuses of Manufactures, a special inquiry was included requesting all pulp mills integrated with paper or board mills at the same physical location to report the average number of production workers employed during 1958 and 1963 in the pulp mill together with the man-hours worked and wages paid such workers. The results are contained in table 9 of this report.

⁶The extent of duplication arising from the shipment of market pulp to paper and board mills and from the transfer of pulp by integrated mills to affiliated or associated paper and board mills located elsewhere make invalid a summarization of the cost of materials or value of shipments on a combined basis for the industries making up this group. Value added by manufacture is free of such duplication and hence represents a valid measure for historical comparison for this combined group of industries.

⁷Data for earlier years are not shown due to a lack of comparability occasioned by the change in the method of reporting converting operations of paper and board mills which was instituted in the 1945 Standard Industrial Classification Manual and made effective with reporting for the year 1947.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2611.—PULP MILLS													
Total.....	45	40	15,123	107,359	12,242	25,156	81,018	295,804	312,600	609,050	38,899	14,171	196,026
Northeast.....	12	9	1,355	7,885	1,186	2,490	6,479	14,940	24,888	40,943	1,137	3,011	28,266
East North Central.....	6	6	541	3,175	469	963	2,628	6,531	8,809	15,324	341	(²)	(²)
South.....	12	11	7,557	52,984	5,869	12,030	38,372	153,676	154,630	308,647	18,691	6,505	94,561
West.....	15	14	5,670	43,315	4,718	9,673	33,539	120,657	124,273	244,136	18,730	3,960	66,554
Washington.....	9	9	3,789	27,441	3,192	6,545	21,325	80,636	82,934	163,333	7,575	3,348	60,078
INDUSTRY 2621.—PAPER MILLS, EXCEPT BUILDING													
Total.....	325	313	129,848	877,942	105,636	234,596	682,034	1,857,203	1,970,987	3,824,915	232,779	131,334	1,542,746
New England.....	88	82	27,200	178,941	21,840	50,250	135,193	347,063	376,292	722,524	42,343	28,608	283,284
Maine.....	16	15	13,526	90,984	10,852	25,022	70,025	190,688	176,849	366,587	30,356	14,187	154,003
New Hampshire.....	16	14	2,290	13,557	1,959	4,323	10,926	20,939	50,561	71,738	1,750	2,401	20,512
Vermont.....	7	6	529	3,284	457	1,088	2,696	3,808	10,844	14,787	254	583	4,352
Massachusetts....	42	41	10,224	66,044	8,030	18,601	47,664	116,780	122,347	238,303	9,390	10,869	95,145
Connecticut.....	7	6	631	5,072	542	1,216	3,882	14,848	15,691	31,109	593	568	9,272
Middle Atlantic....	90	86	24,576	164,042	20,221	45,366	129,458	304,321	392,544	697,745	34,315	24,126	251,231
New York.....	52	49	11,974	77,625	10,163	22,818	63,128	138,748	187,007	324,382	18,216	11,718	116,146
New Jersey.....	13	12	3,057	19,984	2,329	5,095	15,273	47,378	47,775	95,375	2,974	3,718	34,718
Pennsylvania.....	25	25	9,545	66,433	7,729	17,453	51,057	118,195	157,762	277,988	11,795	9,434	100,367
East North Central.....	83	82	31,619	222,097	25,898	58,509	172,146	455,407	503,266	952,703	60,820	32,661	369,169
Ohio.....	17	17	7,508	54,952	6,054	14,284	42,045	124,324	119,542	241,654	10,705	8,600	92,478
Michigan.....	21	21	5,467	40,149	4,476	10,338	31,217	75,347	108,331	182,846	6,125	5,404	57,890
Wisconsin.....	40	39	18,120	123,345	14,932	32,918	96,266	248,640	266,368	512,336	43,638	(²)	(²)
West North Central.....	5	5	4,747	30,735	3,841	8,559	24,015	54,476	60,051	114,187	11,650	2,990	31,365
Minnesota.....	5	5	4,747	30,735	3,841	8,559	24,015	54,476	60,051	114,187	11,650	2,990	31,365
South Atlantic.....	16	16	12,202	79,602	9,412	21,312	58,982	183,170	161,138	344,051	17,423	13,640	172,782
Delaware.....	3	3	195	1,443	163	377	1,144	2,422	4,294	6,705	169	187	2,948
Virginia.....	3	3	2,052	11,851	1,572	3,289	8,415	32,443	29,888	62,719	3,936	(²)	(²)
North Carolina....	4	4	5,369	34,318	4,118	9,431	24,766	77,473	63,201	140,494	6,935	(²)	(²)
East South Central.....	9	9	9,554	68,893	7,983	16,971	54,785	160,617	152,051	313,804	20,021	9,348	137,630
Alabama.....	4	4	5,399	39,116	4,535	9,577	31,253	92,117	79,380	171,941	11,207	5,170	71,462
West South Central.....	12	11	8,669	57,202	6,908	14,203	45,719	136,942	113,741	249,546	28,627	9,975	134,293
Arkansas.....	3	3	2,229	14,683	1,924	3,762	11,975	33,275	30,159	63,432	15,296	(²)	(²)
West.....	22	22	11,281	76,430	9,533	19,426	61,736	215,207	211,904	430,355	17,580	9,986	162,992
Washington.....	12	12	7,332	48,727	6,205	12,501	39,376	137,088	126,218	263,680	11,634	6,278	102,313
Oregon.....	4	4	2,781	19,118	2,382	4,871	15,591	53,795	40,710	95,581	4,627	3,094	52,846
Subindustry 262112.—Paper mills, except building, integrated with pulp-making facilities													
Total.....	102	102	85,108	580,932	69,499	152,465	456,978	1,254,955	1,180,647	2,434,908	166,479	(NA)	(NA)
New England.....	14	14	13,340	89,959	10,643	24,901	68,876	180,093	158,823	338,209	29,309	(NA)	(NA)
Middle Atlantic....	21	21	13,749	92,818	11,499	25,589	74,407	159,128	191,515	351,411	19,569	(NA)	(NA)
New York.....	12	12	6,861	45,226	5,863	12,957	37,780	80,245	99,811	179,158	12,416	(NA)	(NA)
North Central.....	30	30	21,676	148,374	17,832	39,372	116,774	297,181	296,184	590,921	42,161	(NA)	(NA)
Michigan.....	5	5	1,449	11,052	1,215	2,789	9,013	19,996	30,678	50,641	1,332	(NA)	(NA)
Wisconsin.....	20	20	14,249	97,999	11,716	25,671	76,634	195,980	197,196	390,904	29,614	(NA)	(NA)
South.....	23	23	26,747	184,485	21,368	46,020	143,836	435,130	376,969	811,415	60,324	(NA)	(NA)
Alabama.....	4	4	5,399	39,116	4,535	9,577	31,253	92,117	79,380	171,941	11,207	(NA)	(NA)
Arkansas.....	3	3	2,229	14,683	1,924	3,762	11,975	33,275	30,159	63,432	15,296	(NA)	(NA)
West.....	14	14	9,596	65,296	8,157	16,583	53,085	183,423	157,156	342,952	15,116	(NA)	(NA)
Oregon.....	4	4	2,781	19,118	2,382	4,871	15,591	53,795	40,710	95,581	4,627	(NA)	(NA)
Subindustry 262114.—Paper mills, except building, not integrated with pulp-making facilities													
Total.....	223	211	44,740	297,010	36,137	82,131	225,056	602,248	790,340	1,390,007	66,300	(NA)	(NA)
Northeast.....	74	68	13,860	88,982	11,197	25,349	66,317	166,970	217,469	384,315	13,034	(NA)	(NA)
Vermont.....	7	6	529	3,284	457	1,088	2,696	3,808	10,844	14,787	254	(NA)	(NA)
Connecticut.....	7	6	631	5,072	542	1,216	3,882	14,848	15,691	31,109	593	(NA)	(NA)
Middle Atlantic....	69	65	10,827	71,224	8,722	19,777	55,051	145,193	201,029	346,334	14,746	(NA)	(NA)
New York.....	40	37	5,113	32,399	4,300	9,861	25,348	58,503	87,196	145,224	5,800	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more (number)	Total	Payroll	Total	Man-hours	Wages						
(number)	(number)	(number)	(number)	(number)	(number)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(number)	(1,000)
Subindustry 262114.—Paper mills, except building, not integrated with pulp-making facilities—Continued													
North Central.....	58	57	14,690	104,458	11,907	27,696	79,387	212,702	267,133	475,969	30,309	(NA)	(NA)
Michigan.....	16	16	4,018	29,097	3,261	7,549	22,204	55,351	77,653	132,205	4,793	(NA)	(NA)
Wisconsin.....	20	19	3,871	25,346	3,216	7,247	19,632	52,660	69,172	121,432	14,024	(NA)	(NA)
South.....	14	13	3,678	21,212	2,935	6,466	15,650	45,599	49,961	95,986	5,747	(NA)	(NA)
Delaware.....	3	3	195	1,443	163	377	1,144	2,422	4,294	6,705	169	(NA)	(NA)
Pacific.....	8	8	1,685	11,134	1,376	2,843	8,651	31,784	54,748	87,403	2,464	(NA)	(NA)
INDUSTRY 2631.—PAPERBOARD MILLS													
Total.....	271	259	63,398	429,017	51,334	113,145	326,960	1,186,224	1,131,197	2,315,954	159,528	57,086	840,057
New England.....	34	32	3,710	23,663	2,995	6,795	17,816	41,394	45,052	85,670	4,046	3,949	36,953
Massachusetts.....	11	11	1,426	9,223	1,179	2,745	7,107	16,114	15,163	31,042	1,000	1,447	11,958
Connecticut.....	12	12	1,618	10,834	1,243	2,806	7,745	18,081	22,959	40,517	2,690	1,674	17,232
Middle Atlantic....	66	63	7,815	53,516	6,410	15,307	41,364	98,843	120,328	218,882	12,571	8,512	101,402
New York.....	28	27	2,583	16,409	2,284	5,042	12,934	25,943	38,846	64,708	5,188	3,019	26,141
New Jersey.....	21	19	2,735	19,297	2,123	5,492	15,084	38,808	44,642	83,452	4,173	2,899	41,912
Pennsylvania.....	17	17	2,497	17,810	2,003	4,773	13,346	34,092	36,840	70,722	3,210	2,594	33,349
East North Central.	69	67	12,115	83,169	9,925	23,024	65,358	189,150	197,021	385,864	10,926	12,917	170,273
Indiana.....	9	9	1,574	10,320	1,281	2,966	7,863	22,419	20,962	43,176	(D)	(2)	(2)
Illinois.....	15	15	2,192	14,621	1,755	3,678	10,747	28,950	30,825	59,837	2,301	2,447	29,367
West North Central.	7	7	1,296	8,153	1,036	2,277	6,040	21,305	17,880	39,333	1,853	1,354	22,523
South Atlantic.....	44	41	21,362	142,516	17,211	36,353	105,614	465,756	422,485	888,310	88,452	17,606	280,141
Virginia.....	9	9	4,585	30,466	3,655	8,069	22,638	88,798	76,711	165,602	19,731	(2)	(2)
South Carolina....	5	3	3,587	25,149	2,925	6,226	18,856	76,589	73,235	150,294	19,580	3,657	55,190
Georgia.....	11	10	6,720	44,977	5,307	11,222	33,295	171,155	138,712	309,525	36,053	(2)	(2)
Florida.....	7	7	3,919	26,395	3,092	5,975	18,225	83,694	89,572	173,055	10,046	(2)	(2)
East South Central.	11	10	2,834	20,160	2,119	4,841	14,599	60,264	61,463	120,667	4,100	1,253	15,987
Tennessee.....	6	5	1,127	7,006	751	1,709	4,681	23,915	20,002	44,180	1,227	(2)	(2)
Alabama.....	5	5	1,707	13,154	1,368	3,132	9,918	36,349	41,461	76,487	2,873	(2)	(2)
West South Central.	11	11	7,944	52,816	6,471	13,595	41,076	157,034	131,642	288,557	16,382	6,150	86,714
Louisiana.....	5	5	5,471	35,956	4,462	8,958	28,194	91,261	79,044	170,313	12,675	(2)	(2)
West.....	29	28	6,322	45,024	5,167	10,953	35,093	152,478	135,326	288,671	21,198	5,345	126,064
Oregon.....	5	5	1,154	8,373	919	1,918	6,190	31,048	25,285	56,571	11,775	691	17,072
California.....	16	15	2,568	17,649	2,120	4,550	14,068	52,418	49,671	102,163	2,336	2,481	36,261
Subindustry 263112.—Paperboard mills, integrated with pulp-making facilities													
Total.....	63	62	37,238	253,938	29,696	62,393	188,899	821,653	695,564	1,517,174	114,626	(NA)	(NA)
Northeast.....	4	3	736	4,870	629	1,410	3,876	7,702	9,977	17,615	424	(NA)	(NA)
North Central.....	13	13	3,836	26,096	2,946	6,421	18,651	80,603	60,757	141,445	4,282	(NA)	(NA)
South Atlantic.....	22	22	19,072	128,579	15,225	31,652	94,104	432,495	382,626	815,578	71,963	(NA)	(NA)
Virginia.....	5	5	4,021	27,612	3,194	6,941	20,256	81,993	65,786	148,175	(D)	(NA)	(NA)
East South Central.	6	6	2,259	16,534	1,658	3,731	11,998	52,285	51,466	102,688	3,659	(NA)	(NA)
West South Central.	7	7	7,362	49,143	6,012	12,491	38,336	144,690	111,523	256,259	15,900	(NA)	(NA)
West.....	11	11	3,973	28,716	3,226	6,688	21,934	103,878	79,215	183,589	18,398	(NA)	(NA)
Oregon.....	5	5	1,154	8,373	919	1,918	6,190	31,048	25,285	56,571	11,775	(NA)	(NA)
Subindustry 263114.—Paperboard mills, not integrated with pulp-making facilities													
Total.....	208	197	26,160	175,079	21,638	50,752	138,061	364,571	435,633	798,780	44,902	(NA)	(NA)
New England.....	96	92	10,789	72,309	8,776	20,692	55,304	132,535	155,403	286,937	16,193	(NA)	(NA)
Massachusetts.....	11	11	1,426	9,223	1,179	2,745	7,107	16,114	15,163	31,042	1,000	(NA)	(NA)
Connecticut.....	12	12	1,618	10,834	1,243	2,806	7,745	18,081	22,959	40,517	2,690	(NA)	(NA)
Pennsylvania.....	17	17	2,497	17,810	2,003	4,773	13,346	34,092	36,840	70,722	3,210	(NA)	(NA)
North Central.....	63	61	9,575	65,226	8,015	18,880	52,747	129,852	154,144	283,752	8,497	(NA)	(NA)
South Atlantic.....	22	19	2,290	13,937	1,986	4,701	11,510	33,261	39,859	72,732	16,489	(NA)	(NA)
Virginia.....	4	4	564	2,854	461	1,128	2,382	6,805	10,925	17,427	(D)	(NA)	(NA)
East South Central.	5	4	575	3,626	461	1,110	2,601	7,979	9,997	17,979	441	(NA)	(NA)
West South Central.	4	4	582	3,673	459	1,104	2,740	12,344	20,119	32,298	482	(NA)	(NA)
West.....	18	17	2,349	16,308	1,941	4,265	13,159	48,600	56,111	105,082	2,800	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2661.—BUILDING PAPER AND BOARD MILLS													
Total.....	83	77	11,874	69,637	10,158	21,362	56,909	153,103	130,225	281,564	8,065	16,598	175,368
Northeast.....	17	17	2,660	16,405	2,183	4,612	12,910	34,916	33,670	68,703	1,613	(S)	(S)
Pennsylvania.....	6	6	569	3,424	479	1,049	2,798	8,255	8,942	17,371	276	(2)	(2)
East North Central.....	17	17	1,374	8,170	1,131	2,401	6,664	17,013	19,852	36,855	598	(2)	(2)
Ohio.....	4	4	389	2,350	319	715	1,920	5,651	5,726	11,540	249	715	8,021
Illinois.....	10	10	687	4,285	584	1,213	3,613	7,371	9,879	17,222	253	(2)	(2)
West North Central.....	8	6	1,523	8,381	1,359	2,759	6,790	18,289	15,440	33,426	779	(2)	(2)
South.....	27	26	4,869	28,348	4,194	8,999	23,441	65,892	46,690	111,640	3,516	(S)	(S)
Texas.....	6	5	202	1,076	176	382	915	1,953	1,671	3,621	13	(2)	(2)
Pacific.....	14	11	1,448	8,333	1,291	2,591	7,104	16,993	14,573	30,940	1,559	(2)	(2)
Oregon.....	6	3	578	3,483	521	1,137	3,050	7,695	6,550	14,159	1,410	659	7,215
Subindustry 266112.—Building paper and board mills, integrated with pulp-making facilities													
Total.....	50	49	9,907	58,713	8,498	18,075	48,191	130,633	108,676	237,591	6,157	(NA)	(NA)
Northeast.....	11	11	1,799	11,000	1,486	3,185	8,720	22,737	23,896	46,766	1,243	(NA)	(NA)
North Central.....	16	16	2,612	15,147	2,259	4,680	12,366	32,478	31,521	63,521	1,302	(NA)	(NA)
Illinois.....	7	7	582	3,711	500	1,025	3,187	6,293	8,033	14,289	(D)	(NA)	(NA)
South.....	18	17	4,527	26,834	3,889	8,371	22,159	63,186	42,643	105,001	3,475	(NA)	(NA)
Pacific.....	5	5	969	5,732	864	1,839	4,946	12,232	10,616	22,303	137	(NA)	(NA)
Subindustry 266114.—Building paper and board mills, not integrated with pulp-making facilities													
Total.....	33	28	1,967	10,924	1,660	3,287	8,718	22,470	21,549	43,973	1,908	(NA)	(NA)
Middle Atlantic....	6	6	861	5,405	697	1,427	4,190	12,179	9,774	21,937	370	(NA)	(NA)
North Central.....	9	7	285	1,404	231	480	1,088	2,824	3,771	6,760	75	(NA)	(NA)
Illinois.....	3	3	105	574	84	188	426	1,078	1,846	2,933	(D)	(NA)	(NA)
South.....	9	9	342	1,514	305	628	1,282	2,706	4,047	6,639	41	(NA)	(NA)
Pacific.....	9	6	479	2,601	427	752	2,158	4,761	3,957	8,637	1,422	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2611, Pulp Mills: New England—Maine, 3 (549); New Hampshire, 2 (500-999); Middle Atlantic—New York, 5 (246); New Jersey, 2 (20-99); East North Central—Ohio, 2 (20-99); Illinois, 1 (20-99); Wisconsin, 3 (401); South Atlantic—Virginia, 1 (500-999); North Carolina, 1 (1,000-2,499); South Carolina, 2 (500-999); Georgia, 2 (1,000-2,499); Florida, 2 (1,000-2,499); East South Central—Tennessee, 2 (500-999); Mississippi, 1 (1,000-2,499); West South Central—Texas, 1 (1-19); Mountain—Idaho, 1 (250-499); Pacific—Oregon, 2 (100-249); California, 1 (1-19); Alaska, 2 (1,000-2,499).

SIC 2621, Paper mills, except building: East North Central—Indiana, 1 (20-99); Illinois, 4 (250-499); South Atlantic—Maryland, 1 (1,000-2,499); West Virginia, 2 (20-99); Georgia, 1 (20-99); Florida, 2 (1,000-2,499); East South Central—Tennessee, 3 (2,500-4,999); Mississippi, 2 (1,000-2,499); West South Central—Louisiana, 6 (2,500-4,999); Texas, 3 (2,500-4,999); Mountain—Arizona, 1 (250-499); Pacific—California, 5 (500-999).

Subindustry 262112, Paper mills, except building, integrated with pulp mill facilities: New England—Maine, 12 (10,000 and over); New Hampshire, 1 (250-499); Massachusetts, 1 (500-999); Middle Atlantic—New Jersey, 1 (100-249); Pennsylvania, 8 (5,000-9,999); East North Central—Ohio, 1 (1,000-2,499); West North Central—Minnesota, 4 (2,500-4,999); South Atlantic—Maryland, 1 (1,000-2,499); Virginia, 1 (1,000-2,499); North Carolina, 2 (2,500-4,999); Florida, 2 (1,000-2,499); East South Central—Tennessee, 2 (1,000-2,499); Mississippi, 1 (1,000-2,499); West South Central—Louisiana, 5 (2,500-4,999); Texas, 2 (1,000-2,499); Mountain—Arizona, 1 (250-499); Pacific—Washington, 9 (5,000-9,999).

Subindustry 262114, Paper mills, except building, not integrated with pulp mill facilities: New England—Maine, 4 (1,000-2,499); New Hampshire, 12 (1,000-2,499); Massachusetts, 41 (5,000-9,999); Middle Atlantic—New Jersey, 12 (2,500-4,999); Pennsylvania, 17 (2,500-4,999); East North Central—Ohio, 16 (5,000-9,999); Indiana, 1 (20-99); Illinois, 4 (250-499); West North Central—Minnesota, 1 (500-999); South Atlantic—Virginia, 2 (500-999); West Virginia, 2 (20-99); North Carolina, 2 (1,000-2,499); Georgia, 1 (20-99); East South Central—Tennessee, 1 (250-499); Mississippi, 1 (20-99); West South Central—Louisiana, 1 (1-19); Texas, 1 (100-249); Pacific—Washington, 3 (500-999); California, 5 (500-999).

SIC 2631, Paperboard Mills: New England—Maine, 4 (100-249); New Hampshire, 6 (100-249); Vermont, 1 (250-499); East North Central—Ohio, 22 (2,500-4,999); Michigan, 17 (2,500-4,999); Wisconsin, 6 (1,495); West North Central—Minnesota, 2 (500-999); Iowa, 2 (250-499); Missouri, 1 (20-99); Kansas, 2 (250-499); South Atlantic—Delaware, 1 (20-99); Maryland, 4 (500-999); West Virginia, 3 (250-499); North Carolina, 4 (1,717); West South Central—Arkansas, 1 (1,000-2,449); Oklahoma, 2 (100-249); Texas, 3 (1,090); Mountain—Montana, 1 (100-249); Idaho, 1 (250-499); Colorado, 1 (20-99); Pacific—Washington, 5 (1,000-2,499).

Subindustry 263112, Paperboard mills, integrated with pulp-making facilities: New England—Maine, 1 (250-499); Vermont, 1 (250-499); Middle Atlantic—New York, 1 (100-249); New Jersey, 2 (250-499); East North Central—Ohio, 2 (250-499); Indiana, 2 (250-499); Illinois, 1 (500-999); Michigan, 3 (500-999); Wisconsin, 3 (500-999); West North Central—Minnesota, 1 (500-999); Iowa, 1 (100-249); South Atlantic—North Carolina, 2 (1,000-2,499); South Carolina, 2 (2,500-4,999); Georgia, 8 (5,000-9,999); Florida, 5 (2,500-4,999); East South Central—Tennessee, 3 (500-999); Alabama, 3 (1,000-2,499); West South Central—Arkansas, 1 (1,000-2,499); Louisiana, 4 (5,000-9,999); Oklahoma, 1 (100-249); Texas, 1 (500-999); Mountain—Montana, 1 (100-249); Pacific—Washington, 3 (1,000-2,499); California, 2 (500-999).

Subindustry 263114, Paperboard mills, not integrated with pulp-making facilities: New England—Maine, 4 (100-249); New Hampshire, 6 (100-249); Middle Atlantic—New York, 27 (1,000-2,499); New Jersey, 19 (1,000-2,499); East North Central—Ohio, 20 (2,500-4,999); Indiana, 7 (1,000-2,499); Illinois, 14 (1,000-2,499); Michigan, 14 (2,500-4,999); Wisconsin, 3 (500-999); West North Central—Minnesota, 1 (100-249); Iowa, 1 (100-249); Missouri, 1 (20-99); Kansas, 2 (250-499); South Atlantic—Delaware, 1 (20-99); Maryland, 4 (500-999); West Virginia, 3 (250-499); North Carolina, 2 (100-249); South Carolina, 3 (250-499); Georgia, 3 (100-249); Florida, 2 (100-249); East South Central—Tennessee, 3 (250-499); Alabama, 2 (100-249);

Footnotes continued on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2—26A—Continued

West South Central—Louisiana, 1 (100-249); Oklahoma, 1 (20-99); Texas, 2 (250-499); Mountain—Idaho, 1 (250-499); Colorado, 1 (20-99); Pacific—Washington, 2 (100-249); California, 14 (1,000-2,499).

SIC 2661, Building Paper and Board Mills: New England—Maine, 2 (250-499); Rhode Island, 1 (100-249); Middle Atlantic—New York, 2 (500-999); New Jersey, 7 (1,000-2,499); East North Central—Indiana, 2 (20-99); Michigan, 1 (100-249); West North Central—Minnesota, 1 (1,000-2,499); Iowa, 1 (100-249); Missouri, 4 (100-249); Nebraska, 1 (1-19); Kansas, 1 (20-99); South Atlantic—Maryland, 1 (100-249); Virginia, 1 (250-499); North Carolina, 2 (20-99); Florida, 3 (1,000-2,499); East South Central—Kentucky, 1 (20-99); Tennessee, 2 (20-49); Alabama, 2 (500-999); Mississippi, 2 (500-999); West South Central—Arkansas, 2 (20-99); Louisiana, 3 (1,000-2,499); Oklahoma, 1 (100-249); Pacific—Washington, 1 (250-499); California, 6 (250-499); Hawaii, 1 (100-249).

Subindustry 266112, Building paper and board mills, integrated with pulp-making facilities: New England—Maine, 1 (100-249); Rhode Island, 1 (100-249); Middle Atlantic—New York, 2 (500-999); New Jersey, 4 (500-999); Pennsylvania, 3 (250-499); East North Central—Ohio, 3 (250-499); Indiana, 1 (20-99); Michigan, 1 (100-249); West North Central—Minnesota, 1 (1,000-2,499); Iowa, 1 (100-249); Missouri, 2 (20-99); South Atlantic—Maryland, 1 (100-249); Virginia, 1 (250-499); Georgia, 3 (1,000-2,499); East South Central—Tennessee, 1 (20-99); Alabama, 2 (500-999); Mississippi, 2 (500-999); West South Central—Louisiana, 3 (1,000-2,499); Oklahoma, 1 (100-249); Texas, 4 (100-249); Pacific—Washington, 1 (250-499); Oregon, 2 (500-999); California, 2 (100-249).

Subindustry 266114, Building paper and board mills, not integrated with pulp-making facilities: Middle Atlantic—New Jersey, 3 (500-999); Pennsylvania, 3 (100-249); East North Central—Ohio, 1 (20-99); Indiana, 1 (20-99); West North Central—Missouri, 2 (20-99); Nebraska, 1 (1-19); Kansas, 1 (20-99); South Atlantic—North Carolina, 2 (20-99); Florida, 1 (20-99); East South Central—Kentucky, 1 (20-99); Tennessee, 1 (20-99); West South Central—Arkansas, 2 (20-99); Texas, 2 (20-99); Pacific—Oregon, 4 (20-99); California, 4 (100-249); Hawaii, 1 (100-249).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Pulp mills (SIC 2611)	Paper mills, except building (SIC 2621)		Paperboard mills (SIC 2631)		Building paper and board mills (SIC 2661)	
		Integrated with a pulp mill facility (262112)	Not integrated with a pulp mill facility (262114)	Integrated with a pulp mill facility (263112)	Not integrated with a pulp mill facility (263114)	Integrated with a pulp mill facility (266112)	Not integrated with a pulp mill facility (266114)
Primary product specialization ratio ¹.....	.88	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Coverage ratio ².....	.71	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments, total.....number..	45	102	223	63	208	50	33
With 1 to 19 employees.....do....	5	-	12	1	11	1	5
With 20 to 99 employees.....do....	13	3	80	-	96	23	24
With 100 employees or more.....do....	27	99	131	62	101	26	4
Proprietors and working partners.....do....	1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All employees (average for the year).....do....	15,123	85,108	44,740	37,238	26,160	9,907	1,967
Payroll (all employees), total for year.....\$1,000..	107,359	580,932	297,010	253,938	175,079	58,713	10,924
Production workers:							
Average for the year.....number..	12,242	69,499	36,137	29,696	21,638	8,498	1,660
March.....do....	11,515	68,978	36,121	29,684	21,698	8,277	1,546
May.....do....	12,339	69,436	36,088	29,990	21,619	8,479	1,891
August.....do....	12,683	70,668	36,013	30,585	21,547	8,757	1,761
November.....do....	12,444	68,893	36,300	28,602	21,679	8,459	1,654
Man-hours.....1,000..	25,156	152,465	82,131	62,393	50,752	18,075	3,287
January-March.....do....	6,239	37,966	20,803	15,523	12,663	4,467	766
April-June.....do....	6,347	38,061	20,993	15,534	12,815	4,491	826
July-September.....do....	6,202	38,266	19,816	15,322	12,562	4,604	881
October-December.....do....	6,368	38,174	20,522	16,014	12,714	4,511	819
Wages.....\$1,000..	81,018	456,978	225,056	188,899	138,061	48,191	8,718
Cost of materials, etc., total.....do....	312,600	1,180,647	790,340	695,564	435,633	108,676	21,549
Materials, parts, containers, and supplies consumed.....do....	278,706	1,030,580	719,434	611,177	377,215	84,318	17,140
Cost of resales.....do....	11	11,327	2,390	1,556	1,897	5,270	1,286
Fuels consumed.....do....	23,930	93,121	36,508	67,630	39,341	9,848	1,910
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	1,413	6,296	2,807	1,768	1,656	1,052	85
Cost.....\$1,000..	7,099	43,850	29,362	14,147	16,690	9,230	1,078
Generated less sold.....million kw.-hrs..	1,684	8,842	1,499	7,084	1,523	87	(D)
Contract work.....\$1,000..	2,854	1,769	2,646	1,054	490	10	135
Value of shipments (including resales), total.....do....	609,050	2,434,908	1,390,007	1,517,174	798,780	237,591	43,973
Value of resales.....do....	496	10,386	6,663	1,607	2,410	6,436	1,470
Value added by manufacture, adjusted.....do....	295,804	1,254,955	602,248	821,653	364,571	130,633	22,470
Manufacturers' inventories:							
Beginning of year, total.....do....	70,244	253,064	164,849	97,244	54,618	21,709	3,630
Finished products.....do....	19,830	59,353	56,423	22,294	14,368	8,278	1,631
Work-in-process.....do....	4,426	19,946	18,080	3,062	3,424	2,417	231
Materials, supplies, fuel, etc.....do....	45,988	173,765	90,346	71,888	36,826	11,014	1,768
End of year, total.....do....	65,404	257,248	172,971	95,349	54,536	22,794	3,701
Finished products.....do....	19,425	62,563	58,324	20,912	15,892	10,170	1,651
Work-in-process.....do....	4,220	19,701	18,760	3,999	3,324	2,243	257
Materials, supplies, fuel, etc.....do....	41,759	174,984	95,887	70,438	35,320	10,381	1,793
Expenditures for plant and equipment, total.....do....	39,248	167,680	67,141	116,803	45,687	6,162	1,950
New, total.....do....	38,899	166,479	66,300	114,626	44,902	6,157	1,908
New structures and additions to plant.....do....	7,454	19,663	10,285	26,436	6,399	502	173
New machinery and equipment.....do....	31,445	146,816	56,015	88,190	38,503	5,655	1,735
Used plant and equipment.....do....	349	1,201	841	2,177	785	5	42
Selected operating ratios:							
Payroll/Total employment.....	7,099	6,826	6,638	6,836	6,693	5,926	13,030
Production workers/Total employment.....	.81	.82	.81	.80	.83	.86	.87
Man-hours/Production workers.....	2,055	2,194	2,273	2,105	2,346	2,127	1,938
Production worker wages/Man-hours.....	3.22	3.00	2.74	3.03	2.72	2.67	2.50
Cost of materials and payrolls/Total value of shipments....	.69	.72	.78	.63	.76	.70	.76
Cost of materials/Total value of shipments.....	.51	.48	.57	.46	.55	.46	.53
Adjusted value added/Total employment.....	19,560	14,745	13,461	22,014	13,936	13,186	10,460
Salaries and wages/Adjusted value added.....	.36	.46	.49	.31	.48	.45	.49

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See appendix A for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2611.—PULP MILLS											
Establishments.....number..	45	2	2	1	6	7	5	11	8	3	-
All employees:											
Total.....do....	15,123	31	(D)	(D)	215	454	749	4,442	5,511	3,721	-
Payroll.....\$1,000..	107,359	197	(D)	(D)	1,260	2,848	4,921	31,121	40,414	26,598	-
Value added, adjusted.....do....	295,804	398	(D)	(D)	2,945	5,471	11,754	94,132	114,524	66,580	-
Value of shipments.....do....	609,050	1,550	(D)	(D)	7,744	14,148	27,934	187,218	232,082	138,374	-
Capital expenditures, new...do....	38,899	18,869	(D)	(D)	471	988	436	4,698	13,145	10,292	-
INDUSTRY 2621.—PAPER MILLS, EXCEPT BUILDING											
Establishments.....number..	325	4	2	6	35	48	85	56	56	32	1
All employees:											
Total.....do....	129,848	18	(D)	103	1,172	3,543	13,684	19,988	38,703	52,637	(D)
Payroll.....\$1,000..	877,942	164	(D)	518	6,858	22,493	87,970	136,246	262,257	361,436	(D)
Value added, adjusted.....do....	1,857,203	125	(D)	755	15,299	45,501	176,344	265,045	597,841	756,293	(D)
Value of shipments.....do....	3,824,915	574	(D)	2,011	39,802	105,083	430,107	571,635	1,267,913	1,407,790	(D)
Capital expenditures, new...do....	232,779	2131	(D)	59	1,128	4,491	17,490	33,125	66,140	110,215	(D)
Subindustry 262112.—Paper mills, integrated with a pulp mill facility											
Establishments.....number..	102	-	-	-	-	3	9	21	39	29	1
All employees:											
Total.....do....	85,108	-	-	-	-	230	1,375	8,032	27,570	47,901	(D)
Payroll.....\$1,000..	580,932	-	-	-	-	1,473	9,085	51,848	189,534	328,992	(D)
Value added, adjusted.....do....	1,254,955	-	-	-	-	3,415	21,451	98,476	452,269	679,344	(D)
Value of shipments.....do....	2,434,908	-	-	-	-	9,343	49,416	209,885	891,025	1,275,239	(D)
Capital expenditures, new...do....	166,479	-	-	-	-	1,631	(D)	12,258	49,522	103,062	(D)
Subindustry 262114.—Paper mills, not integrated with a pulp mill facility											
Establishments.....number..	223	4	2	6	35	45	76	35	17	3	-
All employees:											
Total.....do....	44,740	18	(D)	103	1,172	3,313	12,309	11,956	11,133	4,736	-
Payroll.....\$1,000..	297,010	164	(D)	518	6,858	21,020	78,885	84,398	72,723	32,444	-
Value added, adjusted.....do....	602,248	125	(D)	755	15,299	42,086	154,893	166,569	145,572	76,949	-
Value of shipments.....do....	1,390,007	574	(D)	2,011	39,802	95,740	380,691	361,750	376,888	132,551	-
Capital expenditures, new...do....	66,300	2131	(D)	59	1,128	20,350	(D)	20,867	16,618	7,147	-
INDUSTRY 2631.—PAPERBOARD MILLS											
Establishments.....number..	271	4	3	5	41	55	95	36	22	9	1
All employees:											
Total.....do....	63,398	24	(D)	79	1,496	4,011	14,493	12,127	14,618	16,550	(D)
Payroll.....\$1,000..	429,017	128	(D)	428	8,643	26,192	95,202	87,383	101,955	109,086	(D)
Value added, adjusted.....do....	1,186,224	234	(D)	800	18,342	54,031	229,538	211,372	334,780	337,127	(D)
Value of shipments.....do....	2,315,954	483	(D)	1,917	36,750	119,158	474,142	426,078	649,712	607,714	(D)
Capital expenditures, new...do....	159,528	321,278	(D)	(D)	(D)	(D)	51,338	17,824	35,084	34,004	(D)
Subindustry 263112.—Paperboard mills, integrated with a pulp mill facility											
Establishments.....number..	63	-	-	-	-	-	21	13	19	9	1
All employees:											
Total.....do....	37,238	-	-	-	-	-	3,290	4,530	12,868	16,550	(D)
Payroll.....\$1,000..	253,938	-	-	-	-	-	23,311	32,168	89,373	109,086	(D)
Value added, adjusted.....do....	821,653	-	-	-	-	-	76,876	97,461	310,189	337,127	(D)
Value of shipments.....do....	1,517,174	-	-	-	-	-	140,366	181,575	587,519	607,714	(D)
Capital expenditures, new...do....	114,626	-	-	-	-	-	36,674	10,383	33,565	34,004	(D)

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
Subindustry 263114.—Paperboard mills, not integrated with a pulp mill facility											
Establishments.....number..	208	3	3	5	41	55	75	23	3	-	-
All employees:											
Total.....do....	26,160	24	(D)	79	1,496	4,011	11,203	7,597	1,750	-	-
Payroll.....\$1,000..	175,079	127	(D)	428	8,643	26,192	71,892	55,215	12,582	-	-
Value added, adjusted.....do....	364,571	234	(D)	800	18,342	54,031	152,662	113,911	24,591	-	-
Value of shipments.....do....	798,780	483	(D)	1,917	36,750	119,158	333,776	244,503	62,193	-	-
Capital expenditures, new...do....	44,902	³ 21,278	(D)	(D)	(D)	(D)	14,664	7,441	1,519	-	-
INDUSTRY 2661.—BUILDING PAPER AND BOARD MILLS											
Establishments.....number..	83	2	1	3	24	23	18	8	2	2	-
All employees:											
Total.....do....	11,874	60	(D)	(D)	811	1,549	2,918	2,700	3,836	(D)	-
Payroll.....\$1,000..	69,637	313	(D)	(D)	4,246	8,875	16,935	16,303	22,965	(D)	-
Value added, adjusted.....do....	153,103	582	(D)	(D)	7,885	16,085	38,700	32,695	57,156	(D)	-
Value of shipments.....do....	281,564	1,184	(D)	(D)	16,623	34,999	78,375	59,354	91,029	(D)	-
Capital expenditures, new...do....	8,065	⁴ 1,629	(D)	(D)	(D)	555	1,814	1,977	2,090	(D)	-
Subindustry 266112.—Building paper and board mills, integrated with a pulp mill facility											
Establishments.....number..	50	-	-	1	7	16	15	7	2	2	-
All employees:											
Total.....do....	9,907	-	-	255	(D)	1,047	4,769	(D)	3,836	(D)	-
Payroll.....\$1,000..	58,713	-	-	1,376	(D)	6,129	28,243	(D)	22,965	(D)	-
Value added, adjusted.....do....	130,633	-	-	2,882	(D)	11,109	59,486	(D)	57,156	(D)	-
Value of shipments.....do....	237,591	-	-	5,726	(D)	22,834	118,002	(D)	91,029	(D)	-
Capital expenditures, new...do....	6,157	-	-	619	(D)	(D)	3,448	(D)	2,090	(D)	-
Subindustry 266114.—Building paper and board mills, not integrated with a pulp mill facility											
Establishments.....number..	33	2	1	2	17	7	3	1	-	-	-
All employees:											
Total.....do....	1,967	616	(D)	(D)	(D)	502	849	(D)	-	-	-
Payroll.....\$1,000..	10,924	3,183	(D)	(D)	(D)	2,746	4,995	(D)	-	-	-
Value added, adjusted.....do....	22,470	5,585	(D)	(D)	(D)	4,976	11,909	(D)	-	-	-
Value of shipments.....do....	43,973	12,080	(D)	(D)	(D)	12,165	19,727	(D)	-	-	-
Capital expenditures, new...do....	1,908	1,565	(D)	(D)	(D)	(D)	343	(D)	-	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation which constitute \$5,000-\$10,000 thousand of the total for the size class.²Includes capital expenditures for plants under construction but not in operation which constitute \$50-\$100 thousand of the total for the size class.³Includes capital expenditures for plants under construction but not in operation which constitute \$10,000-\$20,000 thousand for the size class.⁴Includes capital expenditures for plants under construction but not in operation which constitute \$1,000-\$2,000 thousand of the total for the size class.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(Col. B) (\$1,000)	(Col. C) (\$1,000)	(Col. D) (\$1,000)	(Col. E) (\$1,000)	(Col. F) (percent)	(Col. G) (\$1,000)	(Col. H) (\$1,000)	(Col. I) (\$1,000)	(Col. J) (percent)
		A	B	C	D	E	F	G	H	I
2611	Pulp mills.....1963..	609,050	539,235	68,570	1,245	88	725,955	539,235	186,720	71
	1958..	427,997	416,977	10,245	775	98	567,708	416,977	150,731	73
2621	Paper mills, except building.....1963..	3,824,915	3,420,361	372,083	32,471	90	3,724,033	3,420,361	303,672	92
	1958..	3,259,415	2,906,770	339,220	13,425	90	3,044,613	2,906,770	137,843	95
2631	Paperboard mills.....1963..	2,315,954	1,960,319	343,663	11,972	87	2,184,714	1,960,319	224,395	90
	1958..	1,690,918	1,516,706	167,115	7,097	90	1,697,699	1,516,706	180,993	90
2661	Building paper and board mills....1963 ¹ .	281,564	264,440	8,838	8,286	97	299,526	264,440	35,086	88

Note: See appendix A for an explanation of terms used.

¹Comparable data for 1958 are not available.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Pulp mills (SIC 2611)	Paper mills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)	Other industries
	Total shipments and receipts of the industry.....	(X)	609,050	3,824,915	2,315,954	281,564	(X)
	Pulp paper and board.....	(X)	599,796	3,720,240	2,270,938	265,192	(X)
26111	Special alpha and dissolving wood pulp.....	¹ 210,032	¹ 210,032	(D)	-	-	-
26112	Other pulp (including wood) and pulp mill byproducts except tall oil.....	515,804	329,084	126,873	48,944	(D)	(D)
26110	Other pulp mill products, n.s.k.....	119	119	-	-	-	-
26211	Newsprint.....	270,830	-	253,646	(D)	-	(D)
26212	Groundwood paper, uncoated.....	165,589	(D)	159,502	(D)	-	² 2,287
26213	Paper-machine coated paper.....	498,637	(D)	466,729	(D)	-	² 19,963
26214	Book paper, uncoated.....	500,105	-	494,347	(D)	-	(D)
26215	Fine paper, including thin paper.....	762,556	(D)	735,989	5,733	-	(D)
26216	Coarse paper.....	721,297	-	579,035	136,564	-	³ 5,698
26217	Special industrial paper.....	254,985	8,018	194,202	42,242	-	10,523
26218	Sanitary tissue stock and other tissue paper, n.e.c.....	547,356	-	535,334	11,520	-	502
26210	Other paper mill products, n.e.c.....	2,678	-	1,577	-	-	1,101
26311	Container board.....	1,106,009	(D)	58,101	1,037,684	(D)	3,677
26312	Special food board.....	320,223	(D)	63,523	229,744	-	(D)
26313	Folding boxboard stock, except special food board.....	420,028	(D)	15,303	388,351	-	(D)
26314	Set-up boxboard.....	66,232	-	(D)	466,232	-	-
26315	Special paperboard, including cardboard, other bending and other nonbending board.....	233,410	3,237	20,095	202,806	-	7,272
26316	Wet machine board.....	37,331	-	2,363	34,177	(D)	(D)
26310	Other paperboard products, n.e.c.....	1,481	-	-	1,145	-	336
26611	Insulating board.....	171,305	-	(D)	(D)	147,896	⁵ 10,061
26612	Construction paper.....	126,727	-	(D)	7,958	115,861	(D)
26623	Hard pressed wood fiberboard.....	-	-	-	-	-	-
26610	Building paper and board, n.s.k.....	1,494	-	-	-	683	811
	Other products.....	(X)	8,009	72,204	33,044	8,086	(X)
28612	Other gum and wood chemicals.....	(X)	2,697	6,599	20,935	-	(X)
26412	Oiled, waxed, and wax laminated paper.....	(X)	-	2,124	-	-	(X)
26416	Other coated and processed paper, except wrappers.....	(X)	-	8,980	-	-	(X)
	Other secondary products.....	-	5,312	⁶ 54,501	⁷ 12,109	⁸ 3,086	-
	Miscellaneous receipts.....	-	1,245	32,471	11,972	8,286	-
	Contract and commission work.....	-	749	15,422	7,955	380	-
	Resales.....	-	496	17,049	4,017	7,906	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes an insignificant amount of special alpha and dissolving pulp produced in industry 2621, and is included in this figure to avoid disclosing figures for individual companies.

²Includes the following industry having shipments in this product class which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 2641, Paper Coating and Glazing.

³Includes the following industry having shipments in this product class which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 2899, Chemical Preparations, N.E.C.

⁴Includes an insignificant amount of set-up boxboard produced in industry 2621, but included here to avoid disclosing individual company figures.

⁵Includes the following industries having shipments in this product class which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 2421, Sawmills and Planing Mills; 2499, Wood Products, N.E.C.

⁶Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 26411, Off-machine coated paper for printing; 26491, Stationery, tablets, and related products; 39993, Other miscellaneous fabricated products.

⁷Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 26452, Pasted, lined, laminated, or surface coated paperboard; 28199, Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.; and 28992, Fatty acids.

⁸Includes the following product classes which total \$2 million or more, but are withheld to avoid disclosing individual company figures: 24996, Hard pressed wood fiberboard; and 32962, Mineral wool for industrial and equipment insulation.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958**

Product code	Product	1963						1958					
		Production for all purposes*	Total value of shipments, including interplant transfers ^{1 2}		Interplant transfers ^{1 2}		Production for all purposes*	Total value of shipments, including interplant transfers ^{1 2}		Interplant transfers ^{1 2}			
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value		
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)		
2611- --	PRODUCTS OF PULP MILLS, TOTAL.....	(X)	(X)	725,955	1,721,271	150,855	(NA)	(NA)	567,708	(NA)	(NA)		
26111 11	Special alpha and dissolving wood pulp (sulfite and sulfite) ³	1,371,429	1,365,311	210,032	11,402	1,431	779,953	767,739	134,309	(D)	(D)		
26112 --	Other pulp (including wood) and pulp mill byproducts, except tall oil.....	(X)	(X)	515,804	(X)	149,424	(X)	(X)	433,399	(X)	(D)		
	Wood pulp (except special alpha and dissolving).....	28,749,787	4,519,549	444,431	1,552,776	140,297	20,932,551	3,513,077	385,610	2,099,190	217,044		
	Sulfite:												
26112 16	Bleached.....	2,179,841	1,006,110	108,943	436,787	45,313	1,962,714	862,019	109,097	413,478	49,085		
26112 26	Unbleached.....	509,623	129,183	10,366	58,032	5,215	479,302	116,098	12,229	64,093	6,411		
	Sulfate:												
26112 33	Bleached (brightness over 72).....	5,727,739	2,319,545	239,096	569,888	52,765	4,022,901	1,413,717	168,075	849,031	99,203		
26112 39	Semibleached (brightness 45-72).....	1,711,549	212,588	21,782	40,771	3,856	707,974	110,983	15,054	32,667	3,645		
2611243	Unbleached.....	10,501,541	323,161	27,727	72,742	7,615	7,586,502	472,689	38,097	346,385	27,438		
26112 51	Soda wood pulp.....	390,288	126,210	13,639	89,082	9,393	410,114	146,380	20,745	92,961	12,956		
26112 65	Groundwood, bleached and unbleached.....	3,468,317	186,601	12,643	103,267	7,584	2,882,551	138,712	9,577	119,739	8,498		
26112 72	Semichemical.....	2,628,851	138,219	6,520	138,041	6,503	1,595,689	124,351	8,009	78,345	6,334		
26112 75	Defibrated or exploded....	1,481,328	10,510	244	(X)	(X)	1,167,519	69,924	2,357	61,867	2,061		
26112 79	Screenings, off-quality, damaged, etc.....	150,710	67,422	3,471	44,166	2,053	117,582	57,754	2,370	40,624	1,413		
	Pulp, other than wood, and miscellaneous pulp mill products, n.e.c.::												
26112 81	Cotton linter pulp.....	221,108	163,186	34,769	10,117	1,871	139,576	136,681	33,185	(D)	(D)		
26112 85	Other pulp, including pulp made from straw, rag, flax, de-linked paper, bagasse, etc.....	519,771	133,033	14,903	28,871	4,504	(NA)	17,882	1,823	(D)	(D)		
26112 87	Turpentine sulfite (quantity in 1,000 gallons).....	46,412	27,920	3,161	541	72	25,076	25,004	3,939	(D)	(D)		
26112 89	Other cooking liquor byproducts (skimmings, binders, fuel, etc.).....	101,270	438,023	18,540	117,564	2,680	(NA)	(NA)	8,842	64,862	720		
26110 00	Products of pulp mills, n.s.k.	(X)	(X)	119	(X)	(X)	(X)	(X)	(X)	(X)	(X)		
2621- --	PAPER MILLS, EXCEPT BUILDING PAPER MILLS, TOTAL.....	17,012,548	17,174,139	3,724,033	4,297,531	817,244	13,547,751	13,463,484	3,044,613	3,479,612	712,255		
26211 11	Newsprint.....	2,213,409	2,236,549	270,830	128,890	15,809	1,731,293	1,739,275	214,814	150,409	18,294		
26212 --	Groundwood paper, uncoated....	956,410	982,545	165,589	29,763	5,829	805,585	807,192	143,796	18,111	3,695		
26212 23	Publication and printing....	806,702	811,109	133,996	2	(X)	636,944	639,086	111,896	1,918	359		
26212 25	Body stock for coating.....	35,172	35,217	6,904	25,810	4,286	168,641	168,106	31,900	16,193	3,336		
26212 29	Other converting and miscellaneous groundwork....	114,536	136,219	24,689	3,951	1,543							
26213 --	Paper-machine coated paper ⁴ ...	2,113,959	2,171,778	498,637	11,742	2,704	1,569,112	1,547,408	362,505	29,134	8,677		
	Printing and converting paper:												
26213 11	Coated, 1 side.....	174,176	181,457	61,269	6,598	1,351	1,569,112	1,547,408	362,505	29,134	8,677		
26213 13	Coated, 2 sides.....	1,939,783	1,990,321	437,368	5,144	1,353							
26214 --	Book paper, uncoated.....	1,886,278	2,050,737	500,105	291,677	66,327	1,675,835	1,670,549	426,299	174,017	40,035		
26214 12	Publication and printing....	1,151,748	1,159,415	303,291	122,665	30,079	1,014,396	999,601	258,552	28,104	10,923		
26214 35	Body stock for coating.....	33,599	229,337	51,839	126,341	25,214	661,439	670,948	167,747	145,913	29,112		
26214 39	Other converting and miscellaneous book.....	700,931	661,985	144,975	42,671	11,034							

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	1963					1958				
		Production for all purposes*	Total value of shipments, including interplant transfers ^{1 2}		Interplant transfers ^{1 2}		Production for all purposes*	Total value of shipments, including interplant transfers ^{1 2}		Interplant transfers ^{1 2}	
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)
2621- --	PAPER MILLS, EXCEPT BUILDING PAPER MILLS—Continued										
26215 --	Fine paper, including thin paper.....	2,103,609	2,090,379	762,556	127,774	34,989	1,556,406	1,535,247	568,412	77,033	17,443
26215 42	Writing, cotton fiber, including cotton fiber index.....	118,821	123,698	79,987	1,004	949	109,742	107,415	72,129	851	893
26215 52	Writing, chemical wood pulp	1,480,840	1,478,537	452,013	102,083	28,067	1,090,998	1,086,793	338,457	72,872	15,287
26215 62	Bristols, (except cotton fiber index and bogus)....	156,014	138,261	38,451	17,516	3,027	119,170	115,120	33,058	594	179
26215 72	Cover, text, and colored school paper.....	172,785	167,672	63,364	1,562	680	113,770	110,206	41,451	55	24
26215 82	Thin paper.....	175,149	182,211	128,741	5,609	2,266	122,726	115,713	83,317	2,661	1,060
26216 --	Coarse paper.....	4,250,907	4,190,470	721,297	1,573,870	257,077	3,677,637	3,644,738	712,491	1,447,744	268,009
	Unbleached kraft paper:										
26216 01	Wrapping.....	384,299	405,825	59,689	56,906	8,413	1,157,268	1,128,906	186,629	346,637	57,235
26216 14	Shipping sack.....	884,744	869,915	116,626	376,950	50,074					
26216 17	Bag and sack (other than shipping sack).....	1,251,358	1,266,521	155,529	750,627	99,371	983,342	982,760	147,492	700,585	106,997
26216 29	Other converting (18 lbs. and over).....	664,568	591,470	110,997	116,754	23,989	557,976	563,635	112,843	122,450	24,180
26216 32	Glassine, greaseproof and vegetable parchment.....	193,811	193,965	79,570	67,568	22,708	172,550	172,198	72,841	66,702	23,227
	Other coarse paper:										
26216 42	Wrapping.....	191,350	213,583	50,031	34,490	8,451	240,531	241,596	54,914	39,422	8,312
26216 53	Shipping sack including combination kraft and rope, bleached and semi-bleached.....	67,011	64,428	13,717	27,665	6,510	133,035	129,287	30,466	51,501	12,295
26216 55	Other bag and sack.....	130,373	125,046	23,869	57,075	10,302					
26216 59	Other converting (18 lbs. and over).....	483,393	459,717	111,269	85,835	27,259	432,935	426,356	107,306	120,447	35,763
26217 59	Special industrial paper (excluding windshield wiper stock and industrial wipe)..	911,570	888,248	254,985	43,828	17,167	607,133	592,538	176,222	42,737	12,999
26218 --	Sanitary tissue stock.....	2,576,406	2,560,979	547,356	2,087,534	416,867	1,924,750	1,926,537	440,074	1,540,427	343,103
	Sanitary tissue stock:										
26218 12	Toweling (excludes wiper stock but includes facial tissue stock for towels).....	666,092	645,603	114,813	582,645	98,120	1,223,445	1,223,749	249,854	1,079,766	219,158
26218 32	Toilet tissue.....	1,054,648	1,038,134	213,239	893,188	176,162					
26218 42	Napkin.....	262,526	260,039	60,222	164,373	34,997	202,294	201,562	45,727	150,662	33,356
26218 51	Facial tissue stock other than toweling, napkin and toilet.....	278,563	311,496	76,351	284,741	67,221	217,986	216,568	63,649	183,618	53,611
26218 62	Other sanitary tissue stock and sanitary napkin stock wadding (include wiper stock).....	78,538	78,361	21,328	55,391	14,414	77,983	82,940	23,594	56,001	16,641
26218 78	Tissue paper, excluding sanitary and thin.....	236,039	227,346	61,403	107,196	25,953	203,042	201,718	57,250	70,380	20,337
26210 00	Paper mills, except building paper mills, n.s.k.....	(X)	2,454	2,678	2,453	475	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963						1958					
		Production for all purposes* (short tons)	Total value of shipments, including interplant transfers ^{1 2}		Interplant transfers ^{1 2}		Production for all purposes* (short tons)	Total value of shipments, including interplant transfers ^{1 2}		Interplant transfers ^{1 2}		Quantity (short tons)	Value (\$1,000)
			Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		Quantity (short tons)	Value (\$1,000)	Quantity (short tons)	Value (\$1,000)		
2631- --	PAPERBOARD MILLS, TOTAL...	18,380,108	18,602,360	2,184,714	6,861,865	819,017	14,139,140	14,011,335	1,697,699	5,475,893	655,924		
26311 --	Container board.....	10,425,061	10,395,014	1,106,009	3,567,153	381,328	7,441,182	7,399,666	805,984	2,753,858	300,414		
26311 12	Liners.....	7,123,808	6,974,641	766,143	2,436,839	266,629	4,953,556	4,918,855	528,558	1,746,857	190,353		
26311 32	Corrugating material.....	3,021,675	3,116,699	310,909	1,060,215	107,880	2,232,052	2,224,118	253,016	917,208	102,380		
26311 52	Container chipboard.....	279,578	303,674	28,957	70,099	6,819	255,574	256,693	24,410	89,793	7,681		
26312 11	Special food board.....	1,737,034	1,923,951	320,223	996,142	179,177	1,369,868	1,349,423	244,474	578,680	101,126		
26313 12	Folding boxboard stock, except special food board.....	3,164,888	3,182,583	420,028	1,201,904	166,390	2,625,051	2,594,179	353,943	1,178,662	161,708		
26314 12	Set-up boxboard.....	636,944	690,817	66,232	60,215	6,045	682,454	680,537	65,962	87,272	8,770		
26315 --	Special paperboard, including cardboard, other heading and other nonheading board.....	2,275,512	2,228,517	233,410	1,033,018	84,824	1,892,279	1,854,134	198,431	867,111	80,277		
26315 11	Special paperboard.....	1,581,492	1,574,992	144,553	906,352	70,154	1,241,517	1,231,995	115,144	730,455	65,616		
26315 31	Cardboard (including bogus bristol).....	108,813	106,617	26,466	11,424	2,504	99,905	94,981	25,592	(D)	(D)		
26315 51	Other bending board ⁵	240,170	199,924	26,030	63,936	7,003	291,373	280,928	33,002	88,621	10,526		
26315 98	Other nonbending board.....	345,037	346,984	36,361	51,306	5,163	259,484	246,230	24,693	46,711	4,197		
26316 12	Wet machine board.....	140,669	138,575	37,331	3,433	1,253	128,306	133,396	28,905	10,310	3,629		
26310 00	Paperboard mills, n.s.k.....	(X)	42,903	1,481	(X)	(X)	(X)	(X)	(X)	(X)	(X)		
2661- --	BUILDING PAPER AND BOARD, TOTAL.....	2,591,639	2,595,758	299,526	704,734	55,410	62,478,360	62,545,421	295,266	(NA)	(NA)		
26611 --	Insulating board:												
26611 12	Insulating board (26 lbs. or less per cu. ft.) (in short tons).....	1,139,081	1,160,112	171,305	35,853	3,398	1,063,159	1,061,676	169,838	(NA)	(NA)		
26611 14	Insulating board (26 lbs. or less per cu. ft.) (1,000 sq. ft. 1/2" basis).....	3,039,117	3,052,714	(X)	(X)	(X)	2,789,111	2,742,657	(X)	(NA)	(NA)		
26612 --	Construction paper:												
26612 12	Construction paper (dry basis before saturating)...	1,452,558	1,435,646	126,727	668,881	52,012	1,415,201	1,483,751	121,133	(NA)	(NA)		
26610 00	Other products, n.s.k.....	(X)	(X)	1,494	(X)	(X)	(NA)	(NA)	4,295	(NA)	(NA)		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

*The production total shown for total paper and board does not include any tonnage for the value of shipments reported in product classes 26210, 26310 and 26610.

¹The difference between total shipments and interplant transfers represents "market shipments."

²In the case of wood pulp, total shipments and interplant transfers in 1963 excluded transfers of wood pulp to a paper or board mill operated at the same physical location. In the case of paper and board, total shipments and interplant transfers both in 1963 and 1958 included transfers of paper and board to a converting facility conducted at the same physical location. (See text and footnote 6 to table 1 for a further explanation of the change in treatment accorded in the 1958 census to the reports of integrated companies.)

³Sulfite and sulfate wood pulp for chemical conversion, paper making, and other uses. For pulp of similar characteristics made from cotton and cotton linters, see product code 2611281.

⁴Data for off-machine coated paper is included in the 1963 Census of Manufactures for industry 2641, Paper Coating and Glazing.

⁵Includes "solid bleached chemical pulpboard, except special food board." Beginning with the year 1959, the paper and board detailed grade survey (Current Industrial Reports Series M26A) classifies this grade in the "folding boxboard stock" category.

⁶See footnote 3, table 1.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
2611-	Products of pulp mills.....1963..	148	95		Paper, except building paper—		
	1958..	101	105		Continued		
26111	Special alpha and dissolving wood pulp (sulfite and sulfate).....1963..	182	90	26218	Sanitary tissue stock.....1963..	156	98
	1958..	103	103		1958..	118	104
26112	Other pulp (including wood) and pulp mill byproducts, except tall oil.....1963..	166	96	2631-	Paperboard.....1963..	149	106
	1958..	121	105		1958..	115	107
2621-	Paper, except building paper.....1963..	148	104	26311	Container board.....1963..	160	107
	1958..	116	110		1958..	115	107
26211	Newsprint.....1963..	176	106	26312	Special food board.....1963..	182	107
	1958..	144	108		1958..	137	108
26212	Groundwood paper, uncoated.....1963..	130	102	26313	Folding boxboard stock, except special food board.....1963..	131	107
	1958..	102	108		1958..	108	109
26213	Paper-machine coated paper.....1963..	172	121	26314	Set-up boxboard.....1963..	89	115
	1958..	128	113		1958..	95	117
26214	Book paper, uncoated.....1963..	130	111	26315	Special paperboard, including card-board, other bending and other nonbending board.....1963..	142	104
	1958..	106	116		1958..	124	108
26215	Fine paper, including thin paper.....1963..	163	105	26316	Wet machine board.....1963..	97	97
	1958..	120	108		1958..	94	78
26216	Coarse paper.....1963..	121	97	2661-	Building paper and building board ¹.....1963..	105	108
	1958..	107	109		1958..	103	108
26217	Special industrial paper (excluding windshield wiper stock and industrial wipers).....1963..	181	105	26611	Insulating board.....1963..	115	110
	1958..	121	110		1958..	105	119
				26612	Construction paper.....1963..	95	104
					1958..	99	93

¹Hard pressed wood fiberboard, which is no longer classified as a primary product of this industry, has been excluded from the calculation of these indexes.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958		
2611-	Pulp mill products: Value.....\$1,000..	725,955	648,558	641,016	654,187	606,614	567,708		
26111	Special alpha and dissolving wood pulp: Quantity.....short tons..	1,365,311	(NA)	(NA)	(NA)	(NA)	(NA)		
	Value.....\$1,000..	210,032	161,540	152,872	149,083	153,860	134,309		
26112	Other pulp (including wood) and pulp mill byproducts, except tall oil: Value.....\$1,000..	515,804	461,018	462,144	479,104	452,754	433,399		
26110	Pulp mill products, n.s.k.....\$1,000..	119	(26,000)	(26,000)	(26,000)	(X)	(X)		
		1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2621-	Paper mill products, except building paper and board: Quantity.....short tons..	17,174,139	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Value.....\$1,000..	3,724,033	3,622,500	3,498,314	3,496,839	3,437,454	3,044,613	2,394,348	1,660,336
26211	Newsprint: Quantity.....short tons..	2,236,549	2,120,656	2,092,739	2,021,016	1,943,273	1,739,275	(NA)	(NA)
	Value.....\$1,000..	270,830	265,533	256,447	248,908	240,022	214,814	137,443	68,457
26212	Groundwood paper, uncoated: Quantity.....short tons..	982,545	855,138	894,311	940,739	869,972	807,192	(NA)	(NA)
	Value.....\$1,000..	165,589	153,658	158,036	166,865	157,359	143,796	128,743	105,709
26213	Paper-machine coated paper: Quantity.....short tons..	2,171,778	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	498,637	429,738	403,754	405,374	405,156	362,505	252,617	100,609
26214	Book paper, uncoated: Quantity.....short tons..	2,050,737	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	500,105	500,329	482,601	504,230	480,614	426,299	343,376	282,073
26215	Fine paper, including thin paper: Quantity.....short tons..	2,090,379	1,922,350	1,813,509	1,782,079	1,740,289	1,535,247	(NA)	(NA)
	Value.....\$1,000..	762,556	722,227	681,429	665,086	657,756	568,412	439,429	343,020
26216	Coarse paper: Quantity.....short tons..	4,190,470	3,922,855	3,877,756	3,931,638	3,916,116	3,644,738	(NA)	(NA)
	Value.....\$1,000..	721,297	747,296	747,096	757,370	768,874	712,491	606,401	451,038
26217	Special industrial paper: Quantity.....short tons..	888,248	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	254,985	247,213	231,053	219,700	212,813	176,222	133,674	100,266
26218	Sanitary tissue stock: Quantity.....short tons..	2,560,979	2,264,571	2,175,704	2,101,757	2,086,221	1,926,537	(NA)	(NA)
	Value.....\$1,000..	547,356	556,506	537,898	529,306	495,716	440,074	352,665	209,164
26210	Paper mill products, n.s.k.: Quantity.....short tons..	2,454	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Value.....\$1,000..	2,678	(X)	(X)	(X)	(19,144)	(X)	(X)	(X)
2631-	Paperboard mill products: Quantity.....short tons..	18,602,360	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Value.....\$1,000..	2,184,714	2,073,536	1,943,578	1,936,205	1,921,272	1,697,699	1,353,215	914,320
26311	Container board: Quantity.....short tons..	10,395,014	9,527,065	8,738,943	8,469,931	8,271,178	7,399,666	(NA)	(NA)
	Value.....\$1,000..	1,106,009	1,101,235	1,013,190	995,718	962,529	805,984	657,829	456,209
26312	Special food board: Quantity.....short tons..	1,923,951	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	320,223	267,575	259,413	259,704	259,229	244,474	167,327	66,300
26313	Folding boxboard stock, except special food board: Quantity.....short tons..	3,182,583	2,843,415	2,832,661	2,806,967	2,812,105	2,594,179	(NA)	(NA)
	Value.....\$1,000..	420,028	404,613	383,101	373,348	385,105	353,943	288,959	211,453

See footnotes at end of table.

TABLE 6C. **Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963—Continued**

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2631-	Paperboard mill products—Continued								
26314	Set-up boxboard:								
	Quantity.....short tons..	690,817	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	66,232	65,080	63,969	82,386	70,680	65,962	59,482	50,537
26315	Special paperboard, including cardboard, other bending and other nonbending board:								
	Quantity.....short tons..	2,228,517	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	233,410	196,284	187,062	191,531	209,207	198,431	142,224	108,246
26316	Wet machine board:								
	Quantity.....short tons..	138,575	150,176	153,732	153,451	152,458	133,396	(NA)	(NA)
	Value.....\$1,000..	37,331	38,749	36,843	33,518	34,522	28,905	37,394	21,575
26310	Paperboard products, n.s.k.:								
	Quantity.....short tons..	42,903	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Value.....\$1,000..	1,481	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2661-	Building paper and board: ²								
	Quantity.....short tons..	2,595,758	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	299,526	323,041	319,491	321,482	328,450	295,266	256,759	193,106
26611	Insulating board:								
	Quantity.....short tons..	1,160,112	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	171,305	178,715	178,024	183,459	190,068	169,838	135,628	79,958
26612	Construction paper:								
	Quantity.....short tons..	1,435,646	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	126,727	138,002	135,308	131,855	132,925	121,133	121,131	113,148
26610	Building paper and board, n.s.k.:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	Value.....\$1,000..	1,494	(6,324)	(6,159)	(6,168)	(5,457)	4,295	(X)	(X)

Note: The figures shown in parentheses have associated standard errors exceeding 15 percent. Thus, these estimates are of limited reliability. However, they may be combined into broader aggregates which are of acceptable reliability.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Due to a classification change in 1963, Hard pressed fiberboard is no longer classified in this industry but is included with 2499, Wood Products, N.E.C. Therefore, data shown for earlier years is not comparable.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
SPECIAL ALPHA AND DISSOLVING WOOD PULP (26111)			BOOK PAPER, UNCOATED (26214)—Continued			SPECIAL INDUSTRIAL PAPER (26217)—Continued		
United States, total.....	210,032	134,309	Middle Atlantic.....	120,064	119,591	North Central.....	27,296	(²)
Northeast and South.....	114,385	(²)	New York.....	59,281	(²)	Ohio.....	7,226	6,806
Pacific.....	95,647	46,260	Pennsylvania.....	60,783	76,691	Illinois.....	2,129	(²)
OTHER PULP (INCLUDING WOOD) AND PULP MILL BYPRODUCTS, EXCEPT TALL OIL (26112)			North Central.....	194,270	(²)	Wisconsin.....	7,668	6,739
United States, total.....	515,804	433,399	Ohio.....	63,579	53,271	South and West.....	114,250	(²)
New England.....	45,304	47,877	Michigan.....	61,522	62,240	Delaware.....	2,899	(²)
Middle Atlantic.....	16,568	25,541	South.....	82,027	(²)	Virginia.....	8,206	5,288
New York.....	5,835	6,117	West.....	25,645	(²)	SANITARY TISSUE STOCK (26218)		
North Central.....	41,866	(²)	Washington.....	18,517	(²)	United States, total.....	547,356	440,074
Ohio.....	6,592	2,008	FINE PAPER, INCLUDING THIN PAPER (26215)			New England.....	75,303	51,216
Wisconsin.....	24,626	25,998	United States, total.....	762,556	568,412	Maine.....	26,905	18,246
South Atlantic.....	148,127	108,622	New England.....	182,414	153,904	New Hampshire.....	19,097	16,479
North Carolina.....	23,160	39,029	Maine.....	40,728	36,268	Massachusetts.....	13,459	10,139
South Carolina.....	28,503	(²)	Massachusetts.....	117,236	98,148	Middle Atlantic.....	160,579	140,749
Florida.....	18,869	8,986	Middle Atlantic.....	171,343	110,451	New York.....	82,456	68,698
East South Central.....	52,676	64,222	Pennsylvania.....	73,319	(²)	North Central.....	161,750	(²)
Tennessee.....	25,527	28,531	North Central.....	286,058	(²)	Michigan.....	27,647	19,123
West South Central.....	39,773	18,228	Ohio.....	96,396	76,063	Wisconsin.....	121,937	108,674
West.....	171,490	(²)	Michigan.....	48,273	33,991	South Atlantic.....	10,990	(²)
Washington.....	124,343	97,420	Wisconsin.....	107,017	83,230	East South Central.....	40,318	(²)
NEWSPRINT (26211)			South.....	76,353	(²)	Pacific.....	98,416	70,718
United States, total.....	270,830	214,814	West.....	46,388	(²)	Washington.....	58,505	46,887
Northeast.....	73,402	(²)	COARSE PAPER (26216)			CONTAINER BOARD (26311)		
North Central and South.....	136,714	(²)	United States, total.....	721,297	712,491	United States, total.....	1,106,009	805,984
West.....	60,714	(²)	New England.....	49,260	69,356	New England.....	15,467	10,208
GROUNDWOOD PAPER, UNCOATED (26212)			Massachusetts.....	21,223	24,244	Massachusetts.....	5,631	(²)
United States, total.....	165,589	143,796	Middle Atlantic.....	50,276	49,187	Middle Atlantic.....	44,270	25,927
New England.....	69,371	55,096	Pennsylvania.....	12,898	(²)	Pennsylvania.....	19,090	14,355
Middle Atlantic.....	32,674	43,376	East North Central.....	125,583	116,733	East North Central.....	150,862	131,139
New York.....	32,674	43,073	Ohio.....	14,241	17,475	Ohio.....	36,200	28,040
East North Central.....	14,333	10,491	Wisconsin.....	80,793	69,206	Michigan.....	44,040	37,432
West North Central.....	28,458	25,942	West North Central.....	11,102	7,643	Wisconsin.....	36,490	30,041
South and West.....	20,753	(²)	Minnesota.....	11,102	(²)	West North Central.....	14,473	20,763
PAPER-MACHINE COATED PAPER (26213)			South Atlantic.....	180,949	177,276	South.....	708,173	520,986
United States, total.....	498,637	362,505	Virginia.....	29,300	28,997	Virginia.....	77,919	60,850
New England.....	96,658	57,858	East South Central.....	81,171	80,306	North Carolina.....	53,232	(²)
Middle Atlantic.....	89,873	61,412	West South Central.....	113,697	113,564	Georgia.....	184,405	118,447
North Central.....	180,006	(²)	Louisiana.....	57,040	58,555	Florida.....	154,410	131,487
South and West.....	132,100	(²)	Pacific.....	109,259	98,426	Louisiana.....	90,131	73,145
BOOK PAPER, UNCOATED (26214)			SPECIAL INDUSTRIAL PAPER (26217)			West.....	172,764	(²)
United States, total.....	500,105	426,299	United States, total.....	254,985	176,222	Washington.....	59,939	34,630
New England.....	78,099	84,646	New England.....	64,291	51,566	California.....	47,485	30,949
Maine.....	31,099	38,029	Massachusetts.....	34,300	32,305	SPECIAL FOOD BOARD (26312)		
Massachusetts.....	27,629	35,244	Connecticut.....	3,394	(²)	United States, total.....	320,223	244,474
			Middle Atlantic.....	49,148	41,869	New England.....	7,975	4,331
			New York.....	28,281	24,441	Middle Atlantic.....	8,107	23,403

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
FOLDING BOXBOARD STOCK, EXCEPT SPECIAL FOOD BOARD (26313)			SET-UP BOXBOARD (26314)—Continued			WET MACHINE BOARD (26316)		
United States, total.....	420,028	353,943	North Central—Continued			United States, total....	37,331	28,905
New England.....	33,251	33,068	Illinois.....	4,356	(2)	New England.....	17,274	(2)
Middle Atlantic.....	92,061	94,981	Michigan.....	1,392	2,097	Massachusetts.....	3,503	4,013
New York.....	31,318	29,547	South.....	13,746	(2)	Connecticut.....	9,087	5,887
New Jersey.....	33,350	33,213	West.....	3,182	(2)	Middle Atlantic.....	5,877	(2)
Pennsylvania.....	27,393	32,221	SPECIAL PAPERBOARD, INCLUDING CARDBOARD, OTHER BENDING AND OTHER NONBENDING BOARD (26315)			East North Central.....	4,654	5,808
North Central.....	163,646	(2)	United States, total....	233,410	198,431	South and West.....	9,526	(Z)
Ohio.....	48,321	43,029	New England.....	13,678	13,814	INSULATING BOARD (26611)		
Illinois.....	23,177	21,346	Massachusetts.....	9,373	8,869	United States, total....	171,305	169,838
Michigan.....	52,428	40,387	Middle Atlantic.....	47,896	37,695	Northeast.....	20,392	15,930
Wisconsin.....	8,529	8,344	New York.....	17,541	14,375	North Central.....	40,058	38,843
South Atlantic.....	75,214	32,894	New Jersey.....	15,641	16,017	South.....	94,623	98,658
Maryland.....	7,345	7,866	Pennsylvania.....	14,714	7,303	Mississippi.....	15,979	18,124
Virginia.....	36,970	(2)	East North Central.....	58,409	62,160	Pacific.....	16,232	16,407
East South Central.....	15,720	6,786	Ohio.....	19,115	21,961	CONSTRUCTION PAPER (26612)		
West South Central.....	18,732	7,726	Indiana.....	8,249	(2)	United States, total....	126,727	121,133
West.....	21,404	(2)	Illinois.....	4,998	9,425	Northeast.....	48,862	38,785
California.....	28,988	23,505	Michigan.....	21,992	18,094	New Jersey.....	19,206	15,179
SET-UP BOXBOARD (26314)			Wisconsin.....	4,055	(2)	Pennsylvania.....	10,540	6,875
United States, total....	66,232	65,962	West North Central.....	6,862	7,479	East North Central.....	30,209	30,193
New England.....	6,544	5,591	South Atlantic.....	34,028	29,028	Ohio.....	11,393	10,764
Middle Atlantic.....	26,993	29,666	Georgia.....	4,219	1,913	Illinois.....	17,027	17,391
New York.....	5,325	5,517	Florida.....	6,741	(2)	West North Central.....	11,535	17,949
New Jersey.....	17,450	14,381	East South Central.....	8,173	7,682	South Atlantic.....	10,096	8,416
Pennsylvania.....	4,218	9,768	North South Central.....	18,695	(2)	East South Central.....	2,610	2,706
North Central.....	15,767	(2)	Texas.....	7,044	(2)	West South Central.....	10,939	10,490
Ohio.....	4,846	5,470	West.....	45,669	(2)	Texas.....	4,447	4,367
Indiana.....	1,574	(2)	California.....	19,352	15,245	Pacific.....	12,476	12,594
						California.....	10,867	11,335

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 26111, New Hampshire, Georgia, Florida, Mississippi, Washington, and Alaska; 26112, Maine, New Hampshire, New Jersey, Pennsylvania, Illinois, Michigan, Minnesota, Virginia, Georgia, Alabama, Mississippi, Arkansas, Louisiana, Texas, Montana, Idaho, Oregon, and Alaska; 26211, Maine, New Jersey, Pennsylvania, Michigan, Tennessee, Alabama, Arkansas, Texas, Arizona, Washington, and Oregon; 26212, Maine, Vermont, Michigan, Wisconsin, Minnesota, South Carolina, Tennessee, Arkansas, Washington, and Oregon; 26213, Maine, Massachusetts, New York, Pennsylvania, Ohio, Michigan, Wisconsin, Minnesota, Maryland, Virginia, South Carolina, Tennessee, Mississippi, Louisiana, Texas, Washington, Oregon, and California; 26214, New Hampshire, Vermont, Illinois, Minnesota, Maryland, Virginia, North Carolina, Tennessee, Alabama, Mississippi, Louisiana, Texas, Oregon, and California; 26215, New Hampshire, Connecticut, New York, New Jersey, Indiana, Illinois, Minnesota, Delaware, Maryland, Virginia, North Carolina, Alabama, Mississippi, Louisiana, Texas, Washington, Oregon, and California; 26216, Maine, New Hampshire, Vermont, New York, New Jersey, Illinois, Michigan, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Texas, Washington, Oregon, and California; 26217, Maine, New Hampshire, Vermont, New Jersey, Pennsylvania, Indiana, Michigan, Minnesota, North Carolina, South Carolina, Tennessee, Alabama, Louisiana, Texas, Idaho, Washington, and Oregon; 26218, Vermont, Connecticut, New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Delaware, North Carolina, Florida, Tennessee, Alabama, Mississippi, Oregon, and California; 26311, New Hampshire, Connecticut, New York, New Jersey, Indiana, Illinois, Minnesota, Iowa, Kansas, Delaware, Maryland, West Virginia, South Carolina, Tennessee, Alabama, Arkansas, Texas, Montana, Colorado, Arizona, and Oregon; 26312, Vermont, Massachusetts, Connecticut, New York, Michigan, Wisconsin, Minnesota, Virginia, North Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Texas, Idaho, Washington, and California; 26313, Massachusetts, Connecticut, Indiana, Minnesota, West Virginia, North Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Louisiana, Texas, and Washington; 26314, New Hampshire, Massachusetts, Wisconsin, Virginia, West Virginia, North Carolina, Georgia, Tennessee, and California; 26315, Vermont, Minnesota, Iowa, Missouri, Kansas, Maryland, Virginia, North Carolina, South Carolina, Tennessee, Alabama, Louisiana, Oklahoma, Idaho, Washington, and Oregon; 26316, Maine, New Hampshire, New Jersey, Pennsylvania, Illinois, Michigan, and Virginia; 26611, Maine, Rhode Island, New Jersey, Pennsylvania, Michigan, Minnesota, Iowa, Missouri, Virginia, Georgia, Kentucky, Alabama, Louisiana, Oklahoma, Texas, Washington, Oregon, and Hawaii; 26612, Rhode Island, New York, Indiana, Minnesota, Missouri, Kansas, Maryland, Georgia, Alabama, Louisiana, Oklahoma, and Oregon.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2611.—PULP MILLS				INDUSTRY 2621.—PAPER MILLS, EXCEPT BUILDING			
	Materials and supplies, total.....		(X)	278,706	(X)	203,683	(X)	1,750,014	(X)	1,558,240
	Pulpwood:									
	Softwood bolts and logs: ¹									
241101	Spruce and true fir.....	Cords of 128 cu. ft.	492,412	12,303	560,861	17,340	2,473,989	70,929	3,109,062	96,019
241102	Hemlock.....	do.....	1,649,382	31,573	914,731	20,885	955,574	25,379	1,591,396	37,357
241103	Jack pine.....	do.....	3,622	65	(D)	(D)	705,825	16,340	755,806	17,680
241104	Southern pine.....	do.....	2,322,955	47,605	1,492,405	29,475	5,002,820	101,933	6,010,818	115,985
241105	Other softwoods (include Douglas fir).....	do.....	273,144	4,183	163,600	3,461	1,092,727	22,459	253,906	6,096
242901	Chips.....	do.....	1,403,937	23,179	980,718	18,421	2,669,128	48,192	1,567,114	28,108
242015	Slabs, cores, and other mill waste.....	do.....	281,077	3,378	(D)	(D)	284,485	3,948	156,487	2,917
	Hardwood bolts and logs: ¹									
241106	Northern mixed hardwoods...	do.....	170,936	4,238	76,012	1,380	1,322,492	26,949	785,282	15,140
241107	Poplar (aspen and popple)...	do.....	18,153	398	92,101	2,203	1,194,273	24,463	826,060	18,150
241108	Southern mixed hardwoods...	do.....	220,362	3,874	766,071	12,808	-	-	721,114	11,388
*241109	Other hardwoods.....	do.....	236,291	3,548	412,675	9,401	405,214	7,842	206,762	3,347
242013	Slabs, chips, cores, and other mill waste.....	do.....	78,159	1,215	(D)	(D)	306,669	5,897	65,354	1,206
	Chemicals:									
147701	Sulfur.....	Long tons...	149,602	3,998	110,882	4,107	243,725	6,927	219,641	7,825
281211	Chlorine.....	Short tons..	229,351	15,210	158,649	10,610	394,293	28,163	307,614	22,091
281238	Sodium hydroxide (caustic soda).....	Short tons (100% NaOH)	347,967	17,444	192,854	11,343	270,189	17,056	154,201	10,074
281228	Sodium carbonate (soda ash)...	Short tons (98-100% Na ₂ CO ₃)....	(D)	(D)	(D)	(D)	187,161	6,949	116,046	4,725
281976	Sodium sulfate (including salt cake).....	Short tons (100% Na ₂ SO ₄)....	207,498	4,594	118,772	4,380	431,151	13,429	381,989	12,546
281611	Titanium dioxide, composite and pure.....	1,000 lbs. (100% TiO ₂)	222	58	(NA)	(NA)	137,590	34,506	(NA)	(NA)
281961	Aluminum sulfate.....	Short tons (17% Al ₂ O ₃)	14,865	586	(NA)	(NA)	242,281	10,093	(NA)	(NA)
286101	Rosin.....	1,000 lbs...	(X)	(X)	(NA)	(NA)	18,893	2,875	(NA)	(NA)
289119	Rosin sizing.....	do.....	6,041	937	(NA)	(NA)	145,456	20,798	(NA)	(NA)
327401	Lime.....	Short tons	127,645	2,194	(NA)	(NA)	537,227	9,531	(NA)	(NA)
	Wood pulp:									
261102	Produced at affiliated or associated mills except your pulp mill at this location ² .	Short tons (air dry basis)....	10,971	1,261	(NA)	(NA)	1,973,094	225,954	1,673,954	212,996
261102	Own wood pulp, produced at the same location ²	do.....	149,871	(X)	(NA)	(NA)	10,323,776	(X)	9,148,335	(X)
261104	Purchased (market) wood pulp ²	do.....	(D)	(D)	(NA)	(NA)	2,629,873	330,634	2,135,790	301,744
	Waste paper:									
941111	Mixed.....	Short tons..	-	-	(D)	(D)	386,707	22,264	1,099,492	58,771
941112	News.....	do.....	6,524	119	(D)	(D)	46,488	1,888		
941113	Corrugated.....	do.....	(D)	(D)	(D)	(D)	79,413	2,598		
941114	High grade pulp substitutes..	do.....	(D)	(D)	(D)	(D)	222,798	16,710		
941115	High grade deinking.....	do.....	27,500	1,477	(D)	(D)	401,563	19,671		
	Other materials:									
209131	Cotton linters.....	1,000 lbs...	116,877	4,655	(D)	(D)	32,420	3,825	32,860	8,258
261122	Linter pulp.....	Short tons..	-	-	(D)	(D)	24,776	6,166		
941259	Other fibrous materials, including rags, straw and bagasse.....	do.....	3,750	496	(D)	(D)	183,163	27,323	193,718	24,156
149901	Asbestos.....	do.....	-	-	(NA)	(NA)	2,818	168	(NA)	(NA)
291199	Asphalt.....	do.....	-	-	-	-	16,596	675	(NA)	(NA)
145501	Kaolin and ball clay.....	do.....	15,129	630	(NA)	(NA)	1,126,536	37,705	(NA)	(NA)
204609	Starch.....	1,000 lbs...	5,752	1,006	(NA)	(NA)	661,435	49,769	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	70,674	(X)	38,550	(NA)	445,915	(NA)	541,661
970000	All other materials, components, parts, containers and supplies, n.s.k.....		(X)	15,952	(NA)	(NA)	(X)	54,091	(NA)	(NA)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2631.—PAPERBOARD MILLS				INDUSTRY 2661.—BUILDING PAPER AND BOARD MILLS			
	Materials and supplies, total.....		(X)	988,392	(X)	743,101	(X)	101,458	(X)	121,243
	Pulpwood:									
	Softwood bolts and logs: ¹									
241101	Spruce and true fir.....	Cords of 128 cu. ft.	63,229	1,151	(D)	(D)	8,485	168	93,883	2,680
241102	Hemlock.....	do.....	63,244	1,410	(D)	(D)	-	-	-	-
241103	Jack pine.....	do.....	20,786	262	(D)	(D)	53,028	891	92,850	2,124
241104	Southern pine.....	do.....	10,154,828	205,796	7,529,954	150,794	318,331	5,605	306,427	5,146
241105	Other softwoods (including Douglas fir).....	do.....	292,533	3,461	(D)	(D)	70,446	966	159,055	2,789
242901	Chips.....	do.....	3,916,422	56,039	1,606,012	26,096	207,475	3,095	185,554	2,569
242015	Slabs, cores, and other mill waste.....	do.....	122,325	1,925	(D)	(D)	(D)	(D)	(D)	(D)
	Hardwood bolts and logs: ¹									
241106	Northern mixed hardwoods...	do.....	215,394	3,333	246,557	4,109	(D)	(D)	(D)	(D)
241107	Poplar (aspen and popple)...	do.....	438,500	4,772	240,201	3,861	(D)	(D)	(D)	(D)
241108	Southern mixed hardwoods...	do.....	456,959	7,181	765,800	11,591	-	-	(D)	(D)
*241109	Other hardwoods.....	do.....	451,735	6,567	168,057	2,614	78,798	1,228	70,709	1,156
242013	Slabs, chips, cores, and other mill waste.....	do.....	393,293	5,537	(D)	(D)	27,992	475	69,157	1,126
	Chemicals:									
147701	Sulfur.....	Long tons...	70,801	2,389	42,873	1,535	-	-	(D)	(D)
281211	Chlorine.....	Short tons..	144,441	9,976	114,204	8,183	-	-	(D)	(D)
281238	Sodium hydroxide (caustic soda).....	Short tons (100% NaOH)	117,371	6,764	107,533	6,166	(D)	(D)	(D)	(D)
281228	Sodium carbonate (soda ash)...	Short tons (98-100% Na ₂ CO ₃)....	172,894	6,690	145,247	5,988	(D)	(D)	(D)	(D)
281976	Sodium sulfate (including salt cake).....	Short tons.. (100% Na ₂ SO ₄)....	552,486	16,977	367,305	12,130	-	-	(D)	(D)
281611	Titanium dioxide, composite and pure.....	1,000 lbs. (100% TiO ₂)	16,019	4,095	(NA)	(NA)	1,792	543	(NA)	(NA)
281961	Aluminum sulfate.....	Short tons (17% Al ₂ O ₃)	225,339	8,688	(NA)	(NA)	10,864	375	(NA)	(NA)
286101	Rosin.....	1,000 lbs..	11,553	1,366	(NA)	(NA)	(D)	(D)	(NA)	(NA)
289119	Rosin sizing.....	do.....	219,598	22,549	(NA)	(NA)	8,707	483	(NA)	(NA)
327401	Lime.....	Short tons..	199,822	3,475	(NA)	(NA)	(D)	(D)	(NA)	(NA)
	Wood pulp:									
261102	Produced at affiliated or associated mills except your pulp mill at this location ² .	Short tons (air dry basis)....	300,813	23,278	262,808	26,898	14,736	534	(D)	(D)
261102	Own wood pulp, produced at the same location ²	do.....	11,307,570	(X)	7,214,950	(X)	1,130,453	(X)	1,130,649	(X)
261104	Purchased (market) wood pulp ²	do.....	419,819	44,572	360,341	49,458	31,740	3,107	41,765	3,386
	Waste paper:									
941111	Mixed.....	Short tons..	2,437,460	46,927	6,629,056	192,706	524,174	7,838	1,009,539	12,578
941112	News.....	do.....	1,732,676	38,634			114,940	1,412		
941113	Corrugated.....	do.....	2,503,305	65,988			99,848	2,223		
941114	High grade pulp substitutes..	do.....	774,592	51,498			(D)	(D)		
941115	High grade deinking.....	do.....	96,530	4,409			-	-		
	Other materials:									
209131	Cotton linters.....	1,000 lbs..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
261122	Linter pulp.....	Short tons..	(D)	(D)	(NA)	(NA)	(D)	(D)	(D)	(D)
941259	Other fibrous materials, including rags, straw and bagasse.....	do.....	77,834	2,496	183,665	4,607	338,497	6,793	604,980	11,078
149901	Asbestos.....	do.....	278	36	(NA)	(NA)	90,141	9,603	(NA)	(NA)
291199	Asphalt.....	do.....	24,763	774	(NA)	(NA)	97,517	3,583	(NA)	(NA)
145501	Kaolin and ball clay.....	do.....	103,245	4,055	(NA)	(NA)	11,719	367	(NA)	(NA)
204609	Starch.....	1,000 lbs..	205,446	16,456	(NA)	(NA)	48,730	2,510	(NA)	(NA)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958		1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
970099	All other materials, and components, parts, containers, and supplies consumed,.....	.....	INDUSTRY 2631.—PAPERBOARD MILLS—Continued				INDUSTRY 2661.—BUILDING PAPER AND BOARD MILLS—Continued			
			(X)	260,699	(X)	223,222	(X)	40,544	(X)	69,800
970000	All other materials, components, parts, containers and supplies, n.s.k.....	.....	(X)	48,106	(NA)	(NA)	(X)	5,416	(NA)	(NA)

*Code change in computer to 241119.

-Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. n.s.k. Not specified by kind.

(X) Not applicable.

¹The differences between the quantities of pulpwood consumed as reported in the 1963 Census of Manufactures and the corresponding totals reported in the Current Industrial Reports, Series M26A, 1963 Pulp, Paper and Board, are accounted for almost entirely by plants reporting in the M26A survey but are not classified in the industries included in this report. For example: (a) plants which primarily produce hard pressed wood fiberboard and are now classified in industry 2499, Wood Products, N.E.C.; (b) building board mills who perform asphalt coating operations at their primary mills are classified in industry 2952, Asphalt Felts and Coating.

²The data shown in this table represent consumption by mills classified in the industries shown in this report. Mills which primarily produce hard pressed wood fiberboard are classified in industry 2499, Wood Products, N.E.C., and mills which primarily perform asphalt coating operations at their primary mill locations are classified in industry 2952, Asphalt Felts and Coating. The data shown in tables 7E, F, and G represent consumption of all known producers of paper and board.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Pulp mills (SIC 2611)	Paper mills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills (SIC 2661)
Total cost of purchased fuels and electric energy.....\$1,000..	29,995	197,513	122,102	30,732
Total cost of purchased fuels.....do....	23,566	130,424	93,401	18,163
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	533	7,714	5,511	567
Cost.....\$1,000..	4,608	63,969	43,069	6,019
Coke and breeze:				
Quantity.....1,000 short tons..	-	98	-	-
Cost.....\$1,000..	-	795	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	3,447	11,368	11,218	1,038
Cost.....\$1,000..	8,356	29,472	26,849	2,704
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	28,067	106,096	75,936	25,136
Cost.....\$1,000..	9,169	31,680	21,406	8,185
Other fuels.....do....	1,433	4,508	2,077	1,255
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	1,138	8,294	3,192	1,420
Cost.....\$1,000..	6,429	67,089	28,701	12,569
Generated less sold.....million kw.-hrs..	2,053	11,365	7,154	621
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	1,127	5,838	2,868	727
Prime movers, total.....do....	514	3,161	1,905	197
Driving generators.....do....	445	2,628	1,659	169
Not driving generators.....do....	69	533	246	28
Electric motors, total.....do....	1,168	6,239	2,817	678
Driven by purchased energy.....do....	613	2,677	963	530
Driven by energy generated at establishment.....do....	555	3,562	1,854	148
Aggregate horsepower per 100 production workers.....	10,188	5,370	6,088	4,191

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero.

TABLE 7C. Consumption of Wood Pulp and Other Fibrous Material, by Type, in the Manufacture of Specified Grades of Paper and Board: 1963

(All figures in tons of 2,000 – air dry)

Major grades of paper and board	1963 production of paper and board ¹	Consumption of wood pulp and other fibrous materials							
		Total consumption for all grades of paper and board		Dissolving and special alpha	1963				
					Sulfite				
		1963 ²	1958		Bleached	Unbleached			
TOTAL.....	39,230,560	41,115,785	32,251,563	93,010	2,487,131	652,013			
PAPER									
Newsprint.....	2,213,409	2,311,572	1,925,428	-	(D)	191,592			
Groundwood paper, uncoated.....	956,410	966,488	870,028	-	43,766	132,065			
Coated printing and converting paper ³	2,401,244	2,126,320	1,275,020	(D)	220,415	72,163			
Book paper, uncoated.....	1,886,278	1,653,959	1,679,862	6,867	287,363	6,721			
Fine paper.....	2,103,609	2,114,432	1,596,529	30,526	530,474	30,173			
Coarse paper.....	4,250,907	4,489,270	3,865,047	(D)	146,165	39,014			
Special industrial paper.....	911,570	1,259,486	715,956	36,587	106,829	11,076			
Sanitary and tissue paper.....	2,576,406	2,908,902	2,072,450	8,986	1,034,296	77,318			
BOARD									
Container board.....	10,425,061	11,461,484	7,961,832	-	(D)	(D)			
Bending board:									
Special food board.....	1,737,034	1,811,563	1,130,110	-	37,983	5,099			
Other.....	3,405,058	4,328,213	3,129,627	(D)	47,628	32,888			
Nonbending, special paperboard, card- board, and wet machine board.....	2,812,955	1,856,824	2,550,132	-	10,664	8,873			
Construction paper.....	1,452,588	1,655,302	1,444,422	-	(D)	(D)			
Hard board and insulating board.....	2,098,031	2,171,970	2,035,120	-	(D)	(D)			
Consumption of wood pulp and other fibrous materials—Continued									
1963—Continued									
Sulfate				Groundwood, bleached and unbleached	Semi- chemical	Soda defibrated screenings, etc.	Waste paper	All other fibrous material	
Bleached softwood	Bleached hardwood	Semi- bleached	Unbleached						
TOTAL.....	3,817,103	2,483,663	1,808,998	10,590,372	3,589,676	2,681,431	2,016,488	9,611,185	1,284,715
PAPER									
Newsprint.....	2,348	(D)	371,384	(D)	1,563,713	(D)	(D)	91,022	(D)
Groundwood paper, uncoated.....	(D)	11,862	41,494	(D)	636,305	(D)	(D)	44,341	(D)
Coated printing and converting paper ³	381,942	435,216	167,060	8,170	442,904	30,672	95,838	266,821	(D)
Book paper, uncoated.....	422,884	413,459	63,415	21,154	20,837	58,672	157,263	194,963	361
Fine paper.....	468,067	335,788	58,423	92,737	11,138	133,625	126,205	100,874	196,402
Coarse paper.....	613,692	165,767	229,177	3,092,741	6,715	(D)	15,221	130,726	4,170
Special industrial paper.....	200,769	115,129	269,117	102,467	6,077	3,717	5,961	164,785	236,972
Sanitary and tissue paper.....	490,285	331,215	24,471	78,384	215,914	(D)	45,081	464,790	(D)
BOARD									
Container board.....	156,393	73,066	64,549	6,790,994	39,307	1,995,939	88,390	2,197,985	20,754
Bending board:									
Special food board.....	684,553	395,634	433,983	(D)	21,136	(D)	10,370	164,570	(D)
Other.....	295,798	158,665	71,613	169,556	43,925	26,467	(D)	3,426,440	35,803
Nonbending, special paperboard, card- board, and wet machine board.....	45,791	46,810	9,907	171,123	19,360	28,165	8,926	1,474,326	32,879
Construction paper.....	-	-	(D)	(D)	31,860	(D)	447,873	792,663	346,035
Hard board and insulating board.....	(D)	(D)	(D)	(D)	530,485	245,649	996,867	96,879	266,641

Source: Current Industrial Reports, Series M26A, 1963 Pulp, Paper and Board.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not Available. (X) Not applicable.

¹The production data shown in this column represents total production of paper and board regardless of the industry classification of the various grades.

²The consumption of wood pulp and other fibrous materials data which appear in this table will not agree with that shown in table 7A. The consumption data shown in this table represents consumption of the specific materials by all known producers of paper and board in the United States. Table 7A presents consumption data only for those plants which are classified in the industries shown in this report.

³This product data will not agree with the data shown in table 6A which excludes conversion coated printing and converting paper performed at primary mill locations (see table 6A of final report MC63-26B, Converted Paper and Paperboard Products, Except Containers and Boxes, product codes 2641112 and 2641152). This data includes the conversion coated paper but does not include conversion coating performed by independent converters who do not make paper.

⁴Data for Building Board Mills which perform asphalt coatings operations at their primary mills are classified in industry 2952, Asphalt Felts and Coatings.

⁵Due to a 1963 Standard Industrial Classification change affecting hard pressed wood fiberboard, mills which primarily produced this product are now classified in industry 2499, Wood Products, N.E.C.

TABLE 7D. **Pulpwood Consumed in the Manufacture of Wood Pulp, by Kind of Wood, by Geographic Areas: 1963**

(Cords of 128 cubic feet)

Geographic area	Softwood							
	Total softwoods (SIC 240003)	Bolts and logs					Mill waste	
		Spruce and true fir (SIC 241101)	Hemlock (SIC 241102)	Jack pine (SIC 241103)	Southern pine (SIC 241104)	Other softwoods (SIC 241105)	Chips (SIC 24901)	Slabs, etc. (SIC 242015)
United States, total.....	¹ 34,605,429	3,082,909	2,656,328	783,261	17,406,661	1,736,977	8,236,437	702,856
Northeast.....	2,942,372	2,135,530	(D)	154,541	66,638	197,840	163,776	(D)
New England.....	2,272,801	1,854,984	(D)	(D)	-	65,538	148,460	-
Maine.....	1,943,025	1,650,838	173,393	-	-	(D)	(D)	-
New Hampshire.....	294,825	(D)	16,256	-	-	(D)	78,950	-
Vermont.....	(D)	(D)	-	-	-	-	-	-
Rhode Island.....	(D)	-	-	(D)	-	-	-	-
Middle Atlantic.....	669,571	280,546	(D)	(D)	66,638	132,302	15,316	(D)
New York.....	298,174	221,823	(D)	-	-	57,352	(D)	12,420
New Jersey.....	48,033	(D)	-	(D)	(D)	19,558	(D)	(D)
Pennsylvania.....	323,364	56,385	14,166	(D)	(D)	55,392	11,364	(D)
North Central.....	1,692,924	628,177	(D)	607,934	(D)	(D)	(D)	10,899
East North Central.....	1,318,820	474,998	(D)	(D)	(D)	(D)	(D)	10,899
Ohio.....	(D)	(D)	-	(D)	-	-	(D)	(D)
Illinois.....	(D)	-	-	-	(D)	(D)	-	(D)
Michigan.....	162,228	(D)	(D)	-	-	10,229	-	-
Wisconsin.....	1,108,203	(D)	100,348	(D)	-	(D)	(D)	-
West North Central.....	374,104	153,179	-	(D)	-	(D)	-	-
Minnesota.....	366,584	153,179	-	(D)	-	(D)	-	-
Missouri.....	(D)	-	-	-	-	(D)	-	-
South.....	20,395,952	-	-	(D)	17,323,819	(D)	2,806,707	126,177
South Atlantic.....	12,885,467	-	-	(D)	11,176,965	(D)	1,464,885	(D)
Maryland.....	(D)	-	-	-	(D)	(D)	-	-
Virginia.....	(D)	-	-	-	1,260,861	-	(D)	-
North Carolina.....	1,481,810	-	-	(D)	1,409,481	-	(D)	-
South Carolina.....	1,392,158	-	-	-	(D)	-	324,844	-
Georgia.....	4,568,707	-	-	-	4,118,981	-	(D)	(D)
Florida.....	3,824,247	-	-	-	3,312,606	-	511,641	-
East South Central.....	2,900,543	-	-	-	2,671,718	-	222,645	(D)
Tennessee.....	(D)	-	-	-	(D)	-	-	(D)
Alabama.....	1,787,874	-	-	-	(D)	-	(D)	-
Mississippi.....	(D)	-	-	-	(D)	-	(D)	-
West South Central.....	4,609,942	-	-	-	3,475,136	(D)	1,119,177	(D)
Arkansas.....	(D)	-	-	-	(D)	-	380,186	-
Louisiana.....	2,334,589	-	-	-	1,934,641	-	(D)	(D)
Oklahoma.....	(D)	-	-	-	-	(D)	(D)	-
Texas.....	936,991	-	-	-	(D)	-	(D)	-
West.....	9,574,181	319,202	2,294,893	(D)	(D)	1,214,393	(D)	(D)
Mountain.....	1,129,211	(D)	-	(D)	-	(D)	(D)	(D)
Montana.....	(D)	(D)	-	(D)	-	(D)	-	-
Idaho.....	(D)	-	-	-	-	(D)	(D)	(D)
Arizona.....	(D)	-	-	-	-	(D)	(D)	-
Pacific.....	8,444,970	(D)	2,294,893	-	(D)	(D)	4,901,796	287,311
Washington.....	5,331,502	(D)	1,461,763	-	(D)	(D)	3,024,149	(D)
Oregon.....	(D)	(D)	204,061	-	-	(D)	1,174,552	(D)
California.....	(D)	-	-	-	-	-	(D)	-
Alaska.....	(D)	(D)	(D)	-	-	-	-	-
Geographic area	Hardwood							Slabs, chips, cores, and other mill waste (SIC 242013)
	Total hardwoods (SIC 240002)	Bolts and logs				Other hardwoods (SIC 241109)		
		Northern mixed hardwoods (SIC 241106)	Poplar (aspen and popple) (SIC 241107)	Southern mixed hardwoods (SIC 241108)				
United States, total.....	¹ 10,120,621	1,888,486	1,716,520	4,537,464	1,172,038		806,113	
Northeast.....	1,639,385	1,240,839	(D)	-	149,447		(D)	
New England.....	763,144	691,222	(D)	-	(D)		(D)	
Maine.....	499,791	450,397	(D)	-	-		(D)	
New Hampshire.....	(D)	(D)	-	-	-		-	
Massachusetts.....	(D)	-	-	-	(D)		-	
Rhode Island.....	(D)	(D)	-	-	-		-	

See footnotes at end of table.

TABLE 7D. **Pulpwood Consumed in the Manufacture of Wood Pulp, by Kind of Wood, by Geographic Areas: 1963—Continued**

(Cords of 128 cubic feet)

Geographic area	Hardwood					
	Total hardwoods (SIC 240002)	Bolts and logs				Slabs, chips, cones, and other mill waste (SIC 242013)
		Northern mixed hardwood (SIC 241106)	Poplar (aspen and popple) (SIC 241106)	Southern mixed hardwood (SIC 241108)	Other hardwoods (SIC 241109)	
Northeast--Continued						
Middle Atlantic.....	876,241	549,617	(D)	(D)	(D)	51,863
New York.....	(D)	(D)	112,706	-	(D)	(D)
New Jersey.....	(D)	-	-	-	(D)	(D)
Pennsylvania.....	386,744	(D)	(D)	-	34,627	(D)
North Central.....	2,441,498	362,955	1,517,018	(D)	(D)	286,110
East North Central.....	1,998,613	347,473	(D)	(D)	189,285	279,196
Ohio.....	(D)	(D)	-	-	(D)	143,966
Indiana.....	(D)	(D)	(D)	-	-	-
Illinois.....	92,878	(D)	-	(D)	(D)	(D)
Michigan.....	385,616	(D)	(D)	-	(D)	-
Wisconsin.....	1,081,280	(D)	749,408	-	(D)	(D)
West North Central.....	442,885	(D)	(D)	-	72,874	(D)
Minnesota.....	(D)	-	(D)	-	(D)	(D)
Iowa.....	(D)	(D)	-	-	(D)	(D)
Missouri.....	(D)	-	-	-	(D)	-
South.....	5,494,696	(D)	-	4,524,208	(D)	406,310
South Atlantic.....	2,789,348	(D)	-	1,994,429	(D)	364,067
Maryland.....	(D)	(D)	-	-	-	-
Virginia.....	616,789	-	-	(D)	(D)	37,599
North Carolina.....	475,691	-	-	(D)	(D)	52,512
South Carolina.....	378,876	-	-	(D)	-	(D)
Georgia.....	758,488	-	-	(D)	-	(D)
Florida.....	(D)	-	-	(D)	83,578	137,037
East South Central.....	1,754,000	-	-	1,676,990	(D)	(D)
Tennessee.....	(D)	-	-	(D)	(D)	-
Alabama.....	671,828	-	-	(D)	-	(D)
Mississippi.....	(D)	-	-	(D)	-	(D)
West South Central.....	951,348	-	-	852,789	(D)	(D)
Arkansas.....	(D)	-	-	168,955	(D)	(D)
Louisiana.....	474,573	-	-	447,034	(D)	(D)
Oklahoma.....	(D)	-	-	-	(D)	-
Texas.....	(D)	-	-	236,800	27,872	(D)
West.....	545,042	(D)	(D)	-	419,164	(D)
Pacific.....	545,042	(D)	(D)	-	419,164	(D)
Washington.....	396,314	(D)	-	-	322,811	(D)
Oregon.....	(D)	-	(D)	-	29,429	42,764
California.....	(D)	-	-	-	66,924	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

¹The differences between the quantities of pulpwood consumed as reported in the 1963 Census of Manufactures and the corresponding totals reported in the Current Industrial Reports, Series M26A, 1963 Pulp, Paper and Board, are accounted for almost entirely by plants reporting in the M26A survey but are not classified in the industries included in this report. For example: (a) plants which primarily produce hard pressed wood fiberboard are now classified in industry 2499, Wood Products, N.E.C.; (b) building board mills who perform asphalt coating operations at their primary mills are classified in industry 2952, Asphalt Felts and Coatings.

TABLE 7E. Wood Pulp Consumed in the Manufacture of Paper and Board, by Type of Pulp, by Geographic Areas: 1963

(Short tons)

Geographic area	Total	Dissolving and special alpha grades	Sulfite		Sulfate			Soda	Groundwood, bleached and unbleached	Semi-chemical	Defibrated or exploded	Screenings, damaged, etc.
			Bleached	Unbleached	Bleached (brightness over 75)	Semi-bleached (brightness 44 thru 75)	Unbleached					
United States, total.....	130,219,885	93,010	2,487,131	652,013	6,300,766	1,808,998	10,590,372	412,825	3,589,676	2,681,431	1,442,719	160,944
Northeast.....	5,157,799	(D)	992,029	359,986	1,589,257	149,716	209,015	132,941	1,089,504	390,181	(D)	17,071
New England.....	2,813,573	46,096	527,672	269,615	700,173	93,824	130,062	(D)	(D)	(D)	(D)	4,425
Maine.....	1,841,971	(D)	302,739	254,043	411,387	(D)	(D)	(D)	806,754	(D)	(D)	(D)
New Hampshire...	284,054	(D)	(D)	(D)	75,948	25,258	(D)	(D)	(D)	(D)	(D)	(D)
Vermont.....	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts...	435,870	32,973	128,262	6,455	148,133	38,005	41,648	31,558	(D)	(D)	(D)	(D)
Rhode Island....	(D)	-	-	-	-	-	-	-	-	-	(D)	-
Connecticut.....	92,079	(D)	28,322	4,557	(D)	10,228	7,026	214	(D)	-	(D)	-
Middle Atlantic...	2,344,226	25,046	464,357	90,371	889,084	55,892	78,953	(D)	(D)	(D)	(D)	12,646
New York.....	1,063,460	19,353	246,720	40,500	318,630	27,703	33,268	(D)	190,286	110,658	(D)	7,193
New Jersey.....	252,275	(D)	29,047	(D)	79,966	(D)	19,382	(D)	(D)	(D)	62,439	(D)
Pennsylvania....	1,028,491	(D)	188,590	(D)	490,488	(D)	26,303	32,920	41,213	(D)	(D)	(D)
North Central.....	4,749,906	(D)	904,616	122,169	1,169,473	185,866	234,549	(D)	(D)	(D)	389,421	(D)
East North Central	3,942,763	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ohio.....	681,960	(D)	48,631	7,185	268,102	75,098	13,213	(D)	(D)	(D)	41,099	(D)
Indiana.....	(D)	-	(D)	(D)	(D)	4,137	(D)	(D)	(D)	(D)	(D)	-
Illinois.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	81,383	(D)
Michigan.....	1,094,141	(D)	201,159	39,461	326,853	(D)	58,736	30,285	58,479	222,053	(D)	(D)
Wisconsin.....	1,851,346	(D)	568,308	61,030	442,060	36,958	151,751	5,239	280,998	254,400	(D)	26,442
West North Central	807,143	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota.....	671,020	-	67,195	(D)	106,084	37,976	(D)	(D)	192,726	78,209	116,469	(D)
Iowa.....	(D)	-	(D)	(D)	(D)	-	(D)	-	-	(D)	-	-
Missouri.....	(D)	-	-	-	-	(D)	-	-	(D)	(D)	(D)	-
Kansas.....	(D)	-	(D)	(D)	(D)	-	-	-	-	-	-	-
South.....	15,948,248	(D)	66,147	(D)	2,880,091	1,243,751	8,445,690	(D)	1,389,399	1,179,407	588,907	(D)
South Atlantic....	9,151,562	(D)	15,489	(D)	1,264,045	425,548	6,364,572	7,654	241,680	745,095	60,030	(D)
Delaware.....	(D)	-	(D)	-	(D)	-	-	(D)	(D)	(D)	-	-
Maryland.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	-
Virginia.....	1,381,283	(D)	(D)	(D)	(D)	(D)	571,553	(D)	(D)	268,091	-	(D)
West Virginia...	(D)	-	-	-	(D)	(D)	(D)	-	-	-	-	-
North Carolina..	1,309,497	-	-	-	(D)	(D)	(D)	-	-	(D)	(D)	-
South Carolina..	1,340,731	-	-	-	(D)	(D)	(D)	-	(D)	251,835	-	(D)
Georgia.....	2,716,315	-	(D)	(D)	(D)	(D)	2,263,619	(D)	(D)	(D)	(D)	-
Florida.....	2,152,078	-	-	(D)	(D)	(D)	2,017,352	-	(D)	-	-	-
East South Central	3,319,187	-	(D)	(D)	(D)	(D)	(D)	(D)	778,802	(D)	(D)	(D)
Tennessee.....	925,526	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-
Alabama.....	1,632,892	-	-	-	691,862	168,281	383,425	-	338,383	(D)	(D)	(D)
Mississippi.....	760,769	-	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-
West South Central	3,477,499	-	(D)	(D)	(D)	(D)	(D)	(D)	368,917	(D)	(D)	(D)
Arkansas.....	(D)	-	-	-	(D)	(D)	420,001	-	(D)	-	-	-
Louisiana.....	1,731,582	-	(D)	(D)	(D)	(D)	972,502	-	(D)	212,716	(D)	(D)
Oklahoma.....	(D)	-	(D)	-	-	-	(D)	-	(D)	(D)	(D)	-
Texas.....	675,211	-	-	(D)	(D)	164,239	(D)	(D)	(D)	-	(D)	(D)
West.....	4,363,932	-	524,339	(D)	661,945	229,665	1,701,118	(D)	(D)	(D)	(D)	(D)
Mountain.....	462,101	-	-	(D)	(D)	(D)	(D)	-	(D)	-	-	-
Montana.....	(D)	-	-	(D)	(D)	-	(D)	-	-	-	-	-
Idaho.....	(D)	-	-	(D)	(D)	-	-	-	-	-	-	-
New Mexico.....	(D)	-	-	-	-	-	-	-	(D)	-	-	-
Arizona.....	(D)	-	-	-	-	(D)	(D)	-	(D)	-	-	-
Pacific.....	3,901,831	-	524,339	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington.....	2,014,093	-	377,413	(D)	298,161	128,541	788,600	-	256,268	(D)	(D)	(D)
Oregon.....	1,270,354	-	86,858	(D)	(D)	(D)	486,196	-	254,273	(D)	167,921	(D)
California.....	617,384	-	60,068	2,911	11,440	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Source: Current Industrial Reports, Series M26A, 1963 Pulp, Paper and Board.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Data shown in this table will not agree with table 7A. The wood pulp data shown in this table represent consumption by all known producers of paper and board. However, the data shown in table 7A represents consumption by plants classified in the industries shown in this report. Mills which primarily produce hard pressed wood fiberboard are classified in industry 2499, Wood Products, N.E.C. Mills which perform asphalt coatings operations at their primary mills are classified in industry 2952, Asphalt Felts and Coatings.

TABLE 7F. Consumption of Own Wood Pulp in the Manufacture of Paper and Board, by Type of Pulp, by Geographic Areas: 1963

(Short tons)

Geographic area	Total	Dissolving and special alpha grades	Sulfite		Sulfate			Soda	Groundwood, bleached and unbleached	Semi-chemical	Defibrated or exploded	Screenings, damaged, etc.
			Bleached	Unbleached	Bleached (brightness over 75)	Semi-bleached (brightness 14 thru 75)	Unbleached					
United States, total.....	126,840,385	(D)	1,733,535	468,401	4,860,546	1,495,860	10,304,274	328,597	3,426,669	2,656,053	1,417,402	(D)
Northeast.....	3,483,931	(D)	571,849	(D)	(D)	(D)	(D)	105,144	1,002,726	(D)	(D)	(D)
New England.....	2,086,681	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Maine.....	1,687,644	(D)	297,924	223,820	311,716	(D)	-	-	(D)	(D)	-	(D)
New Hampshire....	201,556	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)	-	(D)
Vermont.....	(D)	-	(D)	-	(D)	-	(D)	-	(D)	-	-	-
Massachusetts....	46,815	(D)	(D)	-	(D)	(D)	(D)	(D)	-	(D)	-	-
Rhode Island.....	(D)	-	-	-	-	-	-	-	-	-	(D)	-
Connecticut.....	(D)	-	(D)	-	(D)	-	-	-	-	-	(D)	-
Middle Atlantic....	1,397,250	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New York.....	611,693	-	84,978	(D)	139,160	(D)	(D)	(D)	178,697	110,658	(D)	(D)
New Jersey.....	90,447	-	-	-	(D)	-	-	-	-	(D)	62,439	-
Pennsylvania.....	695,110	-	(D)	(D)	336,565	-	(D)	(D)	(D)	(D)	(D)	(D)
North Central.....	3,639,683	-	(D)	(D)	712,548	(D)	(D)	(D)	(D)	(D)	(D)	(D)
East North Central.	2,948,248	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ohio.....	451,451	-	(D)	(D)	189,427	(D)	-	(D)	-	(D)	41,099	-
Indiana.....	(D)	-	-	-	(D)	(D)	-	-	-	(D)	-	-
Illinois.....	(D)	-	(D)	-	-	-	(D)	-	-	(D)	81,383	-
Michigan.....	712,038	-	(D)	(D)	190,583	(D)	(D)	(D)	(D)	222,053	(D)	(D)
Wisconsin.....	1,519,452	-	514,655	(D)	249,073	(D)	(D)	-	274,386	(D)	(D)	(D)
West North Central.	691,435	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	180,087	(D)	(D)
Minnesota.....	581,286	-	(D)	(D)	(D)	(D)	(D)	(D)	192,726	78,209	(D)	(D)
Iowa.....	(D)	-	-	-	-	-	-	-	-	(D)	-	-
Missouri.....	(D)	-	-	-	-	-	-	-	-	(D)	(D)	-
South.....	15,578,610	-	(D)	-	2,662,669	(D)	8,405,947	(D)	1,361,016	(D)	(D)	(D)
South Atlantic.....	9,038,142	-	-	-	1,209,639	(D)	6,342,028	(D)	(D)	(D)	(D)	(D)
Maryland.....	(D)	-	-	-	(D)	(D)	(D)	-	-	(D)	-	-
Virginia.....	1,352,202	-	-	-	(D)	(D)	(D)	-	(D)	268,091	-	(D)
North Carolina....	(D)	-	-	-	(D)	(D)	(D)	-	-	(D)	(D)	-
South Carolina....	(D)	-	-	-	(D)	(D)	(D)	-	(D)	251,835	-	(D)
Georgia.....	(D)	-	-	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-
Florida.....	(D)	-	-	-	(D)	(D)	2,017,352	(D)	-	-	-	-
East South Central.	(D)	-	(D)	-	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Tennessee.....	(D)	-	(D)	-	(D)	(D)	(D)	-	(D)	(D)	-	-
Alabama.....	1,578,418	-	-	-	(D)	168,281	(D)	-	(D)	(D)	(D)	(D)
Mississippi.....	(D)	-	-	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-
West South Central.	(D)	-	-	-	(D)	(D)	(D)	-	356,188	(D)	(D)	(D)
Arkansas.....	(D)	-	-	-	(D)	(D)	420,001	-	(D)	-	-	-
Louisiana.....	1,661,076	-	-	-	(D)	(D)	972,502	-	(D)	212,716	(D)	(D)
Oklahoma.....	(D)	-	-	-	-	-	-	-	-	(D)	(D)	-
Texas.....	(D)	-	-	-	(D)	(D)	(D)	-	(D)	-	(D)	(D)
West.....	4,138,161	-	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Mountain.....	(D)	-	-	-	(D)	(D)	(D)	-	(D)	-	-	-
Montana.....	(D)	-	-	-	(D)	-	(D)	-	-	-	-	-
Idaho.....	(D)	-	-	-	(D)	-	-	-	-	-	-	-
Arizona.....	(D)	-	-	-	-	(D)	(D)	-	(D)	-	-	-
Pacific.....	(D)	-	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Washington.....	1,905,992	-	(D)	(D)	280,810	(D)	(D)	-	(D)	(D)	(D)	(D)
Oregon.....	1,258,873	-	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)	167,921	(D)
California.....	(D)	-	(D)	(D)	66,111	(D)	(D)	-	(D)	(D)	(D)	(D)

Source: Current Industrial Reports, Series M26A, 1963 Pulp, Paper and Board.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Data shown in this table will not agree with table 7A. The wood pulp data shown in the table represents consumption by all known producers of paper and board. However, the data shown in table 7A represents consumption by plants classified in the industries shown in this report. Mills which primarily produce hard pressed wood fiberboard are classified in industry 2499, Wood Products, N.E.C. Mills which perform asphalt coatings operations at their primary mills are classified in industry 2952, Asphalt Felts and Coatings.

TABLE 7G. Consumption of Purchased Wood Pulp in the Manufacture of Paper and Board, by Type of Pulp, by Geographic Areas: 1963

Geographic area	Total	Dissolving and special alpha grades	Sulfite		Sulfate			Soda	Groundwood, bleached and unbleached	Semi-chemical	Defibrated or exploded	Screenings, damaged, etc.
			Bleached	Unbleached	Bleached (brightness over 75)	Semi-bleached (brightness 44 thru 75)	Unbleached					
United States, total.....	13,379,500	(D)	753,596	183,612	1,440,220	313,138	286,098	84,228	163,007	25,378	25,317	(D)
Northeast.....	1,673,868	(D)	420,180	(D)	(D)	(D)	(D)	27,797	86,778	(D)	(D)	(D)
New England.....	726,892	(D)	(D)	(D)	(D)	(D)	(D)	(D)	28,929	(D)	(D)	(D)
Maine.....	154,327	-	4,815	30,223	99,671	(D)	(D)	(D)	(D)	-	-	(D)
New Hampshire.....	82,498	(D)	7,060	(D)	(D)	25,258	(D)	(D)	(D)	-	(D)	(D)
Vermont.....	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
Massachusetts.....	389,055	32,973	(D)	6,455	(D)	(D)	(D)	(D)	(D)	(D)	-	-
Connecticut.....	(D)	(D)	(D)	4,557	(D)	10,228	7,026	214	(D)	-	-	-
Middle Atlantic...	946,976	25,046	(D)	(D)	(D)	(D)	(D)	(D)	57,849	(D)	-	(D)
New York.....	451,767	19,353	161,742	(D)	179,470	(D)	(D)	(D)	11,589	-	-	(D)
New Jersey.....	161,828	(D)	29,047	(D)	(D)	(D)	19,382	(D)	(D)	(D)	-	(D)
Pennsylvania....	333,381	(D)	(D)	(D)	153,923	(D)	(D)	(D)	(D)	-	-	(D)
North Central.....	1,110,223	(D)	(D)	(D)	456,925	(D)	(D)	53,316	21,323	(D)	(D)	12,871
East North Central	994,515	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
Ohio.....	230,509	(D)	(D)	(D)	78,675	(D)	13,213	(D)	(D)	-	-	(D)
Indiana.....	18,024	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-
Illinois.....	31,985	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
Michigan.....	382,103	(D)	(D)	(D)	136,270	(D)	(D)	(D)	(D)	-	-	-
Wisconsin.....	331,894	(D)	53,653	(D)	192,987	(D)	(D)	5,239	6,612	(D)	-	(D)
West North Central	115,708	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota.....	89,734	-	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)	(D)
Iowa.....	(D)	-	(D)	(D)	(D)	-	(D)	-	-	-	-	-
Missouri.....	(D)	-	-	-	-	(D)	-	-	(D)	-	-	-
Kansas.....	(D)	-	(D)	(D)	(D)	-	-	-	-	-	-	-
South.....	369,638	(D)	(D)	(D)	217,422	(D)	39,743	(D)	28,383	(D)	(D)	-
South Atlantic....	113,420	(D)	15,489	(D)	54,406	(D)	22,544	(D)	(D)	(D)	(D)	-
Delaware.....	(D)	-	(D)	-	(D)	-	-	(D)	(D)	(D)	-	-
Maryland.....	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	-	-
Virginia.....	29,081	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	-
West Virginia....	(D)	-	-	-	(D)	(D)	(D)	-	-	-	-	-
North Carolina..	(D)	-	-	-	(D)	-	(D)	-	-	-	(D)	-
South Carolina..	(D)	-	-	-	-	-	(D)	-	-	-	-	-
Georgia.....	(D)	-	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-
Florida.....	(D)	-	-	(D)	-	-	-	-	(D)	-	-	-
East South Central	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	-	(D)	-
Kentucky.....	(D)	(D)	-	-	-	-	(D)	-	-	-	-	-
Tennessee.....	(D)	-	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-
Alabama.....	54,474	-	-	-	(D)	-	-	-	(D)	-	(D)	-
Mississippi.....	(D)	-	(D)	-	(D)	-	(D)	-	(D)	-	-	-
West South Central	(D)	-	(D)	(D)	(D)	(D)	-	(D)	12,729	-	-	-
Arkansas.....	(D)	-	-	-	(D)	-	-	-	(D)	-	-	-
Louisiana.....	70,506	-	(D)	(D)	(D)	(D)	-	-	(D)	-	-	-
Oklahoma.....	(D)	-	(D)	-	-	-	(D)	-	(D)	-	-	-
Texas.....	(D)	-	-	(D)	(D)	(D)	-	(D)	(D)	-	-	-
West.....	225,771	-	(D)	(D)	(D)	(D)	(D)	(D)	26,523	-	-	(D)
Mountain.....	(D)	-	-	(D)	(D)	-	-	-	(D)	-	-	-
Idaho.....	(D)	-	-	(D)	(D)	-	-	-	-	-	-	-
New Mexico.....	(D)	-	-	-	-	-	-	-	(D)	-	-	-
Pacific.....	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-	-	(D)
Washington.....	108,101	-	(D)	(D)	17,351	(D)	(D)	-	(D)	-	-	(D)
Oregon.....	11,481	-	(D)	(D)	(D)	(D)	(D)	-	(D)	-	-	(D)
California.....	(D)	-	(D)	(D)	45,329	7,359	(D)	(D)	(D)	-	-	(D)

Source: Current Industrial Reports, Series M26A, 1963 Pulp, Paper and Board.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Data shown in this table will not agree with table 7A. The wood pulp data shown in this table represent consumption by all known producers of paper and board. However, the data shown in table 7A represent consumption by plants classified in the industries shown in this report. Mills which primarily produce hard pressed wood fiberboard are classified in industry 2499, Wood Products, N.E.C. Mills which perform asphalt coatings operations at their primary mills are classified in industry 2952, Asphalt Felts and Coatings.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2611-	PULP MILLS										
	Entire industry.....	45	15,123	107,359	12,242	25,156	81,018	295,804	312,600	609,050	38,899
	Establishments with—										
	90% or more specialization...	39	11,182	79,451	9,418	19,385	62,221	224,150	230,412	454,428	21,252
26111	Special alpha and dissolving wood pulp (primary product class of estab.).....	9	5,891	44,671	5,053	10,237	35,094	123,546	126,011	246,999	8,475
26112	Other pulp, (including wood) and pulp mill byproducts, except tall oil (primary product class of estab.).....	36	9,232	62,688	7,189	14,919	45,924	172,258	186,589	362,051	30,424
	Establishments with—										
	90% or more specialization....	27	4,082	27,028	3,298	7,014	20,869	78,490	83,800	162,195	12,157
2621-	PAPER MILLS, EXCEPT BUILDING										
	Entire industry.....	325	129,848	877,942	105,636	234,596	682,034	1,857,203	1,970,987	3,824,915	232,779
	Establishments with—										
	90% or more specialization..	274	91,838	624,307	75,389	168,475	487,421	1,303,418	1,443,877	2,742,242	168,467
	75-89% specialization.....	21	18,995	123,928	15,292	33,175	96,706	259,541	231,938	489,241	34,202
26211	Newsprint (primary product class of estab.).....	13	7,169	51,628	5,867	12,697	40,341	147,054	118,054	264,540	16,421
	Establishments with—										
	90% or more specialization....	4	1,334	9,861	1,127	2,692	7,992	33,436	22,890	56,425	2,239
	75-89% specialization.....	6	4,939	35,745	3,979	8,328	27,406	101,225	83,676	184,031	12,777
26212	Groundwood paper, uncoated (primary product class of estab.)....	13	6,935	45,689	5,938	13,743	38,080	86,331	94,076	180,237	9,588
	Establishments with—										
	90% or more specialization....	5	1,367	8,630	1,206	2,583	7,393	16,645	18,344	35,038	2,418
26213	Paper-machine coated paper (primary product class of estab.)....	23	23,813	163,233	19,498	43,824	128,140	323,500	315,070	637,410	44,559
	Establishments with—										
	90% or more specialization....	10	5,331	36,360	4,662	10,407	29,031	70,883	78,789	149,021	8,326
	75-89% specialization.....	4	4,962	32,700	3,856	8,788	25,809	63,268	59,033	121,432	7,112
26214	Book paper, uncoated (primary product class of estab.).....	37	17,159	118,761	13,793	32,258	92,210	233,058	258,266	489,726	29,728
	Establishments with—										
	90% or more specialization....	12	2,639	19,442	2,181	5,344	15,448	35,108	43,359	79,891	8,354
	75-89% specialization.....	6	1,408	9,059	1,203	2,753	6,448	16,356	24,437	40,620	2,042
26215	Fine paper, including thin paper (primary product class of estab.)	73	30,454	201,128	24,087	53,362	148,785	391,661	390,649	779,294	34,159
	Establishments with—										
	90% or more specialization....	36	9,101	61,363	7,133	16,125	44,570	127,382	106,282	233,930	9,536
	75-89% specialization.....	11	6,543	44,531	5,125	10,851	32,292	79,761	73,546	152,525	6,707
26216	Coarse paper (primary product class of estab.).....	51	25,013	166,879	20,832	43,673	132,885	394,243	390,682	788,885	54,163
	Establishments with—										
	90% or more specialization....	23	6,338	39,866	5,047	10,838	30,944	84,989	80,669	165,364	14,472
	75-89% specialization.....	7	2,697	17,347	2,274	4,904	14,071	42,494	52,759	95,334	6,940
26217	Special industrial paper (primary product class of estab.).....	37	6,197	38,988	4,640	10,208	28,899	74,151	82,332	155,313	12,603
	Establishments with—										
	90% or more specialization....	26	2,666	17,992	2,068	4,709	12,524	32,881	35,422	67,957	2,593
	75-89% specialization.....	3	512	3,478	399	872	2,370	7,522	10,003	17,526	382
26218	Sanitary tissue stock (primary product class of estab.).....	78	13,163	91,636	10,981	24,803	72,694	207,205	321,858	529,510	33,292
	Establishments with—										
	90% or more specialization....	69	9,874	66,666	8,322	18,888	53,493	148,067	236,676	384,297	27,787

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2631-	PAPERBOARD MILLS										
	Entire industry.....	271	63,398	429,017	51,334	113,145	326,960	1,186,224	1,131,197	2,315,954	159,528
	Establishments with—										
	90% or more specialization..	224	37,953	256,955	30,799	69,575	196,990	682,115	679,825	1,361,516	54,792
	75-89% specialization.....	19	7,022	49,589	5,738	12,674	38,160	124,423	140,167	263,489	14,723
26311	Container board (primary product class of estab.).....	89	32,927	224,910	26,386	56,018	169,078	708,629	606,846	1,317,106	76,384
	Establishments with—										
	90% or more specialization....	58	10,640	72,080	8,211	17,751	52,326	266,093	212,059	459,259	22,943
	75-89% specialization.....	9	3,765	27,782	3,162	7,149	22,670	101,898	95,952	197,247	8,992
26312	Special food board (primary product class of estab.).....	16	7,423	52,592	6,146	13,602	41,279	170,499	193,851	362,930	15,318
26313	Folding boxboard stock, except special food board (primary product class of estab.).....	74	13,727	93,015	11,126	25,937	72,256	201,776	217,547	419,171	59,258
	Establishments with—										
	90% or more specialization....	28	3,161	25,811	2,904	7,260	20,200	60,465	62,566	119,453	7,929
	75-89% specialization.....	15	2,977	21,404	2,507	6,123	17,281	39,587	51,739	91,322	2,104
26314	Set-up boxboard (primary product class of estab.).....	17	1,525	9,441	1,350	3,399	7,609	16,207	16,342	32,687	1,303
	Establishment with—										
	90% or more specialization....	5	219	1,453	180	425	1,116	3,581	2,614	6,182	449
26315	Special paperboard, including cardboard, other bending and other nonbending board (primary product class of estab.).....	51	5,665	37,236	4,572	10,350	27,863	69,628	79,030	148,580	5,832
	Establishments with—										
	90% or more specialization....	24	1,767	11,410	1,445	3,320	8,789	21,106	31,033	52,143	2,496
	75-89% specialization.....	7	609	4,007	512	1,200	3,230	7,367	8,675	16,153	440
26316	Wet machine board (primary product class of estab.).....	25	2,131	11,823	1,754	3,839	8,875	19,485	16,605	35,480	1,433
2661	Building paper and board mills (primary product class of estab.)	83	11,874	69,637	10,158	21,362	56,909	153,103	130,225	281,564	8,065
	Establishments with—										
	90% or more specialization....	78	11,343	66,684	9,742	20,447	54,747	145,649	121,874	265,938	6,635
26611	Insulating board (primary product class of estab.).....	23	7,304	42,740	6,279	13,305	34,739	101,122	68,809	168,212	5,651
	Establishments with—										
	90% or more specialization....	20	5,651	33,523	4,836	10,321	27,402	79,636	50,731	129,085	4,987
26612	Construction paper (primary product class of estab.).....	60	4,570	26,897	3,879	8,057	22,170	51,981	61,416	113,352	2,414
	Establishments with—										
	90% or more specialization....	56	4,204	24,682	3,568	7,322	20,385	48,322	54,732	103,012	2,318

TABLE 9. Pulp Mill Production Workers in Plants Producing Pulp and Paper or Board at the Same Location: 1963 and 1958

Item	1963			1958		
	Paper mills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills ¹ (SIC 2661)	Paper mills, except building (SIC 2621)	Paperboard mills (SIC 2631)	Building paper and board mills ¹ (SIC 2661)
Number (average for the year).....	16,989	13,181	2,571	21,608	11,678	3,206
Wages (total for the year—\$1,000)	108,030	86,260	15,683	114,080	53,876	15,133
Man-hours (total for the year—1,000 hours).....	36,299	27,500	5,694	46,512	23,776	6,693

¹Due to a 1963 change in the Standard Industrial Classifications, data for pulp mill integrated with a hard pressed wood fiberboard mill are not included with this industry as in 1958.

CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2641—Paper Coating and Glazing
- 2642—Envelopes
- 2643—Bags, Except Textile Bags
- 2644—Wallpaper
- 2645—Die Cut Paper and Paperboard; and Cardboard
- 2646—Pressed and Molded Pulp Goods
- 2647—Sanitary Paper Products
- 2649—Converted Paper and Paperboard Products, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2641—PAPER COATING AND GLAZING

This industry comprises establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper (including interplant transfers). Establishments primarily engaged in coating paper on the paper machine are classified in industry 2621; those manufacturing carbon paper in industry 3955; and photographic and blue-print paper in industry 3861.

Principal products of this industry include: off-machine coated paper; oiled, waxed, and wax-laminated paper and wrappers; pressure sensitive tape; gummed products; and other coated and processed paper. For a detailed list of products of industry 2641, refer to table 6A, product codes 2641111 to 2641698.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed as to content by the assignment to this industry of several products formerly classified in industry 2699.

The changes in the content of industry 2641 were as follows: new product class 26415, Laminated or coated wrappers, except waxed (rolls and sheets), is composed of the following products which were formerly considered primary to old SIC industry 2699, Paper and Board Products, N.E.C.: waterproof paper, moisture proof and vapor barrier paper, and other laminations (except foil), including paper laminated to other sheet materials.

Value of shipments and other receipts of the Paper Coating and Glazing Industry totaled \$1,162 million. This amount included shipments of paper coating and glazing (primary products) valued at \$919 million, shipments of other products (secondary products) valued at \$203 million, and miscellaneous receipts (mainly resales and other miscellaneous receipts) at \$39 million.

This industry's shipments of coated, waxed, and other processed paper represented 82 percent of its total product shipments. The industry specialization ratio in 1958 was 84 percent. Secondary products shipped by this industry in 1963 consisted mainly of special bags and liners (\$30 million), and metal foil and leaf, except plain aluminum foil (\$18 million).

Shipments of coated, waxed, and other processed paper by this industry represented 78 percent of all shipments of these products (\$1,170 million) by all industries. In 1958 the coverage ratio was 81 percent. Other industries shipping coated, waxed and other processed paper consisted mainly of industry 2643, Bags, Except Textile Bags, \$35 million; and industry 3291, Abrasive Products.

2642—ENVELOPES

This industry comprises establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard (including interplant transfers). Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in industry 2649.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2642 from code number 2651 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Envelopes Industry totaled \$363 million. This amount included shipments of envelopes (primary products) valued at \$318 million, shipments of other products (secondary products) valued at \$20 million, and miscellaneous receipts (mainly resales and other miscellaneous receipts) at \$24 million.

This industry's shipments of envelopes represented 94 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of stationery tablets and related products (\$9 million), and specialty bags and liners.

Shipments of envelopes by this industry represented 96 percent of all shipments of these products (\$331 million) by all industries. In 1958 the coverage ratio was 94 percent. Other industries shipping envelopes consisted mainly of industry 2649, Converted Paper Products, N.E.C., \$6 million.

The production index for the primary products of the industry increased to 146 in 1963 from the 1958 level of 110. The unit value index for 1963 was 114 compared to 113 in 1958. Both indexes were computed on a basis of 1954 = 100.

2643—BAGS, EXCEPT TEXTILE BAGS

This industry comprises establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, pliofilm, foil, and similar sheet or film materials (including interplant transfers). For a detailed list of products of industry 2643, refer to table 6A, product codes 2643111 to 2643351.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2643 from code number 2661 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Bags, Except Textile Bags, Industry totaled \$1,062 million. This amount included shipments of bags, except textile bags (primary products) valued at \$861 million, shipments of other products (secondary products) valued at \$143 million, and miscellaneous receipts (mainly of resales) at \$57 million.

This industry's shipments of bags, except textile bags, represented 86 percent of its total product shipments. The industry specialization ratio in 1958 was 87 percent. Secondary products shipped by this industry in 1963 consisted mainly of letterpress printing of labels and wrappers (\$30 million), and textile bags, except laundry, wardrobe and shoe (\$19 million).

Shipments of bags, except textile bags, by this industry represented 88 percent of all shipments of these products (\$977 million) by all industries. In 1958 the coverage ratio was 89 percent. Other industries shipping bags, except textile bags, consisted mainly of industry 2641, Paper Coating and Glazing, \$32 million; and industry 2647, Sanitary Paper Products, \$23 million.

2644—WALLPAPER

This industry comprises establishments primarily engaged in designing, printing, and embossing paper for interior walls, and ceilings. Establishments primarily engaged in manufacturing wall cloth from textile fabrics are classified in industry 2299. For a detailed list of products of industry 2644, refer to table 6A, product codes 2644011 to 2644055.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2644 from code number 2693 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Wallpaper Industry totaled \$37 million. This amount included shipments of wallpaper (primary products) valued at \$33 million, shipments of other products (secondary products) valued at \$1 million, and miscellaneous receipts (mainly resales and other miscellaneous receipts) at \$2 million.

This industry's shipments of wallpaper represented 97 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent.

Shipments of wallpaper by this industry represented 99 percent of all shipments of these products (\$34 million) by all industries. In 1958 the coverage ratio was 99 percent.

The product index for the primary products of the industry decreased to 77 in 1963 from the 1958 level of 88. The unit value index for 1963 was 77 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

2645—DIE CUT PAPER AND PAPERBOARD; AND CARDBOARD

This industry comprises establishments primarily engaged in die cutting purchased paper and paperboard (including interplant transfers), and in manufacturing cardboard by laminating, lining, or surface coating paperboard. For a detailed list of products of industry 2645, refer to table 6A, product codes 2645111 to 2645210.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2645 from code number 2691 in the previous classification system but were not changed as to content.

Value of shipments and other receipts of the Die Cut Paper and Board Industry totaled \$378 million. This amount included shipments of die cut paper and board (primary products) valued at \$313 million, shipments of other products (secondary products) valued at \$43 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$22 million.

This industry's shipments of die cut paper and board represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of other letterpress general "job" printing (\$6 million), and other converted paper and board products (\$2 million).

Shipments of die cut paper and board by this industry represented 82 percent of all shipments of these products (\$380 million) by all industries. In 1958 the coverage ratio was 80 percent. Other industries shipping die cut paper and board consisted mainly of industry 2641, Paper Coating and Glazing, \$12 million; and industry 2631, Paperboard Mills, \$10 million.

The production index for the primary products of the industry increased to 173 in 1963 from the 1958 level of 130. The unit value index for 1963 was 99 compared to 95 in 1958. Both indexes were computed on a basis of 1954 = 100.

2646—PRESSED AND MOLDED PULP GOODS

This industry comprises establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-maché articles other than statuary and art goods. For a detailed list of products of industry 2646, refer to table 6A, product codes 2646111 to 2646298.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were changed to code number 2646 from code number 2694 in the previous classification system, but were not changed as to content.

Value of shipments and other receipts of the Pressed and Molded Pulp Goods Industry totaled \$110 million. This amount included shipments of pressed and molded pulp goods (primary products) valued at \$108 million, shipments of other products (secondary products) valued at \$1 million, and miscellaneous receipts (mainly resales and other miscellaneous receipts) at \$1 million.

This industry's shipments of pressed and molded pulp goods represented 99 percent of its total product shipments. The industry specialization ratio in 1958 was also 99 percent.

Shipments of pressed and molded pulp goods by this industry represented 96 percent of all shipments of these products (\$112 million) by all industries. In 1958 the coverage ratio was also 96 percent.

2647—SANITARY PAPER PRODUCTS

This industry comprises establishments primarily engaged in manufacturing from own paper and paperboard sanitary health products.

The principal products of this industry are sanitary napkins and tampons; facial tissues; table napkins; toilet paper; towels and wipe. For a detailed list of products of industry 2647, refer to table 6A, product codes 2647111 to 2647298.

The statistics for this new industry as classified in the 1963 revision to the 1957 edition of the Standard Industrial Classification Manual bring together establishments specializing in the manufacture of sanitary tissue health products. In the previous classification system, sanitary tissue health products were considered primary products of industry 2649, Converted Paper Products, N.E.C. Comparable data for 1963 using the old industry classification for industry 2649 is shown in tables 1 and 2.

Value of shipments and other receipts of the Sanitary Paper Products Industry totaled \$983 million. This amount included shipments of sanitary paper products (primary products) valued at \$902 million, shipments of other products (secondary products) valued at \$60 million, and miscellaneous receipts (mainly resales) at \$21 million.

This industry's shipments of sanitary paper products represented 93 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of oiled, waxed, and wax laminated paper (\$12 million), and grocers' and variety bags.

Shipments of sanitary paper products by this industry represented 97 percent of all shipments of these products (\$925 million) by all industries. Other industries shipping sanitary paper products consisted mainly of industry 2649, Converted Paper Products, N.E.C., and industry 2643, Bags, Except Textile Bags.

The production index for the primary products of the industry increased to 165 in 1963 from the 1958 level of 129. The unit value index for 1963 was 110 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2649—CONVERTED PAPER AND PAPERBOARD PRODUCTS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing from purchased paper or paperboard (including interplant transfers) miscellaneous converted paper or paperboard products, n.e.c.

The principal products of this industry are: stationery, tablets and related products; wrapping products such as gift wrap and creped wadding; patterns, business machine supplies, tiled and laminated wallboard, unprinted tags, and other miscellaneous paper and board products. For a detailed list of products of industry 2649, refer to table 6A, product codes 2649111 to 2649598.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been significantly changed from the classification system used in 1958.

The changes in content are summarized as follows: sanitary napkins and tampons, and sanitary tissue health products, formerly classified in this industry are now included in industry 2647, Sanitary Paper Products. For a comparison of the 1963 data to that collected in 1958 on the old industry basis see tables 1 and 2.

Value of shipments and other receipts of the Converted Paper Products, N.E.C., Industry totaled \$592 million. This amount included shipments of converted paper products, n.e.c. (primary products) valued at \$461 million, shipments of other products (secondary products) valued at \$85 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$46 million.

This industry's shipments of converted paper products, n.e.c., represented 84 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of metal foil and leaf (except plain aluminum foil) (\$7 million), and gummed products (\$6 million).

Shipments of converted paper products by this industry represented 78 percent of all shipments of these products (\$590 million) by all industries. Other industries shipping converted paper products consisted mainly of industry 2641, Paper Coating and Glazing, \$14 million; and industry 2771, Greeting Card Manufacturing, \$12 million.

The production index for the primary products of the industry increased to 159 in 1963 from the 1958 level of 127. The unit value index for 1963 was 98 compared to 103 in 1958. Both indexes were computed on a basis of 1954 = 100.

PAPER AND PAPERBOARD PRODUCTS: SIC 264 Value Added by Manufacture by State: 1963

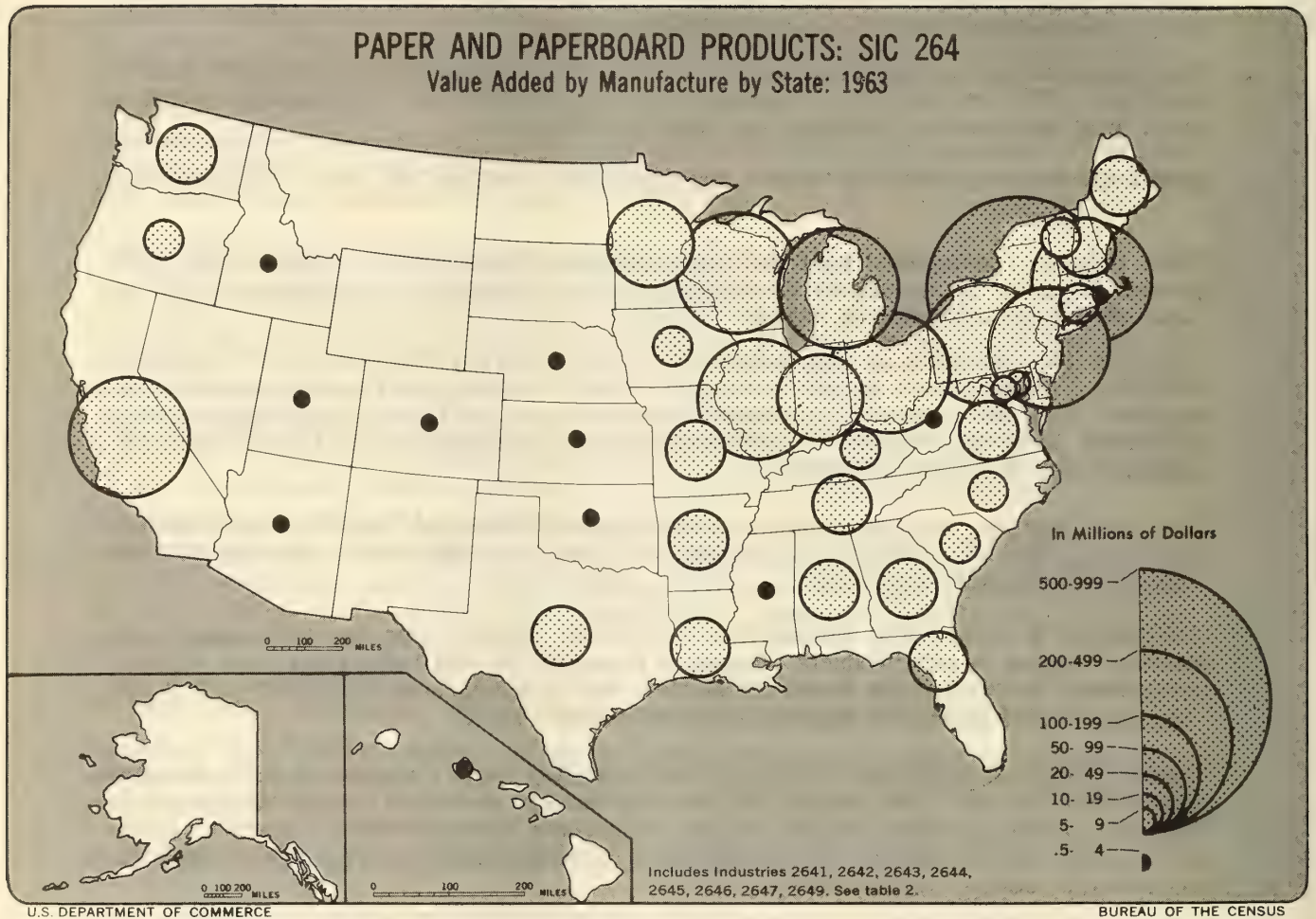


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2641.—PAPER COATING AND GLAZING														
1963.....	323	387	181	31,983	200,794	23,262	49,931	130,287	457,367	709,870	1,161,604	45,602	82	78
1962 ¹	(NA)	(NA)	(NA)	31,143	190,568	22,276	47,813	121,179	469,952	653,373	1,114,831	36,734	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	29,699	176,806	21,479	45,929	113,137	412,952	574,081	979,447	31,185	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	29,577	167,723	21,736	46,055	108,153	386,207	560,944	941,611	20,718	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	28,958	158,404	21,476	46,031	103,944	364,923	549,044	908,736	29,270	(NA)	(NA)
1958.....	291	340	176	27,794	143,476	20,652	43,399	94,206	319,588	486,653	805,185	16,837	84	81
1957 ¹	(NA)	(NA)	(NA)	28,104	142,864	21,156	44,122	93,204	350,201	477,045	816,712	17,472	86	86
1956 ¹	(NA)	(NA)	(NA)	27,211	132,122	20,704	44,141	89,602	339,913	439,399	776,659	22,214	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	26,209	122,599	20,551	43,805	85,355	321,096	401,684	718,224	15,790	(NA)	(NA)
1954.....	243	277	132	25,197	111,241	20,017	42,091	80,101	284,969	355,516	639,173	15,240	85	86
1952 ¹	(NA)	(NA)	(NA)	20,880	87,549	15,856	34,673	58,688	165,837	288,167	454,004	8,838	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	21,370	85,690	16,476	36,007	58,954	170,231	318,846	489,077	12,339	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	21,186	76,757	16,795	36,638	54,898	151,411	276,511	427,922	7,658	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	21,040	72,063	16,432	35,415	49,335	124,345	224,367	348,712	9,551	(NA)	(NA)
1947.....	(NA)	182	119	22,269	70,661	17,733	38,967	50,047	126,840	225,497	401,371	10,072	87	92
INDUSTRY 2642.—ENVELOPES														
1963.....	180	230	173	20,728	114,860	16,447	34,211	78,582	188,963	174,113	363,250	8,118	94	96
1962 ¹	(NA)	(NA)	(NA)	19,245	102,788	15,100	31,753	71,015	160,533	167,732	327,333	8,123	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	18,882	97,594	14,791	31,023	67,125	152,214	160,223	313,011	(8,405)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	18,820	94,802	15,000	30,990	66,269	150,802	159,441	307,636	(5,999)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	18,302	89,830	14,651	30,426	61,313	145,126	150,878	294,939	(7,135)	(NA)	(NA)
1958.....	172	205	146	17,757	84,566	14,303	29,445	58,156	138,318	133,249	271,631	6,430	93	94
1957 ¹	(NA)	(NA)	(NA)	18,789	89,272	14,837	29,972	58,784	152,793	124,230	271,588	(S)	93	96
1956 ¹	(NA)	(NA)	(NA)	18,057	79,417	14,514	29,473	54,160	137,323	117,466	251,187	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	16,566	70,740	13,501	27,639	47,824	120,416	103,960	219,734	(S)	(NA)	(NA)
1954.....	170	196	144	15,902	63,044	13,019	26,517	43,516	102,799	102,985	205,258	6,942	96	92
1953 ¹	(NA)	(NA)	(NA)	16,213	61,085	13,473	28,651	44,244	98,838	95,012	193,850	4,051	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	16,092	59,997	13,313	27,521	41,587	94,569	84,928	179,497	(S)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	16,726	60,017	13,912	(NA)	41,607	107,800	91,987	199,787	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	15,376	50,441	12,640	(NA)	34,914	86,532	72,806	159,338	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	14,725	45,573	12,225	(NA)	31,557	77,601	68,924	146,525	(NA)	(NA)	(NA)
1947.....	142	164	119	13,797	39,191	11,543	24,898	27,656	68,253	60,093	128,346	5,338	92	95
1939.....	(NA)	169	(NA)	11,161	15,827	8,689	(NA)	9,597	25,495	24,623	50,118	(NA)	(NA)	(NA)
1937.....	(NA)	162	(NA)	11,202	14,767	9,511	(NA)	10,503	26,183	25,107	51,290	(NA)	(NA)	(NA)
1935.....	(NA)	166	(NA)	10,679	13,306	9,038	(NA)	9,087	22,718	20,900	43,618	(NA)	(NA)	(NA)
1933.....	(NA)	163	(NA)	9,395	9,147	7,981	(NA)	6,755	17,978	15,918	33,896	(NA)	(NA)	(NA)
1931.....	(NA)	162	(NA)	(NA)	(NA)	8,924	(NA)	9,658	24,491	22,452	46,943	(NA)	(NA)	(NA)
1929.....	(NA)	171	(NA)	12,394	16,951	10,367	(NA)	11,527	31,359	29,928	61,287	(NA)	(NA)	(NA)
1927.....	(NA)	153	(NA)	11,463	14,931	9,745	(NA)	10,755	27,033	28,973	56,006	(NA)	(NA)	(NA)
1925.....	(NA)	135	(NA)	10,716	13,721	9,052	(NA)	9,987	23,766	27,423	51,189	(NA)	(NA)	(NA)
1923.....	(NA)	132	(NA)	10,980	13,382	9,241	(NA)	9,525	23,224	27,528	50,752	(NA)	(NA)	(NA)
1921.....	(NA)	123	(NA)	9,429	11,553	7,944	(NA)	8,181	19,858	24,052	43,910	(NA)	(NA)	(NA)
1919.....	(NA)	106	(NA)	9,460	9,448	8,129	(NA)	6,650	17,699	21,965	39,664	(NA)	(NA)	(NA)
1914.....	(NA)	90	(NA)	8,007	4,698	6,970	(NA)	3,378	8,246	10,235	18,481	(NA)	(NA)	(NA)
1909.....	(NA)	78	(NA)	(NA)	(NA)	5,303	(NA)	2,226	5,887	7,567	13,454	(NA)	(NA)	(NA)
1904.....	(NA)	72	(NA)	4,827	2,213	4,298	(NA)	1,630	4,247	5,975	10,222	(NA)	(NA)	(NA)
1899.....	(NA)	51	(NA)	3,297	1,467	2,984	(NA)	1,150	2,634	3,665	6,299	(NA)	(NA)	(NA)
INDUSTRY 2643.—BAGS, EXCEPT TEXTILE BAGS														
1963.....	495	586	297	42,343	219,137	34,307	69,132	156,692	369,685	689,849	1,061,715	26,671	86	88
1962 ¹	(NA)	(NA)	(NA)	40,033	200,753	32,812	63,999	144,880	375,126	639,968	1,005,935	24,718	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	39,540	192,564	32,434	63,153	137,569	351,524	644,061	991,996	21,072	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	41,003	189,226	33,672	63,520	133,762	331,443	622,024	951,981	23,687	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	40,305	183,109	32,508	65,253	131,719	335,243	639,995	971,136	22,748	(NA)	(NA)
1958.....	379	461	251	39,042	169,888	31,667	63,197	122,343	308,874	601,838	908,521	18,523	84	81
1957 ¹	(NA)	(NA)	(NA)	37,630	162,176	30,839	62,706	115,119	318,851	543,749	851,983	26,006	92	90
1956 ¹	(NA)	(NA)	(NA)	36,857	149,052	30,292	60,930	107,314	293,453	505,431	790,739	20,946	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	34,337	133,003	28,513	58,461	97,314	237,395	459,556	692,890	19,374	(NA)	(NA)
1954.....	326	381	203	33,326	121,116	27,773	56,227	89,530	216,090	425,548	639,355	18,901	91	88
1953 ¹	(NA)	(NA)	(NA)	29,036	103,232	24,825	50,188	77,700	193,944	360,287	554,231	13,415	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	29,102	98,103	25,222	50,734	74,899	194,125	371,008	565,133	13,842	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	31,189	98,891	27,227	(NA)	76,216	209,910	417,699	627,609	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	26,805	81,115	23,202	(NA)	62,343	146,171	277,761	423,932	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	23,841	69,179	20,412	(NA)	55,559	128,153	225,533	353,686	(NA)	(NA)	(NA)
1947.....	160	192	124	22,230	53,774	19,527	41,416	42,265	119,074	200,854	319,928	9,189	96	86
1939.....	(NA)	119	(NA)	12,703	14,934	11,081	(NA)	10,629	31,812	53,964	85,776	(NA)	(NA)	(NA)
1937.....	(NA)	107	(NA)	11,379	12,594	10,360	(NA)	9,850	29,034	53,424	82,458	(NA)	(NA)	(NA)
1935.....	(NA)	107	(NA)	10,043	10,493	9,120	(NA)	8,038	23,798	41,766	65,564	(NA)	(NA)	(NA)
1933.....	(NA)	96	(NA)	8,467	7,158	7,665	(NA)	5,813	20,083	29,296	49,379	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2643.—BAGS, EXCEPT TEXTILE BAGS—Continued														
1931.....	(NA)	95	(NA)	(NA)	(NA)	6,836	(NA)	6,423	20,864	33,427	54,291	(NA)	(NA)	(NA)
1929.....	(NA)	95	(NA)	7,843	9,009	6,970	(NA)	6,661	21,383	43,238	64,621	(NA)	(NA)	(NA)
1927.....	(NA)	88	(NA)	7,296	8,506	6,463	(NA)	6,394	16,755	40,735	57,490	(NA)	(NA)	(NA)
1925.....	(NA)	66	(NA)	6,260	7,162	5,585	(NA)	5,524	16,021	29,957	45,978	(NA)	(NA)	(NA)
1923.....	(NA)	64	(NA)	5,541	6,610	4,686	(NA)	4,587	12,897	29,375	42,272	(NA)	(NA)	(NA)
1921.....	(NA)	57	(NA)	4,421	5,091	3,707	(NA)	3,475	11,393	29,797	41,190	(NA)	(NA)	(NA)
1919.....	(NA)	75	(NA)	5,046	5,838	4,168	(NA)	3,663	13,914	33,350	47,264	(NA)	(NA)	(NA)
1914.....	(NA)	59	(NA)	4,130	2,572	3,505	(NA)	1,659	5,402	12,201	17,603	(NA)	(NA)	(NA)
1909.....	(NA)	74	(NA)	3,641	2,020	3,212	(NA)	1,306	5,343	10,355	15,698	(NA)	(NA)	(NA)
1904.....	(NA)	62	(NA)	2,833	1,335	2,473	(NA)	930	3,492	6,595	10,087	(NA)	(NA)	(NA)
1899.....	(NA)	63	(NA)	2,329	997	1,989	(NA)	628	2,300	4,499	6,799	(NA)	(NA)	(NA)
INDUSTRY 2644.—WALLPAPER														
1963.....	77	79	31	2,194	11,866	1,650	3,265	7,867	20,907	15,602	36,548	359	97	99
1962 ¹	(NA)	(NA)	(NA)	(2,037)	(10,001)	(1,569)	(3,238)	(6,956)	(17,825)	(13,686)	(31,819)	(2,)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	(2,092)	(10,089)	(1,637)	(3,328)	(7,197)	(18,624)	(14,019)	(33,204)	(2,)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1958.....	70	73	29	2,806	13,417	2,095	4,374	9,063	21,463	19,505	40,840	416	93	99
1957 ¹	(NA)	(NA)	(NA)	2,255	10,259	1,687	3,310	7,015	16,845	15,396	32,885	523	94	100
1956 ¹	(NA)	(NA)	(NA)	2,746	12,725	2,168	4,506	8,709	20,454	17,419	37,250	1,355	(NA)	(NA)
1954.....	71	76	37	3,636	14,330	2,926	6,038	10,325	19,401	20,850	39,912	526	99	98
1952 ¹	(NA)	(NA)	(NA)	4,403	15,881	3,651	(NA)	11,934	20,822	24,247	45,069	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	4,988	17,400	4,169	(NA)	12,996	29,347	27,472	56,819	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	4,827	13,968	4,060	(NA)	10,748	19,925	21,671	41,596	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	4,802	15,324	4,043	(NA)	11,232	25,919	23,251	49,170	(NA)	(NA)	(NA)
1947.....	50	58	45	5,462	16,287	4,771	10,696	12,222	32,732	26,163	58,895	5,994	98	100
1939.....	(NA)	46	(NA)	4,885	7,655	4,054	(NA)	5,333	13,273	11,696	24,969	(NA)	(NA)	(NA)
1937.....	(NA)	42	(NA)	5,171	7,114	4,543	(NA)	5,455	14,852	11,920	26,772	(NA)	(NA)	(NA)
1935.....	(NA)	40	(NA)	4,888	5,982	4,265	(NA)	4,486	9,768	9,890	19,658	(NA)	(NA)	(NA)
1933.....	(NA)	39	(NA)	3,706	3,942	3,239	(NA)	3,116	8,949	6,851	15,800	(NA)	(NA)	(NA)
1931.....	(NA)	50	(NA)	(NA)	(NA)	3,734	(NA)	3,994	11,044	9,150	20,194	(NA)	(NA)	(NA)
1929.....	(NA)	56	(NA)	5,420	8,283	4,705	(NA)	5,732	16,528	13,480	30,008	(NA)	(NA)	(NA)
1927.....	(NA)	53	(NA)	5,637	8,269	4,811	(NA)	5,981	15,447	14,612	30,059	(NA)	(NA)	(NA)
1925.....	(NA)	49	(NA)	5,806	8,036	5,069	(NA)	5,863	15,070	14,999	30,069	(NA)	(NA)	(NA)
1923.....	(NA)	51	(NA)	6,142	8,594	5,412	(NA)	6,221	17,765	16,991	34,756	(NA)	(NA)	(NA)
1921.....	(NA)	43	(NA)	4,623	6,794	3,988	(NA)	4,982	12,812	16,336	29,148	(NA)	(NA)	(NA)
1919.....	(NA)	48	(NA)	5,095	5,650	4,262	(NA)	3,882	9,895	13,153	23,048	(NA)	(NA)	(NA)
1914.....	(NA)	48	(NA)	5,684	4,221	4,738	(NA)	2,703	7,351	8,536	15,887	(NA)	(NA)	(NA)
1909.....	(NA)	45	(NA)	4,736	3,093	4,037	(NA)	2,039	6,826	7,623	14,449	(NA)	(NA)	(NA)
1904.....	(NA)	44	(NA)	4,410	2,560	3,913	(NA)	1,868	5,979	6,658	12,637	(NA)	(NA)	(NA)
1899.....	(NA)	51	(NA)	4,684	2,891	4,172	(NA)	2,074	4,590	6,073	10,663	(NA)	(NA)	(NA)
INDUSTRY 2645.—DIE CUT PAPER AND BOARD														
1963.....	370	425	156	15,135	83,373	11,696	23,524	57,070	183,185	200,276	378,332	7,731	88	82
1962 ¹	(NA)	(NA)	(NA)	13,592	71,112	10,806	21,203	49,117	141,431	166,216	307,180	(7,651)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	14,574	73,172	11,517	22,189	51,573	137,369	176,995	313,518	5,759	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	14,284	70,546	11,407	21,820	50,816	135,480	172,104	306,621	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	14,047	67,173	11,193	22,516	48,445	123,332	156,406	278,228	(S)	(NA)	(NA)
1958.....	343	372	118	12,209	58,512	9,441	18,538	39,122	111,164	139,070	251,364	10,613	92	80
1957 ¹	(NA)	(NA)	(NA)	13,661	62,513	11,078	22,156	42,660	119,053	128,049	244,613	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	13,704	59,349	11,240	22,683	41,929	110,175	128,795	237,905	11,292	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	13,264	53,571	10,847	21,799	39,233	111,913	125,086	235,526	(S)	(NA)	(NA)
1954.....	337	352	115	12,260	47,940	9,933	19,677	34,633	99,714	116,865	216,328	6,424	88	82
1953 ¹	(NA)	(NA)	(NA)	16,255	61,446	12,787	26,102	43,403	117,198	112,706	229,904	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	11,885	46,310	9,438	21,992	34,463	88,074	82,471	170,545	(NA)	(NA)	(NA)
1947.....	(NA)	208	83	9,281	25,478	7,739	14,771	18,864	50,224	47,431	97,655	2,052	(NA)	(NA)
1939.....	(NA)	121	(NA)	5,670	8,861	4,354	(NA)	5,454	17,194	16,070	33,264	(NA)	(NA)	(NA)
1937.....	(NA)	115	(NA)	(NA)	(NA)	5,046	(NA)	6,064	18,524	15,520	34,044	(NA)	(NA)	(NA)
INDUSTRY 2646.—PRESSED AND MOLDED PULP GOODS														
1963.....	43	59	42	5,720	32,862	4,522	9,697	24,207	70,006	40,772	110,135	11,558	99	96
1962 ¹	(NA)	(NA)	(NA)	4,321	30,213	3,200	8,042	20,712	62,109	38,587	100,966	19,821	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	3,855	25,532	2,890	7,427	18,033	57,705	32,886	90,273	7,540	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	3,961	24,039	3,112	7,761	17,830	55,299	32,523	87,962	10,885	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	4,269	23,694	3,384	8,281	17,685	57,135	33,226	90,109	4,985	(NA)	(NA)
1958.....	46	55	28	4,472	21,254	3,697	7,781	15,929	49,819	30,157	78,780	2,170	99	96
1957 ¹	(NA)	(NA)	(NA)	3,378	17,027	2,854	6,234	13,298	41,678	22,022	62,040	7,274	98	94
1956 ¹	(NA)	(NA)	(NA)	3,147	15,058	2,686	5,824	12,010	38,004	18,761	54,789	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	2,889	12,687	2,507	5,261	10,184	31,773	15,390	46,342	(S)	(NA)	(NA)
1954.....	25	29	16	2,882	11,630	2,401	5,018	9,111	26,012	16,921	42,381	3,215	100	93
1950 ¹	(NA)	(NA)	(NA)	2,910	10,234	2,633	(NA)	8,235	20,138	11,484	31,622	(NA)	(NA)	(NA)
1947.....	19	19	10	1,748	4,910	1,482	3,224	3,870	9,672	6,519	16,191	1,046	95	86
1939.....	(NA)	14	(NA)	856	1,081	701	(NA)	819	2,304	1,522	3,826	(NA)	(NA)	(NA)
1937.....	(NA)	10	(NA)	(NA)	(NA)	819	(NA)	873	2,567	1,475	4,042	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2647.—SANITARY PAPER PRODUCTS ²													
1963.....	97	119	77	19,108	112,539	15,261	32,339	85,928	369,711	619,406	983,019	16,628	93	97
	INDUSTRY 2649.—CONVERTED PAPER PRODUCTS, N.E.C. ²													
1963.....	570	610	239	29,514	141,902	22,214	43,598	92,055	302,546	290,411	591,750	11,853	84	78
	INDUSTRIES 2647 AND 2649.—SANITARY PAPER PRODUCTS AND CONVERTED PAPER PRODUCTS, N.E.C. ²													
1963.....	667	729	316	48,622	254,441	37,475	75,937	177,983	672,257	909,817	1,574,769	28,481	(X)	(X)
1962 ¹	(NA)	(NA)	(NA)	50,162	261,175	39,759	77,846	175,897	618,812	917,675	1,543,470	33,627	(X)	(X)
1961 ¹	(NA)	(NA)	(NA)	48,837	248,417	38,969	75,999	167,403	597,355	885,307	1,482,331	24,567	(X)	(X)
1960 ¹	(NA)	(NA)	(NA)	47,893	237,757	37,875	74,443	158,842	553,989	848,037	1,395,634	31,260	(X)	(X)
1959 ¹	(NA)	(NA)	(NA)	47,932	229,070	38,446	74,873	154,908	541,752	824,515	1,356,214	20,834	(X)	(X)
1958 ³	679	739	324	46,892	213,489	37,353	71,999	145,481	463,668	784,618	1,245,092	26,504	91	92

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. (Z) Less than \$500 thousand.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. Figures shown in parentheses either have associated standard errors excluding 15 percent or are not consistent with other census series and related data.

²A revision in the 1957 Standard Industrial Classification definition of this industry was introduced in 1963. Product classes 26493, Sanitary health products, and 26494, Sanitary napkins and tampons, were broken out as a separate industry under 2647, Sanitary Paper Products. Therefore, industries 2647 and 2649 shown in 1963 are not comparable with earlier years except on a combined basis.

³A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that this industry is not comparable with the earlier years.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2641.—PAPER COATING AND GLAZING													
Total.....	387	181	31,983	200,794	23,262	49,931	130,287	457,367	709,870	1,161,604	45,602	27,794	319,588
New England.....	65	34	4,192	23,803	3,047	6,724	15,702	53,282	75,671	128,093	3,869	4,704	45,049
Vermont.....	5	5	271	1,337	230	598	1,001	2,364	5,629	7,970	(D)	375	2,951
Massachusetts....	44	22	2,404	14,313	1,770	3,790	9,015	30,148	43,146	72,782	2,783	2,539	26,500
Middle Atlantic....	123	45	6,153	39,144	4,413	9,243	24,205	107,795	126,388	234,532	4,842	5,891	84,994
New York.....	65	16	1,688	9,529	1,329	2,792	6,530	17,500	28,671	46,407	1,065	2,051	19,417
New Jersey.....	37	19	3,144	21,571	2,090	4,422	12,178	44,391	69,991	115,153	3,174	2,499	30,594
Pennsylvania.....	21	10	1,321	8,044	994	2,029	5,497	45,904	27,726	72,972	603	1,341	34,983
East North Central.	99	57	14,185	92,792	10,454	22,663	61,618	181,670	278,557	457,812	22,956	12,477	116,218
Ohio.....	24	16	4,215	29,181	2,978	6,721	18,875	53,933	70,216	123,135	4,114	3,363	33,936
Indiana.....	6	3	387	1,984	273	527	1,279	4,845	8,207	12,963	95	211	2,613
Illinois.....	28	15	2,407	15,068	1,637	3,422	8,328	34,622	42,227	76,894	4,428	1,896	14,642
Michigan.....	21	11	4,174	28,058	3,195	7,007	20,251	49,116	87,115	135,813	10,666	4,133	32,539
Wisconsin.....	20	12	3,002	18,501	2,371	4,986	12,885	39,154	70,792	109,007	3,653	2,874	32,488
West North Central.	14	7	2,480	15,780	1,798	3,862	10,663	56,185	66,340	123,204	7,399	1,468	39,772
South.....	39	23	3,159	16,854	2,287	4,861	10,293	34,682	123,414	155,424	5,038	1,662	15,459
North Carolina...	6	5	437	2,115	364	887	1,591	5,954	8,111	13,978	272	(2)	(2)
Georgia.....	6	3	314	1,824	221	466	1,118	5,303	10,646	16,061	411	(2)	(2)
West.....	47	15	1,814	12,421	1,263	2,578	7,806	23,753	39,500	62,549	1,498	1,592	18,096
INDUSTRY 2642.—ENVELOPES													
Total.....	230	173	20,728	114,860	16,447	34,211	78,582	188,963	174,113	363,250	8,118	17,757	138,318
New England.....	22	13	2,664	13,424	2,117	4,286	9,703	20,163	26,588	47,189	605	2,987	19,471
Middle Atlantic....	68	43	4,901	26,763	4,114	8,484	19,755	45,484	41,635	87,195	2,259	3,721	29,001
New York.....	48	31	2,979	16,884	2,521	5,258	12,685	28,992	28,890	57,956	1,248	2,604	20,082
New Jersey.....	7	6	1,118	5,652	917	1,824	4,149	10,209	8,369	18,592	627	480	4,258
Pennsylvania.....	13	6	804	4,227	676	1,402	2,921	6,283	4,376	10,647	384	637	4,661
East North Central.	43	37	5,774	33,556	4,544	9,700	22,814	49,957	45,651	95,677	1,480	4,968	37,877
Ohio.....	12	9	1,757	9,628	1,441	3,045	7,147	14,116	13,091	27,102	240	1,725	12,388
Illinois.....	18	17	2,821	16,979	2,217	4,840	11,370	25,311	22,783	48,333	899	2,185	16,783
Michigan.....	5	5	506	3,495	370	793	2,081	5,228	4,296	9,494	214	540	4,895
West North Central.	26	23	2,344	13,369	1,795	3,657	8,502	22,888	18,108	41,036	685	2,260	18,311
Minnesota.....	9	7	803	4,469	627	1,229	2,848	7,175	5,697	12,875	131	658	5,218
Missouri.....	11	11	1,230	7,286	929	1,930	4,640	12,756	9,430	22,243	399	1,368	10,855
South Atlantic.....	24	18	1,690	8,538	1,343	2,777	5,598	15,787	16,061	31,638	927	1,235	9,925
Maryland.....	5	4	296	1,564	239	502	1,024	2,910	2,640	5,546	61	(2)	(2)
Georgia.....	5	5	496	2,392	380	778	1,607	4,970	5,376	10,298	340	340	3,119
Florida.....	8	4	197	860	158	318	554	1,416	1,700	3,044	340	(2)	(2)
East South Central.	5	4	420	1,745	366	789	1,236	3,337	3,047	6,407	100	293	1,766
West South Central.	14	11	828	4,128	613	1,290	2,505	7,445	6,571	13,904	960	636	5,240
West.....	28	24	2,107	13,337	1,555	3,228	8,469	23,902	16,452	40,204	1,102	1,657	16,727
INDUSTRY 2643.—BAGS, EXCEPT TEXTILE BAGS													
Total.....	586	297	42,343	219,137	34,307	69,132	156,692	369,685	689,849	1,061,715	26,671	39,042	308,874
New England.....	34	14	1,365	6,659	1,106	2,293	4,848	11,989	18,273	30,113	896	1,212	10,462
Massachusetts....	21	8	1,042	5,296	848	1,792	3,856	9,618	14,261	23,776	614	1,134	9,837
Rhode Island.....	5	2	109	484	88	172	349	830	1,311	2,121	143	(2)	(2)
Connecticut.....	5	2	120	526	102	199	377	679	938	1,608	95	(2)	(2)
Middle Atlantic....	180	82	8,779	48,414	6,572	13,145	29,790	86,738	149,476	237,247	6,350	7,287	66,071
New York.....	125	57	5,539	30,411	4,038	7,903	17,451	52,913	79,605	133,320	3,871	4,890	40,969
New Jersey.....	27	9	1,064	5,891	847	1,673	3,891	10,956	33,872	44,917	969	975	9,667
Pennsylvania.....	28	16	2,176	12,112	1,687	3,569	8,448	22,869	35,999	59,010	1,510	1,422	15,435
East North Central.	120	50	7,210	39,731	5,572	11,472	26,824	72,941	108,419	181,380	4,698	7,190	59,995
Ohio.....	27	14	2,663	16,090	2,076	4,436	11,225	25,255	40,920	65,936	2,122	2,954	23,502
Indiana.....	11	5	983	4,660	792	1,692	3,236	8,431	11,203	19,588	578	1,069	7,358
Illinois.....	54	21	2,692	14,672	2,016	3,961	9,315	28,368	37,945	66,620	1,475	2,473	22,346

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2643.—BAGS, EXCEPT TEXTILE BAGS—Continued													
West North Central.	46	23	2,810	13,511	2,204	4,431	8,879	28,897	39,931	68,142	2,239	3,177	23,359
Minnesota.....	19	5	352	1,437	278	536	1,051	3,216	6,054	9,121	885	(2)	(2)
Missouri.....	18	12	1,488	7,538	1,191	2,453	4,882	10,967	21,697	32,472	904	2,201	15,201
Kansas.....	3	2	143	699	111	239	487	1,261	2,057	3,306	176	(2)	(2)
South Atlantic.....	67	42	9,144	44,483	7,801	15,560	35,197	75,050	151,330	226,471	6,090	8,138	51,548
Maryland.....	6	4	221	1,164	187	374	773	2,853	4,087	6,952	325	(2)	(2)
Virginia.....	13	10	1,365	6,168	1,151	2,412	4,701	10,844	24,734	35,374	772	1,192	7,716
South Carolina.....	7	4	985	4,397	808	1,813	3,416	14,039	14,236	27,869	1,913	(2)	(2)
Georgia.....	14	7	3,234	15,686	2,763	5,262	12,307	23,270	50,487	74,296	964	2,898	18,222
Florida.....	17	9	2,638	13,962	2,306	4,568	11,606	18,616	48,154	67,049	1,715	2,513	13,330
East South Central.	25	19	4,418	21,648	3,872	7,862	16,895	20,596	68,827	90,158	1,545	4,023	30,290
Tennessee.....	13	8	893	4,164	748	1,584	3,009	8,905	15,975	24,911	361	(2)	(2)
Alabama.....	6	6	2,180	12,461	1,953	3,918	10,005	3,916	40,221	44,105	526	2,171	20,210
West South Central.	39	28	4,847	24,136	4,167	8,375	19,395	35,660	89,405	125,624	2,713	4,156	35,607
Arkansas.....	10	7	1,204	5,699	1,033	2,023	4,782	9,589	17,327	26,809	466	1,100	6,630
Louisiana.....	11	11	2,567	13,065	2,292	4,561	10,904	16,032	51,025	67,726	1,512	2,525	23,901
West.....	75	39	3,770	20,555	3,013	5,994	14,864	37,814	64,188	102,580	2,140	3,859	31,542
Oregon.....	6	3	280	1,759	220	429	1,141	3,453	4,365	7,767	169	(2)	(2)
California.....	53	26	2,389	13,564	1,884	3,831	9,790	24,982	41,568	67,097	1,479	2,752	22,972
INDUSTRY 2644.—WALLPAPER													
Total.....	79	31	2,194	11,866	1,650	3,265	7,867	20,907	15,602	36,548	359	2,806	21,463
New England.....	6	3	167	920	107	202	531	1,533	846	2,390	26	214	1,900
Middle Atlantic.....	45	14	1,120	5,968	848	1,680	3,968	10,753	8,783	19,378	182	1,553	11,637
North Central.....	16	12	727	3,895	550	1,099	2,625	6,457	4,935	11,601	88	937	6,694
Illinois.....	10	8	491	2,790	353	697	1,786	4,199	3,412	7,773	67	722	4,641
South and West.....	12	2	180	1,083	145	284	743	2,164	1,039	3,179	63	102	1,232
INDUSTRY 2645.—DIE CUT PAPER AND BOARD													
Total.....	425	156	15,135	83,373	11,696	23,524	57,070	183,185	200,276	378,332	7,731	12,209	111,164
New England.....	31	11	716	3,835	565	1,178	2,639	7,054	12,869	19,631	326	515	3,676
Massachusetts.....	20	7	539	2,884	425	863	2,033	5,446	8,227	13,395	260	411	3,218
Middle Atlantic.....	174	56	5,340	28,628	4,109	8,328	19,475	61,700	60,032	120,633	2,677	5,601	49,189
New York.....	113	34	3,620	19,321	2,858	5,837	13,328	36,958	35,735	72,016	1,569	4,578	39,489
New Jersey.....	36	13	1,098	6,316	778	1,510	4,176	19,707	19,418	38,883	717	812	8,274
Pennsylvania.....	25	9	622	2,991	473	981	1,971	5,035	4,879	9,734	391	211	1,426
East North Central.	111	49	5,428	30,621	4,177	8,309	20,568	71,374	71,199	138,778	2,885	(2)	(2)
Ohio.....	26	9	1,355	6,986	983	1,897	4,645	22,955	12,226	30,899	787	358	3,341
Michigan.....	18	11	988	5,971	785	1,595	4,028	10,859	22,168	33,337	408	928	8,453
Wisconsin.....	12	6	409	1,871	338	682	1,193	3,558	4,963	8,521	40	274	2,068
West North Central.	24	9	884	3,716	658	1,215	2,444	6,316	9,355	15,597	134	(2)	(2)
South and West.....	85	31	9,070	16,573	2,187	4,494	11,944	36,741	46,821	83,693	1,709	1,981	22,659
Maryland.....	4	3	116	598	97	190	427	1,385	2,718	4,088	20	(2)	(2)
North Carolina.....	7	3	206	858	171	317	571	2,438	3,071	5,508	73	(2)	(2)
Texas.....	5	2	303	1,929	228	486	1,376	4,981	6,123	11,144	(D)	(2)	(2)
California.....	35	16	1,079	6,538	842	1,758	4,560	13,130	16,035	29,274	671	(2)	(2)
INDUSTRY 2646.—PRESSED AND MOLDED PULP GOODS													
Total.....	59	42	5,720	32,862	4,522	9,697	24,207	70,006	40,772	110,135	11,558	4,472	49,819
New England.....	9	7	1,543	9,033	1,232	2,583	6,696	19,404	11,122	30,178	1,979	1,537	16,652
Middle Atlantic.....	14	9	1,312	7,268	921	1,978	4,997	10,600	11,515	21,983	1,083	1,105	12,195
North Central.....	20	15	1,724	9,965	1,414	3,103	7,448	19,401	10,011	29,514	1,200	1,476	15,559
Michigan.....	3	2	114	524	98	197	402	1,162	681	1,833	39	(2)	(2)
Wisconsin.....	5	4	229	1,240	178	399	922	2,905	1,212	4,131	36	291	3,505
South and West.....	16	11	1,141	6,596	955	2,033	5,066	20,601	8,124	28,455	7,296	354	5,413
Oregon.....	3	2	100	513	87	164	373	1,149	827	1,927	73	(2)	(2)
California.....	8	6	846	5,012	703	1,497	3,809	16,932	5,570	22,278	6,896	(2)	(2)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2647.—SANITARY PAPER PRODUCTS													
Total.....	119	77	19,108	112,539	15,261	32,339	85,928	369,711	619,406	983,019	16,628	(NA)	(NA)
New England.....	18	15	2,788	14,586	2,410	4,978	11,575	58,797	73,219	130,802	2,545	(NA)	(NA)
New Hampshire....	5	4	373	1,940	348	675	1,756	4,232	11,735	15,557	1,260	(NA)	(NA)
Massachusetts.....	5	4	791	4,043	643	1,274	2,594	14,166	14,189	28,273	(D)	(NA)	(NA)
Middle Atlantic....	40	24	5,874	36,500	4,330	8,910	24,896	100,613	190,243	289,445	5,123	(NA)	(NA)
New York.....	29	16	2,535	14,719	2,112	4,498	11,696	44,482	90,247	133,950	1,005	(NA)	(NA)
East North Central.	29	22	5,550	33,080	4,632	9,687	25,867	112,843	179,823	289,549	5,821	(NA)	(NA)
Indiana.....	3	3	249	1,340	152	316	728	2,655	2,392	4,952	92	(NA)	(NA)
Wisconsin.....	17	16	4,778	28,705	4,088	8,548	23,079	91,198	156,629	244,846	5,304	(NA)	(NA)
South.....	8	4	1,429	8,117	873	2,771	7,080	40,797	50,708	91,354	834	(NA)	(NA)
West.....	22	12	3,450	20,212	3,001	5,965	16,477	56,561	125,184	181,541	2,299	(NA)	(NA)
INDUSTRY 2649.—CONVERTED PAPER PRODUCTS, N.E.C.													
Total.....	610	239	29,514	141,902	22,214	43,598	92,055	302,546	290,411	591,750	11,853	(NA)	(NA)
New England.....	77	34	5,572	27,458	3,614	7,249	15,380	50,610	43,475	93,429	1,517	(NA)	(NA)
Vermont.....	4	2	396	1,942	258	596	1,072	4,021	5,427	9,083	86	(NA)	(NA)
Massachusetts.....	51	23	4,682	23,055	2,944	5,795	12,503	42,827	34,777	77,366	1,321	(NA)	(NA)
Connecticut.....	12	4	275	1,476	221	448	1,080	1,576	1,146	2,711	75	(NA)	(NA)
Middle Atlantic....	217	85	8,215	39,779	6,498	12,862	27,308	83,529	78,667	162,036	3,887	(NA)	(NA)
New York.....	142	44	3,361	15,242	2,543	5,044	9,967	32,262	27,179	59,749	1,577	(NA)	(NA)
New Jersey.....	28	10	1,182	6,290	931	1,852	4,195	11,584	19,126	30,430	414	(NA)	(NA)
Pennsylvania.....	47	31	3,672	18,247	3,024	5,966	13,146	39,683	32,362	71,857	1,896	(NA)	(NA)
East North Central.	127	55	7,293	36,092	5,586	10,964	24,109	83,012	77,403	160,571	3,714	(NA)	(NA)
Ohio.....	31	15	1,603	8,662	1,072	2,099	4,315	18,970	17,458	36,422	1,305	(NA)	(NA)
Indiana.....	21	7	1,075	4,781	862	1,701	3,463	9,597	10,181	19,955	334	(NA)	(NA)
Illinois.....	35	19	2,082	10,796	1,580	3,225	7,246	20,580	26,060	47,187	1,406	(NA)	(NA)
Michigan.....	22	5	1,612	7,458	1,342	2,450	6,072	25,211	12,015	36,752	323	(NA)	(NA)
Wisconsin.....	18	9	921	4,395	730	1,489	3,013	8,654	11,689	20,255	346	(NA)	(NA)
West North Central.	33	10	2,318	10,264	1,805	3,279	7,225	17,212	20,498	37,624	483	(NA)	(NA)
Minnesota.....	6	2	128	537	103	192	341	699	542	1,249	35	(NA)	(NA)
Missouri.....	17	6	1,869	8,692	1,428	2,600	6,067	15,145	19,491	34,529	410	(NA)	(NA)
Kansas.....	5	1	281	855	245	427	724	900	146	1,055	32	(NA)	(NA)
South Atlantic....	35	15	1,665	7,700	1,286	2,554	4,578	18,528	17,095	35,306	445	(NA)	(NA)
North Carolina....	9	3	198	824	158	386	592	2,090	3,922	5,968	172	(NA)	(NA)
Florida.....	7	3	211	942	160	337	483	4,183	2,662	6,870	36	(NA)	(NA)
East South Central.	12	7	1,128	5,411	824	1,602	3,198	11,372	15,272	27,169	405	(NA)	(NA)
West South Central.	25	9	1,637	6,438	1,288	2,471	4,281	18,541	15,916	34,100	764	(NA)	(NA)
Texas.....	20	6	697	3,413	526	1,048	2,012	9,450	7,093	16,437	(D)	(NA)	(NA)
Mountain.....	6	1	90	339	77	151	263	780	1,073	1,828	26	(NA)	(NA)
Pacific.....	78	23	1,596	8,421	1,236	2,466	5,713	18,962	21,012	39,687	612	(NA)	(NA)
California.....	63	21	1,328	7,073	1,028	2,080	4,658	15,731	17,941	33,363	523	(NA)	(NA)
INDUSTRIES 2647 AND 2649.—SANITARY PAPER PRODUCTS AND CONVERTED PAPER PRODUCTS, N.E.C. ³													
Total.....	729	316	48,622	254,441	37,475	75,937	177,983	672,257	909,817	1,574,769	28,481	46,892	463,668
New England.....	95	49	8,360	42,044	6,024	12,227	26,955	109,407	116,694	224,231	4,062	8,144	69,773
Massachusetts.....	56	27	5,473	27,098	3,587	7,069	15,097	56,993	48,966	105,639	(D)	5,488	43,678
Middle Atlantic....	257	109	14,089	76,279	10,828	21,772	52,204	184,142	268,910	451,481	9,010	15,692	160,822
New York.....	171	60	5,896	29,961	4,655	9,542	21,663	76,744	117,426	193,699	2,582	7,875	80,235
North Central.....	191	87	15,178	79,480	12,038	23,958	57,234	213,167	277,953	488,072	10,024	14,944	154,161
Ohio.....	31	15	1,603	8,662	1,072	2,099	4,315	18,970	17,458	36,422	1,305	1,756	14,780
Indiana.....	24	10	1,324	6,121	1,014	2,017	4,191	12,252	12,573	24,907	426	855	5,459
Wisconsin.....	35	25	5,699	33,100	4,818	10,037	26,092	99,852	168,318	265,101	5,650	6,041	66,048
Missouri.....	17	6	1,869	8,692	1,428	2,600	6,067	15,145	19,491	34,529	410	1,588	11,966
South.....	80	35	5,859	27,666	4,271	9,398	19,137	89,238	98,991	187,929	2,448	4,039	39,740
North Carolina....	9	3	198	824	158	386	592	2,090	3,922	5,968	172	120	799
Texas.....	20	6	697	3,413	526	1,048	2,012	9,450	7,093	16,437	(D)	(500-999)	(D)
West.....	106	36	5,136	28,972	4,314	8,582	22,453	76,303	147,269	223,056	2,937	4,073	39,172

See footnotes on following page.

TABLE 2. **General Statistics, by Geographic Areas: 1963 and 1958—Continued**

Footnotes for Table 2-26B

Note: Detail figures may not add to totals due to rounding procedure.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2641, Paper Coating and Glazing: New England—Maine, 1 (20-99); New Hampshire, 1 (1,000-2,499); Rhode Island, 5 (100-249); Connecticut, 9 (20-99); West North Central—Minnesota, 6 (1,995); Iowa, 1 (20-99); Missouri, 6 (250-499); Kansas, 1 (1-19); South Atlantic—Delaware, 1 (20-99); Maryland, 1 (1-19); Virginia, 1 (20-99); South Carolina, 3 (144); Florida, 4 (20-99); East South Central—Kentucky, 2 (500-999); Mississippi, 2 (100-249); West South Central—Arkansas, 2 (100-249); Louisiana, 3 (100-249); Texas, 8 (975); Mountain—Colorado, 2 (1-19); Pacific—Washington, 1 (1-19); Oregon, 5 (390); California, 39 (1,417).

SIC 2642, Envelopes: New England—Massachusetts, 17 (2,399); Rhode Island, 1 (1-19); Connecticut, 4 (250-499); East North Central—Indiana, 5 (250-499); Wisconsin, 3 (100-249); West North Central—Iowa, 3 (154); Nebraska, 2 (100-249); Kansas, 1 (1-19); South Atlantic—District of Columbia, 1 (20-99); Virginia, 2 (500-999); North Carolina, 3 (100-249); East South Central—Kentucky, 1 (1-19); Tennessee, 2 (100-249); Alabama, 1 (20-99); Mississippi, 1 (100-249); West South Central—Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 12 (500-999); Mountain—Colorado, 2 (250-499); Arizona, 2 (20-99); Pacific—Washington, 2 (100-249); Oregon, 1 (100-249); California, 20 (1,000-2,499); Hawaii, 1 (20-99).

SIC 2643, Bags, Except Textile Bags: New England—Maine, 3 (20-99); East North Central—Michigan, 15 (250-499); Wisconsin, 13 (250-499); West North Central—Iowa, 5 (643); Nebraska, 1 (100-249); South Atlantic—West Virginia, 4 (500-999); North Carolina, 6 (100-249); East South Central—Kentucky, 5 (1,000-2,499); Mississippi, 1 (100-249); West South Central—Oklahoma, 3 (20-99); Texas, 15 (1,031); Mountain—Colorado, 3 (20-99); Arizona, 1 (1-19); Utah, 2 (100-249); Pacific—Washington, 7 (786); Hawaii, 3 (20-99).

SIC 2644, Wallpaper: New England—Massachusetts, 3 (136); Connecticut, 3 (20-99); Middle Atlantic—New York, 29 (691); New Jersey, 9 (100-249); Pennsylvania, 7 (250-499); East North Central—Ohio, 4 (100-249); Indiana, 1 (20-99); West North Central—Missouri, 1 (20-99); South Atlantic—Florida, 1 (1-19); Pacific—Washington, 1 (1-19); California, 10 (100-249).

SIC 2645, Die Cut Paper and Board: New England—New Hampshire, 3 (20-99); Vermont, 1 (1-19); Rhode Island, 5 (20-99); Connecticut, 2 (20-99); East North Central—Indiana, 9 (1,145); Illinois, 46 (1,531); West North Central—Minnesota, 7 (500-999); Iowa, 2 (20-25); Missouri, 10 (213); South Dakota, 1 (1-19); Nebraska, 1 (20-99); Kansas, 3 (1-19); South Atlantic—District of Columbia, 2 (250-499); Virginia, 4 (290); West Virginia, 1 (1-19); South Carolina, 1 (20-99); Georgia, 6 (20-99); Florida, 6 (20-99); East South Central—Tennessee, 1 (1-19); Alabama, 2 (1-19); Mississippi, 1 (1-19); West South Central—Arkansas, 2 (20-99); Louisiana, 1 (1-19); Mountain—Colorado, 1 (1-19); Pacific—Washington, 4 (20-99); Oregon, 2 (1-19).

SIC 2646, Pressed and Molded Pulp Goods: New England—Maine, 3 (996); New Hampshire, 2 (100-245); Massachusetts, 3 (406); Connecticut, 1 (1-19); Middle Atlantic—New York, 8 (1,186); New Jersey, 1 (20-99); Pennsylvania, 5 (20-99); East North Central—Ohio, 3 (250-499); Indiana, 4 (463); Illinois, 3 (583); West North Central—Missouri, 2 (20-99); East South Central—Alabama, 1 (20-99); West South Central—Texas, 3 (20-99); Pacific—Washington, 1 (20-99).

SIC 2647, Sanitary Paper Products: New England—Maine, 3 (598); Vermont, 2 (250-499); Connecticut, 3 (500-999); Middle Atlantic—New York, 29 (2,535); New Jersey, 5 (1,785); Pennsylvania, 6 (1,554); East North Central—Illinois, 4 (205); Michigan, 5 (250-499); West North Central—Minnesota, 1 (1-19); Kansas, 1 (1-19); South Atlantic—District of Columbia, 1 (1-19); Florida, 2 (20-99); East South Central—Tennessee, 2 (500-999); Alabama, 2 (250-499); Mississippi, 1 (20-99); Mountain—Idaho, 1 (20-99); Pacific—Washington, 4 (1,799); Oregon, 2 (100-249); California, 14 (1,446); Hawaii, 1 (1-19).

SIC 2649, Converted Paper Products, N.E.C.: New England—Maine, 3 (1-19); New Hampshire, 4 (168); Rhode Island, 3 (20-99); West North Central—Iowa, 3 (20-99); Nebraska, 2 (1-19); South Atlantic—Maryland, 4 (250-499); Virginia, 3 (100-249); West Virginia, 1 (1-19); South Carolina, 2 (20-99); Georgia, 9 (873); East South Central—Kentucky, 2 (100-249); Tennessee, 8 (623); Alabama, 2 (250-499); West South Central—Arkansas, 2 (500-999); Louisiana, 2 (20-99); Oklahoma, 1 (1-19); Mountain—Montana, 1 (1-19); Colorado, 4 (20-99); Nevada, 1 (1-19); Pacific—Washington, 6 (20-99); Oregon, 8 (242); Hawaii, 1 (1-19).

SIC 2647 and 2649, Sanitary Paper Products and Converted Paper Products, N.E.C.: New England—Maine, 6 (603); New Hampshire, 9 (541); Vermont, 6 (500-999); Rhode Island, 3 (20-99); Connecticut, 15 (921); Middle Atlantic—New Jersey, 33 (2,967); Pennsylvania, 53 (5,226); East North Central—Illinois, 39 (2,287); Michigan, 27 (1,000-2,499); West North Central—Minnesota, 7 (100-249); Iowa, 3 (20-99); Nebraska, 2 (1-19); Kansas, 6 (250-499); South Atlantic—Maryland, 4 (250-499); District of Columbia, 1 (1-19); Virginia, 3 (100-249); West Virginia, 1 (1-19); South Carolina, 2 (20-99); Georgia, 9 (500-999); Florida, 9 (100-249); East South Central—Kentucky, 2 (100-249); Tennessee, 10 (1,000-2,499); Alabama, 4 (655); Mississippi, 1 (20-99); West South Central—Arkansas, 2 (500-999); Louisiana, 2 (20-99); Oklahoma, 1 (1-19); Mountain—Montana, 1 (1-19); Idaho, 1 (20-99); Colorado, 4 (20-99); Nevada, 1 (1-19); Pacific—Washington, 10 (1,000-2,499); Oregon, 10 (250-499); California, 77 (2,774); Hawaii, 2 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

³See footnote 2, table 1.

TABLE 3. Detailed Statistics: 1963

Item	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Sanitary paper products (SIC 2647)	Converted paper products, n.e.c. (SIC 2649)
Primary product specialization ratio ¹.....	.82	.94	.86	.97	.88	.95	.93	.84
Coverage ratio ².....	.78	.96	.88	.99	.82	.96	.97	.78
Establishments, total.....number..	387	230	586	79	425	59	119	610
With 1 to 19 employees.....do....	206	57	289	48	269	17	42	371
With 20 to 99 employees.....do....	101	99	172	25	122	28	31	168
With 100 employees or more.....do....	80	74	125	6	34	14	46	71
Proprietors and working partners.....do....	78	42	134	11	140	10	14	226
All employees (average for the year).....do....	31,983	20,728	42,343	2,194	15,135	5,720	19,108	29,514
Payroll (all employees), total for year.....\$1,000..	200,794	114,860	219,137	11,866	83,373	32,862	112,539	141,902
Production workers:								
Average for the year.....number..	23,262	16,447	34,307	1,650	11,696	4,522	15,261	22,214
March.....do....	22,951	16,820	34,261	1,674	11,701	4,524	14,574	21,186
May.....do....	22,929	16,340	34,057	1,673	11,642	4,724	14,841	21,884
August.....do....	23,646	16,116	34,179	1,602	11,858	4,815	15,341	22,903
November.....do....	23,517	16,507	34,773	1,645	11,619	4,016	15,349	22,916
Man-hours.....1,000..	49,931	34,211	69,132	3,265	23,524	9,697	32,339	43,598
January-March.....do....	12,388	8,768	17,035	843	5,951	2,340	7,850	10,209
April-June.....do....	12,469	8,664	17,274	888	5,843	2,548	8,028	10,854
July-September.....do....	12,307	8,174	17,033	751	5,760	2,447	8,177	11,238
October-December.....do....	12,767	8,628	17,790	805	5,970	2,361	8,284	11,297
Wages.....\$1,000..	130,287	78,582	156,692	7,867	57,070	24,207	85,928	92,055
Cost of materials, etc., total.....do....	709,870	174,113	689,849	15,602	200,276	40,772	619,406	290,411
Materials, parts, containers, and supplies consumed.....do....	677,435	154,813	635,811	13,746	186,997	34,007	599,957	253,285
Cost of resales.....do....	18,358	13,664	45,742	976	9,011	790	15,397	30,881
Fuels consumed.....do....	6,087	708	2,126	276	915	2,646	1,497	1,628
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	529	100	330	14	178	310	229	118
Cost.....\$1,000..	6,176	1,906	4,634	277	2,460	3,327	2,319	2,228
Generated less sold.....million kw.-hrs..	208	(D)	29	-	(D)	(D)	21	(D)
Contract work.....\$1,000..	1,814	3,022	1,536	327	893	2	236	2,389
Value of shipments (including resales), total.....do....	1,161,604	363,250	1,061,715	36,548	378,332	110,135	983,019	591,750
Value of resales.....do....	24,914	15,365	50,796	1,510	12,817	889	19,471	38,276
Value added by manufacture, adjusted.....do....	457,367	188,963	369,685	20,907	183,185	70,006	369,711	302,546
Manufacturers' inventories:								
Beginning of year, total.....do....	128,555	42,920	125,681	8,452	38,781	12,319	54,878	91,465
Finished products.....do....	51,755	15,582	45,489	6,078	10,290	7,933	28,190	43,755
Work-in-process.....do....	18,977	4,680	9,629	383	5,373	453	3,814	16,500
Materials, supplies, fuel, etc.....do....	57,823	22,658	70,565	1,991	23,118	3,933	22,874	31,210
End of year, total.....do....	139,029	43,682	134,106	8,455	37,356	14,105	59,430	92,658
Finished products.....do....	57,174	15,776	53,109	5,925	10,693	9,338	33,439	44,592
Work-in-process.....do....	19,416	4,312	9,898	497	5,680	316	4,223	17,067
Materials, supplies, fuel, etc.....do....	62,439	23,594	71,099	2,033	20,993	4,451	21,768	30,999
Expenditures for plant and equipment, total.....do....	47,004	9,423	30,129	377	8,593	11,602	16,908	12,462
New, total.....do....	45,602	8,118	26,671	359	7,731	11,558	16,628	11,853
New structures and additions to plant.....do....	8,753	1,083	4,114	25	1,643	1,312	2,741	2,241
New machinery and equipment.....do....	36,849	7,035	22,557	334	6,088	10,246	13,887	9,612
Used plant and equipment.....do....	1,402	1,305	3,458	18	862	44	280	609
Selected operating ratios:								
Payroll/Total employment.....	6,278	5,541	5,175	5,408	5,499	5,712	5,873	4,808
Production workers/Total employment.....	.73	.79	.81	.75	.77	.79	.80	.75
Man-hours/Production workers.....	2,146	2,080	2,015	1,979	2,008	2,140	2,120	1,963
Production worker wages/Man-hours.....	2.61	2.31	2.27	2.41	2.42	2.48	2.65	2.11
Cost of materials and payrolls/Total value of shipments....	.78	.80	.86	.75	.74	.66	.74	.73
Cost of materials/Total value of shipments.....	.61	.48	.65	.43	.52	.37	.63	.49
Adjusted value added/Total employment.....	14,300	9,116	8,731	9,529	11,987	12,447	19,285	10,251
Salaries and wages/Adjusted value added.....	.44	.61	.59	.57	.46	.46	.30	.47

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See appendix A for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2641.—PAPER COATING AND GLAZING											
Establishments.....number..	387	83	56	67	65	36	45	20	12	3	-
All employees:											
Total.....do....	31,983	156	379	937	2,144	2,697	7,202	6,449	8,321	3,698	-
Payroll.....\$1,000..	200,794	829	2,012	5,167	12,621	15,970	44,396	41,385	57,495	20,919	-
Value added, adjusted.....do....	457,367	2,084	10,372	11,080	27,046	38,320	93,131	91,756	119,983	63,595	-
Value of shipments.....do....	1,161,604	5,328	16,755	26,331	76,909	103,570	296,299	233,805	252,351	150,266	-
Capital expenditures, new...do....	45,602	¹ 249	289	599	1,519	2,425	7,951	8,777	21,625	2,168	-
INDUSTRY 2642.—ENVELOPES											
Establishments.....number..	230	23	13	21	49	50	57	14	3	-	-
All employees:											
Total.....do....	20,728	52	92	278	1,547	3,446	9,005	4,556	1,752	-	-
Payroll.....\$1,000..	114,860	226	368	1,282	8,126	18,780	50,621	25,868	9,589	-	-
Value added, adjusted.....do....	188,963	390	606	1,901	13,825	33,035	85,298	40,541	13,367	-	-
Value of shipments.....do....	363,250	789	1,242	3,451	27,153	62,603	157,918	78,798	31,286	-	-
Capital expenditures, new...do....	8,118	22	46	154	818	1,351	4,043	1,311	373	-	-
INDUSTRY 2643.—BAGS, EXCEPT TEXTILE BAGS											
Establishments.....number..	586	119	82	88	112	60	90	22	9	4	-
All employees:											
Total.....do....	42,343	229	553	1,211	3,593	4,125	14,502	7,464	5,439	5,227	-
Payroll.....\$1,000..	219,137	1,028	2,516	5,695	17,102	20,107	72,286	36,706	33,156	30,531	-
Value added, adjusted.....do....	369,685	2,268	5,796	11,445	34,557	39,250	133,160	64,556	47,293	31,360	-
Value of shipments.....do....	1,061,715	6,829	15,383	27,455	86,214	108,019	383,300	177,326	139,116	118,073	-
Capital expenditures, new...do....	26,671	² 365	647	1,099	4,142	3,295	7,142	3,343	4,361	2,277	-
INDUSTRY 2644.—WALLPAPER											
Establishments.....number..	79	20	13	15	17	8	6	-	-	-	-
All employees:											
Total.....do....	2,194	45	86	198	509	594	762	-	-	-	-
Payroll.....\$1,000..	11,866	236	462	1,249	2,531	3,067	4,321	-	-	-	-
Value added, adjusted.....do....	20,907	401	903	2,804	4,464	5,268	7,067	-	-	-	-
Value of shipments.....do....	36,548	600	1,296	4,490	8,612	8,272	13,278	-	-	-	-
Capital expenditures, new...do....	359	6	8	54	84	68	139	-	-	-	-
INDUSTRY 2645.—DIE CUT PAPER AND BOARD											
Establishments.....number..	425	110	72	87	82	40	26	6	2	-	-
All employees:											
Total.....do....	15,135	203	494	1,214	2,416	2,670	3,879	<u>4,259</u>	(D)	-	-
Payroll.....\$1,000..	83,373	804	2,227	5,743	12,760	14,201	20,922	<u>26,716</u>	(D)	-	-
Value added, adjusted.....do....	183,185	3,703	6,085	12,284	25,427	29,942	41,624	<u>64,120</u>	(D)	-	-
Value of shipments.....do....	378,332	6,347	13,745	28,667	63,021	64,301	88,579	<u>113,672</u>	(D)	-	-
Capital expenditures, new...do....	7,731	¹ 152	251	606	1,354	1,165	1,777	<u>2,426</u>	(D)	-	-
INDUSTRY 2646.—PRESSED AND MOLDED PULP GOODS											
Establishments.....number..	59	7	5	5	15	13	6	7	1	-	-
All employees:											
Total.....do....	5,720	9	30	78	435	905	903	<u>3,360</u>	(D)	-	-
Payroll.....\$1,000..	32,862	61	148	377	2,303	4,940	5,730	<u>19,303</u>	(D)	-	-
Value added, adjusted.....do....	70,006	116	302	743	4,295	11,336	11,725	<u>41,489</u>	(D)	-	-
Value of shipments.....do....	110,135	169	537	1,213	7,287	17,828	18,113	<u>64,988</u>	(D)	-	-
Capital expenditures, new...do....	11,558	47	<u>130</u>	(D)	313	<u>7,968</u>	(D)	<u>3,100</u>	(D)	-	-

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2647.—SANITARY PAPER PRODUCTS											
Establishments.....number..	119	12	11	19	18	13	23	13	7	3	-
All employees:											
Total.....do....	19,108	26	72	248	532	884	3,470	4,709	5,505	3,662	-
Payroll.....\$1,000..	112,539	103	374	1,308	2,799	4,363	18,897	27,412	32,992	24,291	-
Value added, adjusted.....do....	369,711	300	742	5,765	9,931	10,650	75,066	94,033	102,872	70,352	-
Value of shipments.....do....	983,019	707	2,278	22,052	46,799	27,059	178,498	260,243	274,033	171,350	-
Capital expenditures, new...do....	16,628	<u>32,499</u>	(D)	(D)	353	939	2,242	4,631	3,410	2,554	-
INDUSTRY 2649.—CONVERTED PAPER PRODUCTS, N.E.C.											
Establishments.....number..	610	178	83	110	113	55	50	14	6	-	1
All employees:											
Total.....do....	29,514	339	559	1,502	3,410	3,774	8,035	4,830	<u>7,065</u>	-	(D)
Payroll.....\$1,000..	141,902	1,446	2,591	6,603	16,060	17,856	40,929	24,834	<u>31,583</u>	-	(D)
Value added, adjusted.....do....	302,546	3,898	5,635	14,815	37,436	40,070	79,536	49,724	<u>71,432</u>	-	(D)
Value of shipments.....do....	591,750	7,670	11,023	29,414	79,351	79,793	169,273	102,180	<u>113,046</u>	-	(D)
Capital expenditures, new...do....	11,853	<u>4942</u>	421	640	1,208	1,511	3,173	1,949	<u>2,009</u>	-	(D)

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

¹Includes capital expenditures of approximately \$50-\$100 thousand for plants under construction but not in operation.²Includes capital expenditures of approximately \$20-\$50 thousand for plants under construction but not in operation.³Includes capital expenditures of approximately \$1-\$2 million for plants under construction but not in operation.⁴Includes capital expenditures of approximately \$500-\$1,000 thousand for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
						Col. B Col. B-C (percent)				Col. B Col. F (percent)
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)	(\$1,000)	(\$1,000)	(percent)
		A	B	C	D	E	F	G	H	I
2641	Paper coating and glazing.....1963..	1,161,604	919,243	203,306	39,055	82	1,170,723	919,243	251,480	78
	1958..	805,185	648,247	119,987	36,951	84	812,206	648,247	163,959	81
2642	Envelopes.....1963..	363,250	318,378	20,449	24,423	94	330,701	318,378	12,323	96
	1958..	271,631	232,752	17,313	21,566	93	246,881	232,752	14,129	94
2643	Bags, except textile.....1963..	1,061,715	861,324	143,420	56,971	86	976,918	861,324	115,594	88
	1958..	908,521	770,680	112,171	25,670	87	857,156	770,680	86,476	89
2644	Wallpaper.....1963..	36,548	33,332	1,019	2,197	97	33,610	33,332	278	99
	1958..	40,840	35,122	2,783	2,935	93	35,599	35,122	477	99
2645	Die cut paper and board.....1963..	378,332	312,633	43,282	22,417	88	380,115	312,633	67,482	82
	1958..	251,364	212,394	18,261	20,709	92	264,887	212,394	52,493	80
2646	Pressed and molded pulp goods.....1963..	110,135	107,646	1,303	1,186	99	112,032	107,646	4,386	96
	1958..	78,780	77,100	1,008	672	99	80,411	77,100	3,311	96
2647	Sanitary paper products.....1963..	983,019	² 902,331	59,765	20,923	93	925,378	² 902,331	23,047	97
	1958..	-	-	-	-	-	-	-	-	-
2649	Converted paper products, n.e.c...1963..	591,750	460,940	84,915	45,895	84	589,520	460,940	128,580	78
	1958..	-	-	-	-	-	-	-	-	-

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Due to a reclassification of the industry. 1958 data is not available.²Includes shipments in the range of \$3 million to \$5 million of products made in other industries but are included in this column in order to avoid disclosing individual companies figure.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed

Prod. class code	Class of products and miscellaneous receipts	All industries	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Sanitary paper products (SIC 2647)	Converted paper products, n.e.c. (SIC 2649)	Other industries
	PAPER AND PAPERBOARD PRODUCTS INDUSTRY										
	Total shipments and receipts of the industry.....	(X)	1,161,604	363,250	1,061,715	36,548	378,332	110,135	983,019	591,750	(X)
	Converted paper and paperboard, except containers and boxes.....	4,519,321	980,077	333,058	915,459	33,332	317,936	107,646	948,544	486,869	396,400
26411	Off-machine coated paper for printing	147,891	131,165	-	(1)	-	(1)	-	-	(1)	(2)
26412	Oiled, waxed, and wax laminated paper	213,304	184,711	-	5,124	-	-	-	12,398	805	310,266
26413	Gummed products.....	98,154	82,862	-	5,613	-	(D)	-	(D)	6,752	2,405
26414	Pressure sensitive tapes.....	311,665	206,743	-	(D)	-	-	-	-	(D)	4104,855
26415	Laminated or coated wrappers, except waxed (rolls and sheets).....	119,252	83,317	-	18,950	-	(D)	-	(D)	1,900	513,006
26416	Other coated and processed paper, except wrappers.....	272,901	222,899	-	5,510	(6)	(D)	-	(D)	(D)	741,465
26410	Paper coating and glazing, n.s.k....	7,556	87,556	-	-	-	-	-	-	-	-
26420	Envelopes.....	330,701	(D)	318,378	(D)	-	(D)	-	-	6,033	4,628
26431	Grocers' and variety bags, paper and wardrobe, shopping and other bags...	254,144	(D)	-	225,553	-	-	-	(D)	(D)	912,141
26432	Specialty bags and liners.....	416,121	30,150	(D)	345,889	-	-	-	2,704	(D)	1030,453
26433	Shipping sacks and multiwall bags...	288,580	-	-	271,815	-	-	-	(D)	-	11(D)
26430	Bags, except textile bags, n.s.k....	18,073	-	-	1218,073	-	-	-	-	-	-
26440	Wallpaper.....	33,610	-	-	-	33,332	-	-	-	-	278
26451	Office supplies (filing accessories) and miscellaneous products.....	297,803	(D)	1,294	(D)	-	254,269	-	(D)	2,636	1330,559
26452	Pasted, lined, laminated, or surface coated paperboard.....	73,108	4,116	-	(D)	-	49,792	-	(D)	-	1419,135
26450	Die cut paper and board, n.s.k.....	9,204	(D)	-	-	-	8,572	-	-	-	(D)
26461	Bituminous fiber pipe, sewer, and drainage and conduit including fittings - molded pulp.....	22,962	-	-	-	-	-	22,185	-	-	(15)
26462	Other pressed and molded pulp goods..	89,318	-	-	-	-	(1)	1685,461	-	-	173,609
26471	Sanitary napkins and tampons.....	142,016	-	-	-	-	-	-	18142,016	-	(18)
26472	Sanitary tissue health products.....	783,362	(D)	-	(D)	-	-	-	760,315	2,944	1910,928
26491	Stationery, tablets, and related products.....	202,073	(D)	9,061	(D)	-	(D)	-	-	169,447	2021,822
26492	Wrapping products (gift wrap, etc.)..	88,233	(D)	(D)	5,179	-	(D)	-	(D)	47,006	2118,393
26495	Other converted paper and board products.....	270,069	3,911	(D)	4,568	-	(D)	-	4,130	215,585	2239,515
26490	Converted paper products, n.s.k.....	29,145	(D)	-	-	-	(D)	-	(D)	28,902	146
	Other products.....	(X)	142,472	5,769	89,285	1,019	37,979	1,303	13,552	58,986	(X)
27512	Labels and wrappers printing (letterpress).....	(X)	8,972	-	30,715	-	-	-	-	-	(X)
27516	Other general job printing (letterpress).....	(X)	391	-	-	-	5,816	-	-	-	(X)
27518	Other gravure printing.....	(X)	-	-	1,917	-	-	-	-	-	(X)
34970	Metal foil and leaf (except plain aluminum foil).....	(X)	17,871	-	-	-	-	-	-	7,209	(X)
23930	Textile bags, except laundry, wardrobe, and shoe.....	(X)	-	-	19,526	-	-	-	-	-	(X)
26510	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen food, etc.).....	(X)	-	-	1,042	-	-	-	-	786	(X)
26530	Corrugated and solid fiber boxes, including pallets.....	(X)	-	-	2,468	-	506	-	-	-	(X)
30791	Unsupported plastic film, sheeting, rods, tubes and other stock shapes from purchased resin materials.....	(X)	-	-	10,520	-	-	-	-	-	(X)
22991	Bonded fiber fabrics (nonwoven textiles including nonwoven ribbons for gift tyings).....	(X)	-	-	-	-	-	-	-	4,007	(X)
	Other secondary products.....	(X)	23115,238	5,769	2423,097	1,019	2531,657	1,303	2613,552	2746,984	(X)
	Miscellaneous receipts, total.....	(X)	39,055	24,423	56,971	2,197	22,417	1,186	20,923	45,895	(X)
	Resales.....	(X)	24,914	15,365	50,796	1,510	12,817	889	19,471	38,651	(X)
	Other miscellaneous receipts.....	(X)	14,141	9,058	6,175	687	9,600	297	1,452	7,744	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Less than \$100 thousand.

²The following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing figures for individual companies: 2621, Paper Mills, Except Building.

³The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2651, Folding Paperboard Boxes; and 2751, Printing, Except Lithographic.

Footnotes continued on next page.

**TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued**

Footnotes for Table 5B-26B—Continued

⁴The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2751, Printing, Except Lithographic; 3069, Rubber Products, N.E.C.; 3291, Abrasive Products; and 3953, Marking Devices.

⁵The following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing figures for individual companies: 3352, Aluminum Rolling and Drawing.

⁶An insignificant amount of other coated and processed paper produced in industry 2644, Wallpaper, has been combined with "Other secondary products" produced in this industry to avoid disclosing figures for individual companies.

⁷Includes \$10.9 shipped by industry 2295, Coated Fabric, Not Rubberized. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2621, Paper Mills, Except Building; 2631, Paperboard Mills; 2751, Printing, Except Lithographic; 3352, Aluminum Rolling and Drawing; and 3497, Metal Foil and Leaf.

⁸Includes an insignificant amount of product class 26410, Paper coating and glazing, n.s.k., produced by other industries and combined here to avoid disclosing figures for individual companies.

⁹Includes shipments in excess of \$2 million made by the following industries but are withheld to avoid disclosing figures for individual companies: 2631, Paperboard Mills; and 2653, Corrugated Shipping Containers.

¹⁰Includes \$4.2 million shipped by industry 2393, Textile Bags; \$15.8 million shipped by industry 2751, Printing, Except Lithographic; \$5.2 million shipped by industry 3079, Plastics Products, N.E.C.; and \$3.4 million shipped by industry 3497, Metal Foil and Leaf.

¹¹Includes \$8.7 million shipped by industry 2393, Textile Bags.

¹²Includes an insignificant amount of product class 26430, Bags, except textile bags, n.s.k., produced by other industries and combined here to avoid disclosing figures for individual companies.

¹³Includes \$1.6 million shipped by industry 2522, Metal Office Furniture; \$1.5 million shipped by industry 2751, Printing, Except Lithographic; \$2.7 million shipped by industry 2761, Manifold Business Forms; \$1.0 million shipped by industry 3579, Office Machines, N.E.C. In addition the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2654, Sanitary Food Containers; 3079, Plastics Products, N.E.C.; and 3861, Photographic Equipment.

¹⁴Includes \$10.7 million shipped by industry 2631, Paperboard Mills; and \$2.3 million shipped by industry 2651, Folding Paperboard Boxes. In addition the following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing figures for individual companies: 2654, Sanitary Food Containers.

¹⁵Less than \$1 million.

¹⁶Includes less than \$300 thousand of product class 26460, Pressed and molded pulp goods, n.s.k., combined here to avoid disclosing figures for individual companies.

¹⁷Industry 2611, Pulp Mills had shipments of \$2 million or more but the exact amount is withheld to avoid disclosing figures for individual companies: 2654, Sanitary Food Containers.

¹⁸Shipments in the range of \$3 million to \$5 million produced by other industries, of which industry 2842, Polishes and Sanitation Goods had shipments which totaled \$2 million or more, are included with the shipments of industry 2647, Sanitary Paper Products in order to avoid disclosing figures for individual companies.

¹⁹The following industries had shipments which totaled \$2 million or more but are being withheld to avoid disclosing figures for individual companies: 2653, Corrugated Shipping Containers; 2654, Sanitary Food Containers; and 3842, Surgical Appliances and Supplies.

²⁰Includes \$3.4 million shipped by industry 2771, Greeting Card Manufacturing; and \$10.4 million shipped by industry 2782, Blankbooks, Looseleaf Binders. In addition the following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing figures for individual companies: 2621, Paper Mills, Except Building.

²¹Includes \$9.0 million shipped by industry 2771, Greeting Card Manufacturing. In addition the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2654, Sanitary Food Containers; and 2731, Books, Publishing, and Printing.

²²Includes \$6.3 million shipped by industry 2654, Sanitary Food Containers; and \$7.6 million shipped by industry 2751, Printing, Except Lithographic. In addition the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing figures for individual companies: 2432, Veneer and Plywood Plants; 2621, Paper Mills, Except Building; 2761, Manifold Business Forms; and 3069, Rubber Products, N.E.C.

²³Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 26212 Groundwood paper, uncoated; 26213, Paper-machine coated paper; 26510, Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen food, etc.); 26541, Milk and other beverage cartons; 26543, Other sanitary food containers, boards and trays (including frozen food, butter, oleo, shortening, ice cream cartons and pails, plates, utensils, straws, etc.); 26552, Fiber cans, tubes and other fiber products; 27518, Other gravure printing; 28911, Glues and adhesives and sizes; 30698, Other rubber goods, n.e.c.; 30791, Unsupported plastic film, sheeting, rods, tubes, and other stock shapes; 30795, Industrial plastic products; 34990, Fabricated metal products, n.e.c.; 35790, Addressing, dictating, duplicating, and office machines, n.e.c.; 36795, Other electronic components and accessories, n.e.c., including parts for electron tubes (except glass blanks); and 38421, Surgical, orthopedic and prosthetic appliances and supplies.

²⁴Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 30796, Construction plastic products; and 34970, Metal foil and leaf.

²⁵Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 27526, Other commercial printing; 27612, Manifold business forms, unit-set; 27940, Electroplating and stereotyping; and 39550, Carbon paper, stencil paper, and inked ribbons.

²⁶Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 27512, Labels and wrappers printing (letterpress); and 30791, Unsupported plastic film, sheeting, rods, tubes, and other stock shapes.

²⁷Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 26542, Cups and liquid-tight food containers; 27215, General: receipts from subscriptions and sales; 27512, Labels and wrappers printing (letterpress); 27516, Other general job printing (letterpress); 27822, Loose-leaf binders and devices; 28213, Thermoplastic resins and plastics materials; and 34423, Metal molding and trim, and store fronts.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity ¹	Value (\$1,000)	Quantity ¹	Value (\$1,000)
2641- --	PAPER COATING AND GLAZING.....	(X)	1,170,723	(X)	812,206
26411 --	Off-machine coated paper for printing.....	(X)	147,891	238,189	96,022
	Coated one side:				
26411 11	Total shipments and quantity consumed.....	184,791	73,840	165,075	63,346
26411 12	Quantity of raw stock produced at this location.....	136,359	(X)	(NA)	(X)
	Coated two sides:				
26411 51	Total shipments and quantity consumed.....	173,728	74,051	73,114	32,676
26411 52	Quantity of raw stock produced at this location.....	120,085	(X)	(NA)	(X)
26412 --	Oiled, waxed and wax-laminated paper.....	(NA)	213,304	437,594	240,296
	Oiled, waxed and wax-laminated paper, plain or printed:				
26412 11	Oiled and similarly treated paper.....	40,065	19,088	61,944	26,669
	Waxed and wax-laminated paper:				
26412 21	Printed bread wraps.....	67,955	42,060	84,313	59,036
26412 25	Unprinted bread wraps.....	12,556	6,605	8,794	4,809
26412 31	Household waxed paper.....	95,678	49,254	119,593	59,602
26412 41	Delicatessen paper.....	18,226	8,830	18,871	11,219
26412 45	Locker, including freezer, paper.....	16,029	6,303	9,819	4,835
26412 55	Biscuit and cracker inner wraps.....	14,942	7,381	15,553	7,779
26412 65	Cereal and similar inner wraps, except biscuit and crackers.....	12,293	5,905	14,092	6,712
26412 75	Frozen food carton overwraps.....	15,390	14,646	19,776	17,795
26412 81	Other waxed and wax-laminated paper, including candy wraps and cheese wraps.....	167,758	52,446	81,772	40,073
26412 00	Wax and wax-laminated paper, n.s.k.....	(X)	786	3,067	1,767
26413 --	Gummed products.....	(X)	98,154	(NA)	78,369
26413 12	Gummed sealing tape, paper base and reinforced base, used for sealing and securing.....	133,802	56,258	103,364	49,607
26413 14	Corrugators' box gummed tape used on manufacturing joints of corrugated boxes.....	21,140	13,571		
26413 31	Gummed flat paper including stock labels unprinted.....	31,572	26,577		
26413 00	Gummed products, n.s.k.....	(X)	1,748	(NA)	2,582
26414 --	Pressure sensitive tapes.....	(X)	311,665	(X)	183,437
26414 11	Paper backing.....	62,730	119,375	(NA)	72,794
26414 31	Cloth backing, excluding surgical adhesive.....	(X)	11,912	(X)	15,702
26414 51	Plastic backing, including cellophane and other transparent materials...	(X)	122,700	(X)	88,120
26414 73	Reinforced and laminated tape (all backings).....	6,870	21,958	(NA)	(NA)
26414 75	Pressure sensitive labels (unprinted).....	18,359	21,300	(NA)	(NA)
26414 79	Other, excluding rubber.....	24,504	12,697	(NA)	6,072
26414 00	Pressure sensitive tapes, n.s.k.....	(X)	1,723	(NA)	749
26415 --	Laminated or coated wrappers, except waxed.....	(X)	119,252	186,998	76,976
26415 11	Paper, waterproof (plain, reinforced, creped, or lined).....	97,847	39,563	81,167	30,036
26415 41	Paper, moisture proof and vapor barrier.....	76,157	30,138	55,339	26,468
26415 52	Laminated and coated films and papers, excluding polyethylene and foil..	87,507	48,238	50,492	20,472
26415 00	Laminated or coated wrappers, except waxed, n.s.k.....	(X)	1,313	(NA)	(NA)
26416 --	Other coated and processed paper, except wrappers.....	(X)	272,901	(X)	134,803
26416 11	Casein and similarly coated paper.....	82,280	18,858	25,251	10,950
26416 21	Special coated paper (mica, pryoxilin, lacquer, metallic-other than foil, etc.).....	32,940	42,046	28,652	27,517
26416 41	Processed plain paper (embossed, leatherette, etc.).....	43,689	13,490	15,019	6,652
26416 55	Processed coated plain (embossed, leatherette, etc.).....	15,986	11,291	12,419	9,674
	Laminated or coated rolls and sheets, plain or printed, except wax-laminated paper and foil:				
26416 61	Polyethylene coated paper and paperboard.....	(NA)	113,289	22,352	16,807
26416 67	Polyethylene laminated or coated to materials other than foil.....	(NA)	21,240	(X)	21,255
26416 98	Other coated and processed paper, including soap impregnated paper ³	(X)	48,653	37,562	31,660
26416 00	Processed and coated paper, n.s.k. ⁴	(X)	4,034	21,239	10,288
26410 00	Paper coating and glazing, n.s.k. ⁴	(X)	7,556	(X)	2,303
2642- --	ENVELOPES (IN THOUSANDS OF ENVELOPES SHIPPED) ⁵	68,038,665	330,701	(NA)	246,881
26420 11	Envelopes, all types, sizes, and materials, excluding stationery envelopes (in thousands of envelopes shipped) ⁵	68,038,665	330,701	(NA)	246,881
2643- --	BAGS, EXCEPT TEXTILE BAGS.....	(X)	976,918	(X)	857,156
26431 --	Grocers' and variety bags (paper) and wardrobe, shopping and other bags...	(X)	254,144	991,811	239,959
26431 11	Grocers' and variety bags, paper.....	1,220,790	229,075	957,493	227,835
26431 51	Shopping bags.....	16,742	6,508	13,482	5,864
26431 98	Other paper bags, n.e.c., (wardrobe, mothproof).....	(S)	18,561	20,836	6,260

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity ¹	Value (\$1,000)	Quantity ¹	Value (\$1,000)
2643- --	BAGS, EXCEPT TEXTILE BAGS—Continued				
26432 --	Specialty bags and liners ⁶	(X)	416,121	(X)	304,496
26432 13	Paper and paper combinations: Kraft or sulfite paper, single or in combination with other paper or films, except polyethylene.....	191,519	90,075	185,403	80,014
26432 17	Glassine, greaseproof, and parchment, laminated or unlaminated.....	(NA)	45,080	38,878	32,638
26432 22	Polyethylene combinations, including polyethylene and foil combinations: Polyethylene combined with other films by lamination or coating.....	(X)	30,816	(X)	735,915
26432 24	Polyethylene combined by lamination or by coating to paper, to foil or to foil combinations.....	(X)	8,189		
26432 41	Unsupported film: Cellophane-quantity (in 1,000 lbs.) of cellophane shipments and transfers.....	(NA)	36,575	35,486	35,303
26432 43	Polyethylene-quantity (in 1,000 lbs.) of polyethylene shipments and transfers.....	(NA)	111,846	73,557	63,379
26432 45	Other unsupported films (pliofilm, acetate, etc.).....	(NA)	29,852	(X)	13,605
26432 58	Foil and foil combinations and laminations, except polyethylene.....	(X)	5,517	(X)	9,611
26432 65	Resale household bags (all materials) (garbage, lunch, sandwich, etc.)..	(NA)	41,036	(X)	11,829
26432 00	Specialty bags and liners, n.s.k.....	(X)	17,135	(X)	822,202
26433 --	Shipping sacks and multiwall bags.....	896,205	288,580	927,564	312,701
26433 11	Single and double wall.....	149,535	50,858	173,021	54,208
26433 51	Multiwall (three or more plies).....	745,111	237,220	754,543	246,453
26433 00	Shipping sacks and multiwall bags, n.s.k.....	(X)	502	(X)	12,040
26430 00	Bags, except textile bags, n.s.k. ⁴	1,509	18,073	(X)	(X)
2644- --	WALLPAPER.....	(X)	33,610	(X)	35,599
26440 --	Wallpaper:				
26440 11	Machine printed wallpaper: Quantity (in short tons) of paper and board consumed.....	36,619	(X)	47,239	(X)
26440 15	Quantity (in 1,000 single rolls or equivalent) of shipments and transfers.....	88,484	22,033	134,834	29,849
26440 55	Screen and hand printed wallpaper, including repeat goods, scenics, panels, etc.: Quantity (in 1,000 single rolls equivalent 36 sq. ft.) of shipments and transfers.....	2,809	9,405	1,396	4,728
26440 00	Wallpaper, n.s.k. ⁴	(X)	2,172	(X)	1,022
2645- --	DIE CUT PAPER AND PAPERBOARD AND CARDBOARD.....	(X)	380,115	(X)	264,887
26451 --	Office supplies (filing accessories) and miscellaneous products.....	(X)	297,803	(X)	207,938
26451 11	Filing accessories: Index cards.....	8,493	5,918	14,939	9,073
26451 13	File folders.....	45,921	29,584	40,599	20,624
26451 15	Guide cards.....	10,868	9,943	14,655	11,565
26451 21	Other die cut paper and cardboard office supplies, including binders and covers, except loose-leaf.....	(NA)	22,111	(S)	14,239
26451 53	Standard tabulating cards (single cut cards 3-1/4" wide and 7-3/8" long, unprinted or printed on one side in any one color ink on any color stock).....	308,022	106,311	199,434	82,909
26451 55	Nonstandard tabulating cards including single, cut cards in continuous form.....	54,883	30,205		
26451 61	Cards, die cut and designed (not printed).....	11,986	6,591	14,477	5,518
26451 71	Automotive board products (panel, trim, etc.).....	75,327	36,230	44,788	15,405
26451 81	Bottle caps, closures and lids.....	40,129	27,702	36,129	21,424
26451 98	Other, including fillers and flats for egg cases, except molded pulp (excluding labels).....	(X)	23,208	(X)	27,181
26452 10	Pasted, lined, laminated, or surface-coated paperboard.....	327,345	73,108	281,227	56,949
26450 00	Die cut paper and paperboard and cardboard, n.s.k.....	(X)	9,204	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity of wood pulp and waste paper consumed (short tons)	Value (\$1,000)	Quantity of wood pulp and waste paper consumed (short tons)	Value (\$1,000)
2646- --	PRESSED AND MOLDED PULP GOODS.....	(X)	112,032	(X)	80,411
26461 --	Bituminous fiber pipe, sewer and drainage, and conduit and fittings - molded pulp.....	(X)	22,962	(X)	29,485
26461 07	Bituminous fiber pipe, sewer and drainage, conduit and fittings (molded pulp of papier-mache).....	50,486	22,962	(NA)	29,485
26461 08	Quantity (in thousands of running foot) of shipments and transfers.....	114,893	(X)	(NA)	(X)
26462 --	Other pressed and molded pulp goods.....	(X)	89,070	(X)	50,926
26462 31	Prepackaging trays and boards (for meat and produce) and food trays....	100,672	26,748	(NA)	11,585
26462 51	Molded pulp plates and dishes.....	36,085	14,634	(NA)	12,431
26462 98	Other molded pulp and papier-mache articles including egg cartons and excluding statuary and art goods.....	(X)	47,688	(X)	26,910
Total shipments including interplant transfers					
		1963		1958	
		Quantity ¹	Value (\$1,000)	Quantity ¹	Value (\$1,000)
2647- --	SANITARY PAPER PRODUCTS.....	(X)	925,378	(X)	689,327
26471 --	Sanitary napkins and tampons.....	(X)	142,016	(X)	116,087
26471 11	Sanitary napkins and tampons - 1,000 gross dozen.....	3,543	142,016	2,965	116,087
26471 51					
26471 15	Short tons of wood pulp and paper consumed in the manufacture of sanitary napkins and tampons.....	65,105	(X)	(NA)	(X)
26471 55					
26472 --	Sanitary tissue health products.....	(X)	783,362	1,634,849	573,240
26472 11	Facial tissues and handkerchiefs, including sputum wipes.....	250,218	126,194	229,242	108,236
Table napkins, including plain, creped, and facial tissue:					
Industrial (bulk and dispenser types):					
Regular type-single ply:					
26472 25	Bulk.....	54,996	21,578	84,322	28,781
26472 27	Dispenser.....	36,524	12,467		
26472 33	Facial tissue type-2 or more ply.....	36,032	20,786	9,087	6,012
Retail packages (resale):					
26472 35	Regular type-single ply.....	90,845	41,096	58,820	28,009
26472 37	Facial tissue type-2 or more ply.....	50,500	22,547	42,497	22,934
Toilet paper:					
Rolls and ovals:					
Industrial:					
26472 41	Facial tissue type-2 or more ply.....	15,916	5,868	15,684	8,188
26472 43	Regular type-single ply.....	98,804	27,429	66,624	18,599
Retail packages (resale):					
26472 45	Facial tissue type-2 or more ply.....	335,533	125,669	249,217	96,459
26472 47	Regular type-single ply.....	465,473	150,289	426,039	124,220
26472 55	Interfolded and flat package.....	16,786	5,215	19,674	5,349
Towels (rolled, folded, or interfolded):					
26472 71	Industrial.....	302,326	75,659	221,518	55,366
26472 75	Retail packages (resale).....	327,439	113,439	172,655	52,448
26472 81	Wipers (windshield, industrial, and lithographic plate).....	29,640	13,392	21,760	8,413
26472 98	Other sanitary health products, including toilet seat covers, bibs, absorbent pads, headrests, tray covers, etc.....	23,892	18,778	17,710	10,226
26472 99	Sanitary tissue health products, n.s.k.....	(X)	2,956	(X)	(NA)
2649- --	CONVERTED PAPER AND PAPERBOARD PRODUCTS, N.E.C.....	(X)	589,520	1,055,906	481,836
26491 --	Stationery, tablets, and related products.....	(NA)	202,073	262,849	151,182
Stationery:					
26491 11	Boxed stationery and portfolios.....	15,913	27,039	18,024	22,631
26491 13	Wedding and social announcements (paper, cards, and envelopes).....	(S)	4,691	5,623	5,034
26491 15	Package paper and envelopes.....	25,456	19,532	28,178	21,917
26491 19	Other.....	(S)	10,749	3,059	2,480
Tablets and related table type products:					
26491 51	Correspondence type tablets.....	20,512	10,025	17,665	8,296
26491 53	Tablets and pads--book and writing, paper grade.....	60,831	26,461	48,390	21,794
26491 55	Newsprint tablets and pads.....	15,922	7,026	16,512	6,246
26491 57	Notebooks, including mechanical bound by thread, wire, plastic, etc....	(NA)	27,978	29,681	16,684
26491 58	Looseleaf fillers and wrapped ream papers in filler sizes plain or faint ruled, excluding printed forms.....	115,583	53,220	79,576	37,490
26491 59	Other.....	11,922	7,708	16,141	8,610

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity ¹	Value (\$1,000)	Quantity ¹	Value (\$1,000)
2649- --	CONVERTED PAPER AND PAPERBOARD PRODUCTS, N.E.C.—Continued				
26491 --	Stationery, tablets, and related products—Continued				
26491 00	Stationery, tablets, and related products, n.s.k.....	(X)	7,634	(X)	(X)
26492 --	Wrapping products (gift wrap).....	(X)	88,233	133,674	87,219
26492 65	Creped wadding for packaging (cellulose) and crepe paper, excluding fine creped paper.....	24,695	13,255	27,110	12,980
	Gift wrap paper; all types and basic weights plain, printed by any process, and decorated, including glitter, sequins, etc., generally defined as retail counter items:				
26492 82	Rolls.....	46,848	38,994	40,682	43,632
26492 83	Less than 18 lbs., basic weight (tissue grades of paper).....	935	(X)		
26492 91	Folds.....	(NA)	16,419		
26492 92	Less than 18 lbs., basic weight (tissue grades of paper).....	(NA)	(X)		
	Dollar sales of gift wrap paper by end use:				
26492 93	Christmas gift wrapping.....	(X)	⁹ 30,931		
26492 94	Everyday gift wrapping (all gift wrappings, except Christmas).....	(X)	⁹ 12,835		
26492 95	Other gift wrapping, counter rolls and flat sheets, store own use (gift wrap prepared for sale in package form is excluded).....	6,443	2,466		
26492 98	Other wrapping products (except coated, laminated, oiled, waxed and printed, including saturated and impregnated paper, etc.) (Paper gift wrap materials shipped to other manufacturers for further processing in preparing a complete put-up package are included.).....	24,477	17,099	65,882	30,607
26495 --	Other converted paper and board products.....	(X)	270,069	628,978	226,765
	Business machine supplies:				
26495 11	Rolls for adding and other business machines.....	(S)	25,289	37,180	17,074
26495 17	Other, including tapes, teletypes, etc.....	39,044	18,651	22,576	10,193
26495 31	Other miscellaneous office supplies, including safety paper.....	24,076	12,470	41,397	17,984
	Novelties, games, displays, and similar products:				
26495 41	Fine creped paper, excluding creped wrapping.....	(NA)	8,925	5,497	5,433
26495 47	Other.....	(NA)	12,585	7,351	6,449
	Industrial paper and board products:				
	Laminated wallboard:				
26495 61	Quantity (in short tons) of paper and board consumed.....	(³)	(¹⁰)	33,921	8,410
26495 63	Quantity (in 1,000 sq. ft.) of shipments and transfers.....	(NA)	(X)	76,482	(X)
	Tiled wallboard:				
26495 65	Quantity (in short tons) of paper and board consumed.....	³ 141,942	¹⁰ 45,483	32,961	15,847
26495 66	Quantity (in 1,000 sq. ft.) of shipments and transfers.....	(S)	(X)	65,634	(X)
26495 69	Other ¹²	(S)	24,494	169,867	37,281
	Miscellaneous paper products:				
26495 71	Doilies, place mats, and tray doilies (or tray covers).....	21,372	13,570	13,565	10,788
26495 81	Patterns.....	(NA)	38,564	13,819	32,055
26495 82	Tags, unprinted.....	(NA)	9,033	13,010	12,060
26495 87	Folders and mounts, all types, except file folders.....	(NA)	5,363	13,919	7,907
26495 88	Labels, unprinted, except gummed.....	(NA)	2,117	770	3,149
26495 98	Other miscellaneous paper and board products, including cigarette paper books, paper draperies, shelf paper, printed and unprinted, etc.....	(NA)	48,112	81,029	42,135
26495 00	Other converted paper and board products, n.s.k.....	(X)	5,413	(X)	(X)
26490 00	Converted paper and paperboard products, n.s.k. ⁴	(X)	29,145	30,405	16,670

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Paper and board consumed in short tons, unless otherwise specified.

²May contain some quantity and value of "Waxed and waxed-laminated" paper incorrectly reported as "Oiled and similarly treated paper."

³May include some "Case in and similarly coated paper." (product code 2641511), and "Special coated paper" (product code 2641521), along with vinyl and other resin-impregnated papers, and rubber-impregnated papers.

⁴Accounted for by the small establishments (generally less than 20 employees) which reported on a short form specially designed to relieve such establishments from detailed reporting.

⁵1958 quantity data were collected in short tons of paper and board consumed in the manufacture of envelopes. The quantity of paper and board consumed amounted to 367,023 short tons.

⁶Figures shown for this product are not directly comparable to those shown in the Current Industrial Reports M26F, Converted Flexible Packaging Products. The differences between the two sets of data will be explained in the 1964 summary of Converted Flexible Packaging Products, M26F.

⁷The 1958 data for this product are not directly comparable with 1963. In 1958 polyethylene and foil combinations were not included.

⁸The 1958 data for this product include \$15,324 thousand of unsupported cellophane, polyethylene, and other unsupported film.

⁹The value shown for these items is not included in the product class or industry totals; they are memo items indicating distribution of the value of shipments by end use for product codes 2649282 and 2649291. However, the value for these items does not equal the previously noted product codes since not all respondents reported their sales by end use.

¹⁰Quantity and value for laminated wallboard, code 2649561, are included with tiled wallboard, code 2649565, for 1963 in order to avoid disclosing data for individual companies.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
264--	Converted paper and paperboard products except containers and boxes.....1963..	(¹)	(¹)		Converted paper and paperboard products except containers and boxes--Continued		
	.....1958..	(¹)	(¹)				
2641-	Paper coating and glazing.....1963..	(¹)	(¹)	2645-	Die cut paper and paperboard and cardboard ³.....1963..	173	99
	.....1958..	(¹)	(¹)		.....1958..	130	95
26411	Off-machine coated paper for printing.....1963..	200	108	26451	Office supplies (filing accessories) and miscellaneous products.....1963..	183	94
	.....1958..	101	115		.....1958..	135	91
26412	Oiled, waxed and wax-laminated paper.....1963..	107	93	2646-	Pressed and molded pulp goods.....1963..	(¹)	(¹)
	.....1958..	115	100		.....1958..	(¹)	(¹)
26413	Gummed products.....1963..	160	92				
	.....1958..	130	91				
26415	Laminated or coated wrappers, except waxed.....1963..	190	117	2647-	Sanitary paper products.....1963..	165	110
	.....1958..	135	106		.....1958..	129	106
2642-	Envelopes ².....1963..	146	114	26471	Sanitary napkins and tampons.....1963..	158	117
	.....1958..	110	113		.....1958..	132	115
2643-	Bags, except textile bags.....1963..	(¹)	(¹)	26472	Sanitary tissue health products....1963..	166	109
	.....1958..	(¹)	(¹)		.....1958..	129	104
26431	Grocers' and variety bags (paper) and wardrobe, shopping and other bags.....1963..	146	99	2649-	Converted paper and paperboard products, n.e.c. ⁴.....1963..	159	98
	.....1958..	114	121		.....1958..	127	103
26433	Shipping sacks and multiwall bags..1963..	107	107	26491	Stationery, tablets, and related products.....1963..	157	115
	.....1958..	114	108		.....1958..	130	110
2644-	Wallpaper.....1963..	77	77	26492	Wrapping products (gift wrap).....1963..	130	123
	.....1958..	88	102		.....1958..	127	129

n.e.c. Not elsewhere classified.

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

²The number of envelopes shipped was collected for the first time in 1963, therefore these indexes were computed on the basis of tons of paper and board consumed as reported by establishments classified in Industry 2642.

³Adjusted to include product class 26452 (pasted, lined, laminated, or surface-coated paperboard) and a minor amount of products not specified by kind.

⁴Adjusted to include product class 26495 (other converted paper and board products) and products not specified by kind.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2641-	Paper coating and glazing.....\$1,000..	1,170,723	1,126,172	1,002,074	970,542	923,105	812,206	663,335	(NA)
26411	Off-machine coated paper for printing.....do....	147,891	143,517	127,408	132,700	109,655	96,022	82,450	89,428
26412	Oiled, waxed, and wax laminated paper.....do....	213,304	237,080	245,269	244,053	246,436	240,296	208,763	141,895
26413	Gummed products.....do....	98,154	97,677	93,897	101,705	98,473	78,369	66,391	65,853
26414	Pressure sensitive tapes.....do....	311,665	263,333	235,021	203,052	199,993	183,437	148,941	(D)
26415	Laminated or coated wrappers, except waxed (rolls and sheets).....do....	119,252	132,555	125,001	(S)	(S)	76,976	53,747	43,012
26416	Other coated and processed paper, except wrappers.....do....	272,901	250,780	174,442	166,628	155,926	134,803	103,043	(D)
26410	Paper coating and glazing, n.s.k.....do....	7,556	(1,230)	(1,036)	(S)	(S)	2,303	(X)	(X)
26420	Envelopes.....do....	330,701	300,201	288,237	279,226	267,576	246,881	197,283	120,692
2643-	Bags, except textile bags.....do....	976,918	959,289	950,066	939,906	944,979	857,156	635,084	356,542
26431	Grocers' and variety bags, paper and wardrobe, shipping, and other bags: Quantity.....short tons..	(S)	860,557	1,106,811	1,091,358	1,043,733	980,311	861,921	544,678
	Value.....\$1,000..	254,144	256,803	263,363	273,810	260,802	239,959	173,300	111,278
26432	Specialty bags and liners.....do....	416,121	398,748	376,696	354,123	348,547	304,496	206,293	92,055
26433	Shipping sacks and multiwall bags: Quantity.....short tons..	(NA)	982,243	998,863	997,644	1,016,838	927,564	848,616	591,521
	Value.....\$1,000..	288,580	299,584	304,714	305,698	326,500	312,701	255,001	153,209
26430	Bags, except textile bags, n.s.k.....do....	18,073	4,154	5,293	6,275	9,130	(X)	490	(X)
26440	Wallpaper.....do....	33,610	28,645	29,838	(S)	(S)	35,599	39,621	57,763
2645-	Die cut paper and board.....do....	380,115	322,887	319,533	317,996	294,180	264,887	215,553	107,245
26451	Office supplies (filing accessories) and miscellaneous products.....do....	297,803	232,552	244,557	250,576	225,461	207,938	169,513	90,263
26452	Pasted, lined, laminated, or surface coated paperboard: Quantity.....short tons..	327,345	(X)	(X)	(X)	(X)	(X)	187,243	98,539
	Value.....\$1,000..	73,108	90,335	74,976	67,420	68,706	56,949	46,040	16,982
26450	Die-cut paper and board, n.s.k.....do....	9,204	(X)	(X)	(X)	13	(X)	(X)	(X)
2646-	Pressed and molded pulp goods.....do....	112,032	96,522	88,761	86,663	89,797	80,411	45,236	17,875
26461	Bituminous fiber pipe sewer, and drainage and conduit, including fittings—molded pulp.....do....	22,962	25,067	25,056	26,064	30,697	29,485	17,891	6,531
26462	Other pressed and molded pulp goods.....do....	89,070	71,455	63,705	60,599	59,100	50,926	27,345	11,344
2647-	Sanitary paper products ².....do....	925,378	858,789	823,734	767,218	746,803	689,327	503,471	268,914
26471	Sanitary napkins and tampons.....do....	142,016	135,804	130,675	126,549	125,926	116,087	76,064	48,868
26472	Sanitary tissue health products: Quantity.....short tons..	2,134,924	(X)	(X)	(X)	(X)	(X)	1,298,808	788,376
	Value.....\$1,000..	783,362	722,985	693,059	640,669	620,877	573,240	427,407	220,046
2649-	Converted paper products, n.e.c.: ² Quantity.....short tons..	1,320,526	(X)	(X)	(X)	(X)	1,075,978	806,429	(NA)
	Value.....\$1,000..	589,520	629,631	596,585	582,950	553,241	481,836	348,452	(NA)
26491	Stationary, tablets, and related products: Quantity.....short tons..	(NA)	260,353	270,344	292,434	301,476	262,516	194,671	161,287
	Value.....\$1,000..	202,073	160,416	153,552	162,100	167,001	151,182	106,503	64,664
26492	Wrapping products (gift wrap, etc.) Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	130,674	99,470	42,589
	Value.....\$1,000..	88,233	108,717	97,907	(S)	(S)	87,219	53,053	19,005
26495	Other converted paper and board products: Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	652,383	512,288	(NA)
	Value.....\$1,000..	270,069	320,373	298,924	289,988	289,850	226,765	188,896	(NA)
26490	Converted paper products, n.s.k.....do....	29,145	(40,125)	(46,202)	(S)	(S)	16,670	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²There was a change in industry classification in the 1963 Census of Manufactures for industry 2649, Converted Paper Products, N.E.C. product classes 26493 and 26494 were classified in industry 2647, Sanitary Paper Products, and became product classes 26471 and 26472. For a fuller explanation of the change in industry definitions, see the text.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
OFF-MACHINE COATED PAPER FOR PRINTING (26411)			LAMINATED OR COATED WRAPPERS, EXCEPT WAXED (ROLLS AND SHEETS) (26415)			SPECIALTY BAGS AND LINERS (26432)		
United States, total....	147,891	96,022	United States, total....	119,252	76,976	United States, total....	416,121	304,496
Northeast.....	34,992	21,376	New England.....	16,543	16,311	New England.....	15,446	8,969
New York.....	7,823	8,300	Massachusetts.....	15,225	11,324	Massachusetts.....	12,273	8,226
North Central.....	102,852	74,646	Middle Atlantic.....	20,469	4,930	Rhode Island.....	1,643	(2)
Michigan.....	41,189	34,264	New York.....	2,340	(2)	Middle Atlantic.....	144,660	91,188
South and West.....	10,047	-	New Jersey.....	17,397	4,125	New York.....	85,608	57,689
OILED, WAXED, AND WAX LAMINATED PAPER (26412)			North Central.....	49,802	36,322	New Jersey.....	21,119	13,668
United States, total....	213,304	240,296	Ohio.....	14,622	6,697	Pennsylvania.....	37,933	19,831
New England.....	10,328	15,098	Illinois.....	11,519	3,920	East North Central.....	108,567	89,195
Middle Atlantic.....	40,846	43,559	South.....	23,596	13,611	Ohio.....	27,486	22,588
New York.....	8,216	6,452	Virginia.....	2,617	(2)	Indiana.....	10,695	8,936
New Jersey.....	26,783	28,750	Georgia.....	3,220	(2)	Illinois.....	43,344	33,638
Pennsylvania.....	5,847	8,357	Louisiana.....	3,827	(2)	Michigan.....	10,804	5,688
East North Central.....	106,322	117,775	Pacific.....	8,842	5,802	Wisconsin.....	16,238	18,345
Ohio.....	26,449	31,062	OTHER COATED AND PROCESSED PAPER, EXCEPT WRAPPERS (26416)			West North Central.....	23,895	35,155
Michigan.....	31,247	32,011	United States, total....	272,901	134,803	Missouri.....	8,362	20,875
Wisconsin.....	32,414	39,610	New England.....	53,190	40,945	South Atlantic.....	50,292	37,691
West North Central.....	10,075	15,961	Massachusetts.....	40,979	32,532	Maryland.....	6,439	5,880
South.....	16,008	17,405	Connecticut.....	2,492	1,732	North Carolina.....	4,628	2,117
Pacific.....	29,725	30,498	Middle Atlantic.....	44,668	37,561	Georgia.....	17,788	(2)
Washington.....	6,003	(2)	New York.....	12,446	12,993	Florida.....	8,419	3,891
GUMMED PRODUCTS (26413)			New Jersey.....	20,974	17,491	East South Central.....	11,863	3,667
United States, total....	98,154	78,369	Pennsylvania.....	11,248	7,077	West South Central.....	18,662	10,108
New England.....	20,958	19,865	East North Central.....	64,415	40,666	Louisiana.....	3,939	(2)
Vermont.....	3,208	(2)	Ohio.....	12,948	6,513	Texas.....	12,136	7,604
Middle Atlantic.....	27,260	18,788	Michigan.....	20,179	13,090	West.....	42,736	30,085
New York.....	9,431	6,350	Wisconsin.....	23,813	14,228	Washington.....	3,631	2,892
New Jersey.....	13,330	(2)	West North Central.....	1,820	1,993	California.....	32,893	23,568
Pennsylvania.....	4,499	(2)	South.....	95,534	8,102	SHIPPING SACKS AND MULTI-WALL BAGS (26433)		
North Central.....	35,761	(2)	North Carolina.....	5,327	(2)	United States, total....	288,580	300,661
Ohio.....	16,644	(2)	West.....	13,274	5,535	New England.....	10,987	36,180
Wisconsin.....	9,673	6,729	GROCERS' AND VARIETY BAGS, PAPER AND WARDROBE, SHOPPING AND OTHER BAGS (26431)			Middle Atlantic.....	17,657	13,227
South.....	7,201	(2)	United States, total....	254,144	239,959	Pennsylvania.....	10,315	13,227
Pacific.....	6,974	6,057	Northeast.....	40,482	39,156	East North Central.....	33,666	33,069
PRESSURE SENSITIVE TAPES (26414)			New York.....	24,043	26,121	Ohio.....	18,450	16,308
United States, total....	311,665	183,437	North Central.....	19,083	5,708	West North Central.....	31,516	27,659
New England.....	11,070	8,809	Illinois.....	1,886	1,422	Minnesota.....	4,645	4,231
Middle Atlantic.....	91,948	82,176	South Atlantic.....	64,552	52,889	Missouri.....	19,906	17,788
New York.....	22,526	20,808	Virginia.....	13,861	8,818	South Atlantic.....	85,767	94,514
North Central.....	185,734	86,356	East South Central.....	43,754	50,564	Virginia.....	11,299	15,829
Ohio.....	22,885	4,168	West South Central.....	46,719	56,821	North Carolina.....	1,001	(2)
Illinois.....	36,040	18,100	Louisiana.....	35,160	49,962	South Carolina.....	10,805	(2)
South.....	10,091	4,680	West.....	39,554	(2)	Georgia.....	33,301	34,325
Pacific.....	12,822	1,416	Washington.....	16,925	18,791	East South Central.....	20,444	23,062
California.....	12,822	1,416	California.....	18,423	12,019	Tennessee.....	9,087	10,946

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
OFFICE SUPPLIES (FILING ACCESSORIES) AND MISCELLANEOUS PRODUCTS (26451)			BITUMINOUS FIBER PIPE, SEWER, AND DRAINAGE, AND CONDUIT, INC. FITTINGS—MOLDED PULP (26461)			STATIONERY, TABLETS, AND RELATED PRODUCTS (26491)—Continued		
United States, total....	297,803	207,938	United States, total....	22,962		West North Central.....	17,476	16,647
New England.....	12,704	6,775	East North Central.....	5,295		South Atlantic.....	21,688	14,871
Massachusetts.....	10,766	6,220	All other divisions.....	17,667		Georgia.....	14,610	10,337
Middle Atlantic.....	93,201	79,111	OTHER PRESSED AND MOLDED PULP GOODS (26462)	1963 ¹	1958	East South Central.....	12,020	8,703
New York.....	58,424	67,914	United States, total....	89,070	50,926	West South Central.....	7,809	4,577
New Jersey.....	25,026	7,915	Northeast.....	42,055	31,502	West.....	17,707	6,358
Pennsylvania.....	9,751	3,282	Pennsylvania.....	13,339	(²)	California.....	8,800	1,943
East North Central.....	104,391	61,928	North Central.....	25,900	16,646	WRAPPING PRODUCTS (GIFT WRAP, ETC.) (26492)		
Ohio.....	15,230	5,044	Michigan.....	1,728	(²)	United States, total....	88,233	87,219
Illinois.....	19,897	12,224	Wisconsin.....	2,032	(²)	New England.....	14,505	15,743
Michigan.....	36,935	21,255	South and West.....	21,115	2,778	Middle Atlantic.....	13,249	30,583
West North Central.....	17,364	14,168	California.....	19,403	(²)	New York.....	5,376	11,542
Minnesota.....	6,684	6,995	SANITARY NAPKINS AND TAMPONS (26471)	1963 ¹		North Central.....	39,448	32,580
Missouri.....	6,726	3,615	United States, total....	142,016		Illinois.....	8,938	7,885
South Atlantic.....	27,895	(²)	Northeast.....	66,134		Wisconsin.....	19,269	14,980
Maryland.....	4,431	(²)	North Central, South, and West.....	75,882		South.....	14,674	3,613
Virginia.....	3,696	1,635	SANITARY TISSUE HEALTH PRODUCTS (26472)	1963 ¹	1958	West.....	6,357	(²)
Georgia.....	2,201	(²)	United States, total....	783,362	573,240	California.....	4,637	4,546
Florida.....	1,447	(²)	New England.....	104,654	56,494	OTHER CONVERTED PAPER AND BOARD PRODUCTS (26495)		
East South Central.....	1,543	(²)	New Hampshire.....	15,557	12,866	United States, total....	270,069	226,765
West South Central.....	11,841	(²)	Massachusetts.....	16,088	11,469	New England.....	33,212	30,067
Texas.....	10,212	(²)	Middle Atlantic.....	235,118	197,219	New Hampshire.....	2,243	(²)
West.....	28,864	17,796	New York.....	105,470	90,170	Massachusetts.....	29,858	16,817
Washington.....	2,009	(²)	North Central.....	240,311	182,504	Middle Atlantic.....	79,678	71,104
California.....	25,741	16,574	Indiana.....	3,592	(²)	New York.....	32,958	36,612
PASTED, LINED, LAMINATED, OR SURFACE COATED PAPERBOARD (26452)			Wisconsin.....	212,089	162,655	New Jersey.....	15,747	14,863
United States, total....	73,108	56,949	South.....	76,680	137,023	Pennsylvania.....	30,973	19,629
New England.....	6,308	5,468	West.....	126,599		East North Central.....	99,581	91,589
Massachusetts.....	2,697	4,304	STATIONERY, TABLETS, AND RELATED PRODUCTS (26491)			Ohio.....	32,494	26,005
Middle Atlantic.....	21,173	22,443	United States, total....	202,073	151,182	Indiana.....	12,474	6,710
New York.....	8,680	5,177	New England.....	30,546	25,348	Illinois.....	18,902	24,951
New Jersey.....	6,611	12,645	Massachusetts.....	28,521	25,223	Michigan.....	26,074	26,532
Pennsylvania.....	5,882	(²)	Middle Atlantic.....	50,664	42,471	Wisconsin.....	9,637	7,391
North Central.....	26,180	(²)	New York.....	14,341	18,252	West North Central.....	10,159	5,230
Indiana.....	1,361	(²)	New Jersey.....	13,838	6,573	Missouri.....	8,947	4,958
Illinois.....	6,898	3,026	Pennsylvania.....	22,485	17,646	South.....	27,250	11,882
Michigan.....	8,827	8,068	East North Central.....	44,163	32,207	Maryland.....	1,968	(²)
South Atlantic.....	12,810		Ohio.....	3,559	2,245	North Carolina.....	4,628	1,973
North Carolina.....	3,130	8,041	Indiana.....	7,311	2,615	Georgia.....	1,252	1,131
West South Central.....	2,047		Illinois.....	17,555	18,919	Texas.....	7,095	2,249
Pacific.....	4,590		Michigan.....	8,963	(²)	Pacific.....	20,189	16,893
			Wisconsin.....	6,775	3,405	California.....	18,346	15,841

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 26411, Maine, Rhode Island, New Jersey, Ohio, Wisconsin, Minnesota, Missouri, Virginia, and Mississippi; 26412, New Hampshire, Vermont, Massachusetts, Indiana, Illinois, Minnesota, Iowa, Missouri, North Carolina, Georgia, Florida, Alabama, Texas, Oregon, and California; 26413, New Hampshire, Massachusetts, Illinois, Delaware, Georgia, Florida, Oregon, and California; 26414, Massachusetts, Rhode Island, New Jersey, Pennsylvania, Indiana, Michigan, Wisconsin, Minnesota, North Carolina, and Kentucky; 26415, Michigan, Wisconsin, North Carolina, Arkansas, Texas, Washington, Oregon, and California; 26416, New Hampshire, Vermont, Rhode Island, Indiana, Illinois, Missouri, Georgia, Florida, Alabama, Arkansas, Louisiana, Washington, and California; 26431, Massachusetts, New Jersey, Pennsylvania, Ohio, Indiana, Wisconsin, Missouri, Kansas, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Arkansas, Texas, and Oregon; 26432, Connecticut, Minnesota, Iowa, Virginia, South Carolina, Kentucky, Tennessee, Alabama, Arkansas, and Oregon; 26433, Maine, Massachusetts, New York, New Jersey, Indiana, Illinois, Iowa, Nebraska, West Virginia, Florida, Alabama, Mississippi, Arkansas, Texas, Utah, and Washington; 26451, Rhode Island, Indiana, Wisconsin, Iowa, Nebraska, Kansas, District of Columbia, North Carolina, South Carolina, Alabama, and Arkansas; 26452, New Hampshire, Rhode Island, Ohio, Wisconsin, Virginia, Florida, Texas, and California; 26461, New Hampshire, New York, New Jersey, Ohio, Wisconsin, Alabama, Texas, Oregon, and California; 26462, Maine, Massachusetts, New York, Ohio, Indiana, Illinois, and Washington; 26471, Vermont, Massachusetts, New York, New Jersey, Pennsylvania, Illinois, Wisconsin, Tennessee, Washington, and California; 26472, Maine, Vermont, Connecticut, New Jersey, Pennsylvania, Illinois, Michigan, Florida, Tennessee, Alabama, Mississippi, Washington, Oregon, and California; 26491, Connecticut, Missouri, Maryland, Virginia, Florida, Tennessee, Alabama, Texas, Colorado, Washington, and Oregon; 26492, Vermont, Massachusetts, Pennsylvania, Ohio, Missouri, Tennessee, Arkansas, Louisiana, Texas, and Oregon; 26495, Florida, Kentucky, Louisiana, and Oregon.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2641.—PAPER COATING AND GLAZING			
	Materials and supplies, total.....		(X)	677,435	(X)	475,615
262105	Paper:					
	Owned paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	543,959	142,004	¹ 520,230	¹ 140,031
262106	Purchased (market) paper.....	..do.....	548,471	148,145	¹ 469,777	¹ 126,077
263102	Paperboard:					
	Owned paperboard, produced at this location or at affiliated or associated mills.....	..do.....	53,962	7,961	12,375	2,879
263103	Purchased (market) paperboard.....	..do.....	371,119	73,920	41,196	8,253
289111	Glues and adhesives.....	1,000 lbs.....	178,056	21,511	(NA)	(NA)
289118	Sizes.....	..do.....	29,389	1,711	(NA)	(NA)
282130	Thermoplastic resins including modified resins. (Report resin content of vinyls dry basis for cellulose, polyethylenes, polypropylenes, styrenes, etc. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes)...	..do.....	142,341	26,535	(NA)	(NA)
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc. Report on dry basis. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes).....	..do.....	15,171	4,020	(NA)	(NA)
289301	Printing ink (incomplete formulations).....	..do.....	18,949	10,354	(NA)	(NA)
291106	Petroleum wax.....	..do.....	171,389	15,264	(NA)	(NA)
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	..do.....	26,163	13,545	52,328	37,468
307916	Unsupported plastics film, sheets, and sheeting (except cellulosic).....	..do.....	762,416	21,866		
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	190,599	(X)	160,907
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES					
	Paper, total.....	Short tons.....	1,092,430	290,149	¹ 891,551	¹ 245,250
411	Newsprint.....	..do.....	(D)	(D)	9,500	1,710
412	Groundwood (uncoated).....	..do.....	89,595	19,038	32,686	6,652
413	Paper-machine-coated.....	..do.....	188,242	60,752	96,766	34,495
414	Book (uncoated).....	..do.....	156,404	31,647	157,501	35,638
415	Fine.....	..do.....	70,396	21,091	47,822	18,132
416	Coarse.....	..do.....	448,943	118,953	441,746	118,382
417	Special industrial.....	..do.....	68,909	23,068	91,389	26,180
418	Sanitary tissue stock.....	..do.....	(D)	(D)	14,141	4,061
419	Tissue paper except sanitary and thin.....	..do.....	61,163	14,057	-	-
	Paperboard, total.....	..do.....	425,081	81,881	53,571	11,132
431	Container board.....	..do.....	50,723	10,247	3,934	1,032
432	Folding boxboard, except special food board.....	..do.....	70,343	10,923	28,753	5,636
433	Set-up boxboard.....	..do.....	(D)	(D)	1,800	228
434	Special paperboard and cardboard.....	..do.....	77,391	17,750	19,084	4,236
435	Special food board.....	..do.....	221,561	42,152	-	-
			INDUSTRY 2642.—ENVELOPES			
	Materials and supplies, total.....		(X)	154,813	(X)	115,889
262105	Paper:					
	Own produced at this location.....	Short tons.....	35,507	9,282	18,132	5,783
262106	Purchased (market) paper.....	..do.....	² 419,987	² 104,389	321,902	84,504
263103	Paperboard:					
	Purchased (market) paperboard.....	..do.....	(X)	(X)	¹ 20,072	¹ 23,039
289111	Glues and adhesives.....	..do.....	29,877	5,828	(NA)	(NA)
291106	Petroleum wax.....	1,000 lbs.....	-	-	145	18
307911	Unsupported plastic film (excluding packaged).....	..do.....	³ 9,896	³ 5,748	3,721	2,238
970099	All other materials, etc.....	..do.....	(X)	⁴ 29,566	(X)	20,307
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES					
	Paper, total.....	Short tons.....	454,503	113,559	(NA)	(NA)
412	Groundwood (uncoated).....	..do.....	233	62	⁵ 1,871	⁵ 596
413	Paper-machine-coated.....	..do.....	(X)	(X)	1,684	
414	Book (uncoated).....	..do.....	71,402	16,763	(D)	(D)
415	Fine.....	..do.....	253,768	64,537	107,099	29,108
416	Coarse.....	..do.....	129,100	32,197	99,402	30,675
417	Special industrial.....	..do.....	(X)	(X)	109,549	29,036
418	Sanitary tissue stock.....	..do.....	(X)	(X)	3,917	1,129
419	Tissue paper, except sanitary and thin.....	..do.....	(X)	(X)	(D)	(D)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES--Continued		INDUSTRY 2642.—ENVELOPES--Continued			
	Paperboard, total.....	Short tons.....	(X)	(X)	12,673	1,565
432	Folding boxboard.....	..do.....	(X)	(X)	1,655	313
433	Set-up boxboard.....	..do.....	(X)	(X)	5,213	560
434	Special paperboard and cardboard.....	..do.....	(X)	(X)	3,194	330
435	Special food board.....	..do.....	(X)	(X)	2,611	362
			INDUSTRY 2643.—BAGS, EXCEPT TEXTILE BAGS			
	Materials and supplies, total.....	.....	(X)	635,811	(X)	561,097
	Paper:					
262105	Owned paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	1,235,782	181,123	1,191,886	205,395
262106	Purchased (market) paper.....	..do.....	1,210,299	211,878	872,149	171,388
	Paperboard:					
263102	Owned paperboard, produced at this location or at other affiliated or associated mills.....	..do.....	14,736	1,644	27,903	3,376
263103	Purchased (market) paperboard.....	..do.....	11,508	1,728	9,045	1,530
289111	Glues and adhesives.....	1,000 lbs.....	95,586	11,071	(NA)	(NA)
289118	Sizings.....	..do.....	92	33	(NA)	(NA)
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for cellulose, polyethylenes, polypropylenes, styrenes, etc. Include granules, pellets, powder, liquid etc., and exclude sheets, rods, tubes, and other shapes).	..do.....	186,110	34,625	(NA)	(NA)
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc.. Report on dry basis. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes).....	..do.....	393	332	(NA)	(NA)
289301	Printing ink (complete formulations).....	..do.....	25,694	16,913	(NA)	(NA)
291106	Petroleum wax.....	..do.....	853,371	1,689	11,582	1,105
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	..do.....	51,277	25,795	131,653	71,281
307916	Unsupported plastics film, sheets, and sheeting (except cellulosic).....	..do.....	195,389	38,256		
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	110,724	(X)	107,022
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES					
	Paper, total.....	Short tons.....	2,446,081	393,001	1,939,170	1356,382
411	Newsprint.....	..do.....	-	-	50,708	8,888
412	Groundwood.....	..do.....	12,419	1,673		
413	Paper-machine-coated.....	..do.....	14,270	4,756	93,928	19,545
414	Book (uncoated).....	.....	(D)	(D)	-	-
415	Fine.....	Short tons.....	1,648	471	4,569	1,246
416	Coarse.....	..do.....	2,385,694	377,840	1,614,433	295,911
417	Special industrial.....	..do.....	12,101	3,218	145,550	24,500
418	Sanitary tissue stock.....	.....	(D)	(D)	(D)	(D)
419	Tissue, except sanitary and thin.....	Short tons.....	195	151	(D)	(D)
	Board, total.....	..do.....	26,244	3,342	36,948	4,906
431	Container board.....	..do.....	16,246	2,048	28,549	3,724
432	Folding boxboard.....	..do.....	5,710	843	6,190	910
433	Set-up boxboard.....	..do.....	943	113	1,437	190
434	Special paperboard and cardboard.....	..do.....	3,345	368	772	82
			INDUSTRY 2644.—WALLPAPER			
	Materials and supplies, total.....	.....	(X)	13,746	(X)	16,370
	Paper:					
262105	Own paper, produced at this location or at affiliated or associated mills.....	Short tons.....	7,036	2,078	45,632	9,626
262106	Purchased (market) paper.....	..do.....	30,457	6,132		
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	.....	-	-	-	-
263103	Purchased (market) paperboard.....	.....	(D)	(D)		
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	65,536	(X)	6,744

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES		INDUSTRY 2644.—WALLPAPER--Continued			
	Paper, total.....	Short tons.....	37,493	8,210	45,632	9,626
411	Newsprint.....	.....	(X)	(X)	(D)	(D)
412	Groundwood (uncoated).....	Short tons.....	35,214	7,402	41,955	8,861
413	Paper-machine-coated.....	..do.....	(X)	(X)	1,748	568
414	Book (uncoated).....	..do.....	(X)	(X)	(D)	(D)
415	Fine.....	..do.....	1,788	668	(D)	(D)
416	Coarse.....	.....	(D)	(D)	(X)	(X)
417	Special industrial.....	.....	(D)	(D)	(D)	(D)
	Paperboard, total.....	.....	(D)	(7)	(X)	(X)
434	Special paperboard and cardboard.....	.....	(D)	(D)	(X)	(X)
			INDUSTRY 2645.—DIE CUT PAPER AND BOARD			
	Materials and supplies, total.....	.....	(X)	186,997	(X)	123,253
	Paper:					
262105	Own paper produced at this location or at other affiliated or associated mills.....	Short tons.....	37,666	7,028	} 231,865	61,415
262106	Purchased (market) paper.....	..do.....	288,116	66,880		
	Paperboard:					
263102	Owned paperboard, produced at this location or at other affiliated or associated mills.....	..do.....	80,729	7,565	76,237	11,106
263103	Purchased (market) paperboard.....	..do.....	311,023	61,136	124,387	20,051
261101	Wood pulp, total (used in making pressed and molded pulp products)...	..do.....	3,908	704	(NA)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	43,684	(X)	30,681
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES					
	Paper, total.....	Short tons.....	8325,782	873,908	(NA)	(NA)
411	Newsprint.....	..do.....	(X)	(X)	(D)	(D)
412	Groundwood (uncoated).....	..do.....	2,932	443	2,261	358
413	Paper-machine-coated.....	..do.....	(X)	(X)	5,510	1,791
414	Book (uncoated).....	..do.....	(X)	(X)	862	245
415	Fine.....	..do.....	42,352	10,717	30,203	8,910
416	Coarse.....	..do.....	30,298	4,804	21,547	3,974
417	Special industrial.....	..do.....	236,843	54,765	168,607	45,524
419	Tissue paper, except sanitary and thin.....	.....	(X)	(X)	(D)	(D)
	Paperboard, total.....	Short tons.....	391,752	68,701	200,624	31,157
432	Folding boxboard, except special food board.....	..do.....	102,247	16,832	51,368	7,642
434	Special paperboard and cardboard.....	..do.....	193,134	30,915	100,980	13,990
435	Special food board.....	..do.....	66,598	15,389	33,375	6,993
436	All other paperboard not reported above.....	..do.....	29,773	5,565	14,901	2,532
			INDUSTRY 2646.—PRESSED AND MOLDED PULP GOODS			
	Materials and supplies, total.....	.....	(X)	34,007	(X)	(NA)
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	-	-	} (7)	(7)
262106	Purchased (market) paper.....	.....	664	210		
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	..do.....	4,630	536	} 3,879	446
263103	Purchased (market) paperboard.....	..do.....	7,043	1,305		
261101	Wood pulp, total (used in making pressed and molded pulp products)...	..do.....	137,504	8,746	(NA)	4,877
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	23,210	(X)	20,366

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2647.—SANITARY PAPER PRODUCTS			
	Materials and supplies, total.....		(X)	599,957	(⁹)	(⁹)
	Paper:					
262105	Own paper.....	Short tons.....	2,168,119	423,968	(⁹)	(⁹)
262106	Purchased (market) paper.....	..do.....	120,559	29,610	(⁹)	(⁹)
	Paperboard:					
263102	Own paperboard.....	..do.....	853	140	(⁹)	(⁹)
263103	Purchased (market) paperboard.....	..do.....	49,412	9,920	(⁹)	(⁹)
291106	Petroleum wax.....	1,000 lbs.....	10,470	900	(⁹)	(⁹)
307916	Plastic sheet and film.....	..do.....	5,066	3,119	(⁹)	(⁹)
970099	All other, etc.....	.....	(X)	132,300	(⁹)	(⁹)
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES					
	Paper, total.....	Short tons.....	2,288,678	453,578	(⁹)	(⁹)
411	Newsprint.....	..do.....	(D)	(D)	(⁹)	(⁹)
412	Groundwood (uncoated).....	..do.....	4,304	646	(⁹)	(⁹)
413	Paper-machine-coated.....	..do.....	640	352	(⁹)	(⁹)
414	Book (uncoated).....	..do.....	2,326	585	(⁹)	(⁹)
415	Fine.....	..do.....	(D)	(D)	(⁹)	(⁹)
416	Coarse.....	..do.....	111,807	18,947	(⁹)	(⁹)
417	Special industrial.....	..do.....	43,029	7,076	(⁹)	(⁹)
418	Sanitary tissue stock.....	..do.....	2,090,094	417,137	(⁹)	(⁹)
419	Tissue, except sanitary and thin.....	..do.....	35,438	8,460	(⁹)	(⁹)
	Paperboard, total.....	..do.....	50,265	10,060	(⁹)	(⁹)
432	Folding boxboard.....	..do.....	4,224	1,165	(⁹)	(⁹)
434	Special paperboard and cardboard.....	..do.....	10,550	1,371	(⁹)	(⁹)
436	All other paperboard.....	..do.....	35,491	7,524	(⁹)	(⁹)
			INDUSTRY 2649.—CONVERTED PAPER PRODUCTS, N.E.C.			
	Materials and supplies, total.....		(X)	253,285	(⁹)	(⁹)
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	34,054	9,897	(⁹)	(⁹)
262106	Purchased (market) paper.....	..do.....	486,831	117,054	(⁹)	(⁹)
	Paperboard:					
263102	Own paperboard, produced at this location or at affiliated or associated mills.....	..do.....	60,754	7,603	(⁹)	(⁹)
263103	Purchased (market) paperboard.....	..do.....	78,073	13,207	(⁹)	(⁹)
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....		(X)	(X)	(⁹)	(⁹)
289111	Glues and adhesives.....	1,000 lbs.....	13,136	2,368	(⁹)	(⁹)
289118	Sizes.....	..do.....	208	54	(⁹)	(⁹)
282130	Thermoplastic resins including modified resins (including resin content of vinyls and dry basis for cellulose, polyethylenes, polypropylenes, styrenes, etc. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes).....	..do.....	897	269	(⁹)	(⁹)
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc. Report on dry basis. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes).....	..do.....	5,537	1,240	(⁹)	(⁹)
289301	Printing ink (complete formulations).....	..do.....	6,651	4,473	(⁹)	(⁹)
291106	Petroleum wax.....	..do.....	1,259	114	(⁹)	(⁹)
282103	Cellulosic plastics, sheet, and rolls, and cellophane.....	..do.....	5,190	1,969	(⁹)	(⁹)
307916	Unsupported plastics film sheets, and sheeting (except cellulosic).....	..do.....	2,773	2,021	(⁹)	(⁹)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	93,016	(⁹)	(⁹)
	CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES					
	Paper, total.....	Short tons.....	520,885	126,951	(⁹)	(⁹)
411	Newsprint.....	..do.....	28,573	3,688	(⁹)	(⁹)
412	Groundwood (uncoated).....	..do.....	58,936	12,244	(⁹)	(⁹)
413	Paper-machine-coated.....	..do.....	29,503	8,899	(⁹)	(⁹)
414	Book (uncoated).....	..do.....	161,549	36,493	(⁹)	(⁹)
415	Fine.....	..do.....	146,756	40,201	(⁹)	(⁹)
416	Coarse.....	..do.....	49,827	12,396	(⁹)	(⁹)
417	Special industrial.....	..do.....	20,806	6,182	(⁹)	(⁹)
418	Sanitary tissue stock.....	..do.....	5,598	1,540	(⁹)	(⁹)
419	Tissue paper.....	..do.....	19,337	5,308	(⁹)	(⁹)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES--Con.			INDUSTRY 2649.—CONVERTED PAPER PRODUCTS, N.E.C.--Con.			
	Paperboard, toal.....	Short tons.....	138,827	20,810	(9)	(9)
431	Container board.....	..do.....	12,206	1,989	(9)	(9)
432	Folding boxboard.....	..do.....	7,519	2,065	(9)	(9)
433	Set-up boxboard.....	..do.....	8,971	1,384	(9)	(9)
434	Special paperboard and cardboard.....	..do.....	110,131	15,372	(9)	(9)
			INDUSTRIES 2647.—SANITARY PAPER PRODUCTS, 2649.—CONVERTED PAPER PRODUCTS, N.E.C.			
	Materials and supplies, total.....	.....	(X)	853,242	(X)	731,118
	Paper:					
262105	Own paper.....	Short tons.....	2,202,173	433,865	1,677,404	359,838
262106	Purchased (market) paper.....	..do.....	607,390	146,664	549,720	139,931
	Paperboard:					
263102	Own paperboard.....	..do.....	61,607	7,743	4,302	746
263103	Purchased (market) paperboard.....	..do.....	127,485	23,127	107,961	18,408
261195	Wood pulp, total (used in making pressed and molded pulp products and cellulose wadding).....	..do.....	(X)	(X)	20,346	2,866
289111	Glues and adhesives.....	1,000 lbs.....	13,136	2,368	-	-
289118	Sizes.....	..do.....	208	54	-	-
282130	Thermoplastic resins including modified resins. (Report resin content of vinyls and dry basis for cellulose, polyethylenes, polypropylenes, styrenes, etc. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes)...	..do.....	897	269	-	-
282140	Thermosetting resins (melamines, phenolics, polyesters, ureas, etc. Report on dry basis. Include granules, pellets, powder, liquid, etc., and exclude sheets, rods, tubes, and other shapes).....	..do.....	5,537	1,240	-	-
289301	Printing ink (complete formulations).....	..do.....	6,651	4,473	-	-
291106	Petroleum wax.....	..do.....	11,729	1,014	14,502	1,620
282103	Cellulosic plastics, sheet and rolls, and cellophane.....	..do.....	5,190	1,969	7,443	4,251
307916	Unsupported plastics, film, sheets, and sheeting (except cellulosic).....	..do.....	7,839	5,140		
970099	All other materials and components, parts, and supplies consumed...	.....	(X)	225,316	(X)	203,458
CONSUMPTION OF PAPER AND BOARD BY MAJOR GRADES						
	Paper, total.....	Short tons.....	2,809,563	580,529	2,227,124	499,769
411	Newsprint.....	..do.....	28,893	3,715	50,522	6,668
412	Groundwood (uncoated).....	..do.....	63,240	12,890	36,787	8,580
413	Paper-machine-coated.....	..do.....	30,143	9,251	20,063	6,229
414	Book (uncoated).....	..do.....	163,875	37,078	127,036	32,683
415	Fine.....	..do.....	147,476	40,549	151,935	39,741
416	Coarse.....	..do.....	161,634	31,343	202,023	45,125
417	Special industrial.....	..do.....	63,835	13,258	47,212	14,414
418	Sanitary tissue stock.....	..do.....	2,095,692	418,677	1,528,809	328,902
419	Tissue, except sanitary and thin.....	..do.....	54,775	13,768	62,737	17,427
	Paperboard, total.....	..do.....	189,092	30,870	112,263	19,154
431	Container board.....	..do.....	12,206	1,989	19,084	3,491
432	Folding boxboard.....	..do.....	11,743	3,230	7,634	1,483
433	Set-up boxboard.....	..do.....	8,971	1,384	24,586	4,272
434	Special paperboard and cardboard.....	..do.....	120,681	16,743	60,959	9,908
436	All other paperboard.....	..do.....	35,491	7,524	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The detail shown in this table does not agree with that reported in the broader totals of "Own paper on hand" and "Purchased paper or board." This difference is largely accounted for by the smaller manufacturers who were not able to report their paper consumption by grade.

²Includes an insignificant amount of "own paperboard" in order to avoid individual company operations.

³Includes an insignificant amount of "cellulosic sheets and rolls" combined here to avoid disclosing figures for individual companies.

⁴Includes insignificant amounts of "thermoplastic resins", "thermosetting resins", and "printing inks, complete formulations" in order to avoid disclosing figures for individual companies.

⁵In 1958 these figures were erroneously reported as newsprint. There is an insignificant amount of newsprint included here to avoid disclosing figures for individual companies.

⁶Includes an insignificant amount of "purchased (market) paperboard" combined here to avoid disclosing figures for individual companies.

⁷Less than \$100 thousand.

⁸Data were not requested for these items, however, some respondents reported consumption of the following types of paper: newsprint; paper-machine coated paper; and book paper, uncoated. Total tonnage reported for these grades amounted to 13,357 short tons with an associated cost of \$3,449 thousand.

⁹Due to the 1963 revision in the Standard Industrial Classification, no 1958 comparable data is available for this industry. Industry 2647, Sanitary Paper Products, was broken out of industry 2649, Converted Paper Products, N.E.C. See the combined industries' presentation in this table.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Paper coating and glazing (SIC 2641)	Envelopes (SIC 2642)	Bags, except textile bags (SIC 2643)	Wallpaper (SIC 2644)	Die cut paper and board (SIC 2645)	Pressed and molded pulp goods (SIC 2646)	Sanitary paper products and converted paper products, n.e.c. (SIC 2647 and 2649)
Total cost of purchased fuels and electric energy.....\$1,000..	13,620	3,313	5,866	222	2,865	5,556	8,888
Total cost of purchased fuels.....do....	8,375	873	1,977	135	1,202	2,836	4,300
Bituminous coal, lignite, and anthracite:							
Quantity.....1,000 short tons..	384	(S)	19	(S)	21	65	54
Cost.....\$1,000..	3,202	(S)	118	(S)	189	664	512
Coke and breeze:							
Quantity.....1,000 short tons..	2	-	(S)	-	-	-	-
Cost.....\$1,000..	71	-	(S)	-	-	-	-
Fuel oil (distillate and residual):							
Quantity.....1,000 barrels of 42 gallons..	437	60	202	(S)	93	313	612
Cost.....\$1,000..	1,354	236	688	(S)	280	1,165	1,715
Gas (natural, manufactured, still, blast furnace, and coke oven):							
Quantity.....million cu.ft..	9,319	713	1,357	(S)	(S)	(S)	3,535
Cost.....\$1,000..	2,746	520	708	(S)	(S)	(S)	1,522
Other fuels.....do....	1,002	83	452	(S)	279	88	551
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	444	141	283	4	104	235	373
Cost.....\$1,000..	5,245	2,440	3,889	87	1,663	2,720	4,588
Generated less sold.....million kw.-hrs..	766	-	30	-	(S)	(S)	20
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	366	57	161	-	64	77	249
Prime movers, total.....do....	185	(Z)	18	-	15	10	46
Driving generators.....do....	173	(Z)	8	-	13	5	31
Not driving generators.....do....	12	(Z)	10	-	2	5	15
Electric motors, total.....do....	464	57	153	-	50	69	246
Driven by purchased energy.....do....	181	57	143	-	48	67	203
Driven by energy generated at establishment.....do....	284	-	10	-	1	2	43
Aggregate horsepower per 100 production workers.....	1,643	377	491	-	592	2,406	626

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Appendix A for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2641	PAPER COATING AND GLAZING										
	Entire industry.....	387	31,983	200,794	23,262	49,931	130,287	457,367	709,870	1,161,604	45,602
	Establishments with—										
	90% or more specialization..	291	15,419	95,942	11,586	24,903	64,369	191,035	383,830	573,443	13,942
	75-89% specialization.....	34	5,946	39,419	3,994	8,547	22,897	112,306	118,248	228,916	8,371
26411	Off-machine coated paper for printing (primary product class of estab.).....	22	3,649	25,851	3,042	7,123	20,584	38,501	88,865	125,787	5,413
	Establishments with—										
	90% or more specialization....	17	3,366	24,241	2,824	6,650	19,446	35,887	84,215	118,648	4,402
26412	Oiled, waxed and wax laminated paper (primary product class of estab.).....	51	7,540	47,058	5,255	10,870	29,275	88,999	180,940	268,855	6,285
	Establishments with—										
	90% or more specialization....	28	1,704	10,379	1,288	2,639	6,921	25,511	40,682	66,731	788
	75-89% specialization.....	4	534	3,054	438	969	2,376	9,288	16,020	25,257	208
26413	Gummed products (primary product class of estab.).....	54	3,618	20,919	2,568	5,701	13,586	45,992	66,125	111,534	2,592
	Establishments with—										
	90% or more specialization....	39	1,236	7,865	927	2,025	4,906	15,661	26,912	42,835	556
	75-89% specialization.....	3	202	1,279	133	302	685	2,453	3,793	6,137	37
26414	Pressure sensitive tape (primary product class of estab.).....	60	7,906	47,115	5,283	10,671	25,894	154,940	131,275	285,481	6,445
	Establishments with—										
	90% or more specialization....	45	3,118	17,988	2,086	4,148	9,291	36,326	36,659	72,804	1,850
26415	Fine paper, including thin paper (primary product class of estab.).....	31	2,378	14,861	1,791	3,957	9,506	30,688	54,052	84,068	3,028
	Establishments with—										
	90% or more specialization....	17	829	4,786	585	1,286	2,987	12,198	18,800	30,785	590
	75-89% specialization.....	6	183	1,047	140	295	698	2,125	5,166	7,333	157
26416	Coarse paper (primary product class of estab.).....	95	4,884	30,397	3,673	7,716	19,999	75,316	163,834	238,491	6,312
	Establishments with—										
	90% or more specialization....	76	2,207	12,890	1,786	3,775	9,246	35,654	102,848	138,200	3,018
	75-89% specialization.....	9	1,119	7,662	776	1,726	4,320	14,785	26,387	41,101	2,307
2643	BAGS, EXCEPT TEXTILE BAGS										
	Entire industry.....	586	42,343	219,137	34,307	69,132	156,692	369,685	689,849	1,061,715	26,671
	Establishments with—										
	90% or more specialization..	467	25,952	127,744	21,749	43,258	94,990	214,649	419,941	635,696	16,772
	75-89% specialization.....	43	5,024	26,701	3,931	8,025	18,952	54,260	82,788	136,945	2,546
26431	Grocers' and variety bags, paper and wardrobe, shopping and other bags (primary product class of estab.).....	63	13,099	68,444	11,131	22,059	51,685	83,306	246,110	330,569	4,835
	Establishments with—										
	90% or more specialization....	31	4,954	24,064	4,412	8,719	19,304	27,928	103,053	130,878	1,955
	75-89% specialization.....	10	1,495	8,375	1,307	2,721	6,798	9,987	29,038	39,320	891
26432	Specialty bags and liners (primary product class of estab.).....	341	16,257	90,017	12,173	25,180	57,775	179,646	243,615	424,086	14,925
	Establishments with—										
	90% or more specialization....	260	6,173	30,239	4,929	9,862	20,780	63,266	91,970	155,424	6,344
	75-89% specialization.....	29	2,614	14,580	1,832	3,719	8,802	36,819	40,801	77,430	2,507
26433	Shipping sacks and multiwall bags (primary product class of estab.).....	77	11,712	56,201	9,928	19,820	43,935	97,871	188,154	286,364	5,981
	Establishments with—										
	90% or more specialization....	54	7,720	36,839	6,579	13,160	28,971	67,175	118,456	185,813	4,857
	75-89% specialization.....	6	1,353	7,228	1,160	2,427	5,901	12,234	23,791	35,854	253
2644	WALLPAPER										
	Entire industry.....	79	2,194	11,866	1,650	3,265	7,867	20,907	15,602	36,548	359
	Establishments with—										
	90% or more specialization..	74	2,015	10,822	1,515	2,985	7,200	18,832	13,722	32,734	327

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2645	DIE CUT PAPER AND BOARD										
	Entire industry.....	425	15,135	83,373	11,696	23,524	57,070	183,185	200,276	378,332	7,731
	Establishments with—										
	90% or more specialization..	347	8,530	44,375	6,723	13,559	29,916	92,821	125,672	217,620	3,755
	75-89% specialization.....	23	3,704	23,735	2,784	5,699	16,899	59,440	52,874	111,885	2,505
26451	Office supplies (filing accessories) and miscellaneous products (primary product class of estab.).....	220	11,808	65,920	9,062	18,153	44,971	145,672	153,659	298,203	6,324
	Establishments with—										
	90% or more specialization....	179	6,307	32,961	4,947	10,006	22,081	66,289	90,146	155,704	2,913
	75-89% specialization.....	21	3,634	23,338	2,727	5,588	16,634	58,699	52,120	110,481	2,508
26452	Pasted, lined, laminated, or surface coated paperboard (primary product class of estab.)....	67	2,127	12,168	1,612	3,333	8,094	29,511	42,076	67,649	892
	Establishments with—										
	90% or more specialization....	51	1,012	5,547	753	1,557	3,346	13,521	22,791	36,190	365
	75-89% specialization.....	4	129	642	108	217	456	1,169	1,023	2,095	53
2646	PRESSED AND MOLDED PULP GOODS										
	Entire industry.....	59	5,720	32,862	4,522	9,697	24,207	70,006	40,772	110,135	11,558
	Establishments with—										
	90% or more specialization..	56	5,600	32,319	4,415	9,491	23,751	69,027	40,026	108,408	11,531
26461	Bituminous fibre pipe, sewer, and drainage and conduit inc. fittings molded pulp (primary product class of estab.).....	11	1,143	7,143	896	1,885	5,007	13,680	9,034	22,727	777
	Establishments with—										
	90% or more specialization....	11	1,143	7,143	896	1,885	5,007	13,680	9,034	22,727	777
26462	Other pressed and molded pulp goods (primary product class of estab.).....	41	4,558	25,623	3,611	7,780	19,123	56,165	31,680	87,190	10,740
	Establishments with—										
	90% or more specialization....	38	4,438	25,080	3,504	7,574	18,667	55,186	30,934	85,463	10,713
2647	SANITARY PAPER PRODUCTS										
	Entire industry.....	119	19,108	112,539	15,261	32,339	85,928	369,711	619,406	983,019	16,628
	Establishments with—										
	90% or more specialization..	100	14,318	85,318	11,236	24,347	64,281	303,265	475,600	774,068	12,702
26472	Sanitary tissue health products (primary product class of estab.)	111	16,305	95,519	13,437	28,572	76,275	309,654	577,973	881,653	13,870
	Establishments with—										
	90% or more specialization....	90	10,046	59,642	8,531	17,903	47,243	202,852	384,433	582,827	10,557
2649	CONVERTED PAPER PRODUCTS, N.E.C.										
	Entire industry.....	610	29,514	141,902	22,214	43,598	92,055	302,546	290,411	591,750	11,853
	Establishments with—										
	90% or more specialization..	518	16,538	82,369	12,619	25,231	52,893	171,912	182,394	353,888	6,874
	75-89% specialization.....	19	2,808	13,473	2,260	4,298	10,343	43,789	25,696	68,887	819
26491	Stationery, tablets, and related products (primary product class of estab.).....	138	10,113	49,693	7,919	15,425	33,434	89,650	108,373	196,372	3,259
	Establishments with—										
	90% or more specialization....	114	6,912	35,010	5,387	10,760	22,565	59,009	75,131	133,424	2,487
	75-89% specialization.....	9	1,103	5,473	825	1,574	3,854	11,421	13,076	24,321	279
26492	Wrapping products (gift wrap, etc.) (primary product class of estab.)	35	3,608	15,904	2,810	5,480	10,440	36,674	31,306	67,920	1,711
	Establishments with—										
	90% or more specialization....	21	538	2,870	450	925	1,958	11,341	5,969	17,400	351
26495	Other converted paper and board products (primary product class of estab.).....	197	13,535	67,178	9,627	18,958	41,388	157,371	136,157	294,012	5,183
	Establishments with—										
	90% or more specialization....	158	6,298	32,252	4,746	9,461	20,804	71,590	74,863	146,281	2,386
	75-89% specialization.....	16	2,574	12,512	1,918	3,700	8,474	43,289	20,002	63,351	1,080

n.e.c. Not elsewhere classified.

TABLE 9. Printing Activity in the Converted Paper and Board Industries, by Geographic Areas: 1963

Code	Industries	Number of establishments reporting printing activity	Number of production workers engaged	Number of printing presses operated, by type of press						
				Letterpress	Lithographic	Gravure	Flexographic	Screen	Engraving	Other
2641	Total all paper and board converting industries except containers and boxes.....	715	12,288	3,267	471	162	1,573	49	65	765
	Paper coating and glazing, total.....	94	2,370	212	13	72	174	3	-	133
	New England.....	18	222	26	1	14	24	-	-	8
	Middle Atlantic.....	22	220	17	-	20	50	-	-	20
	East North Central.....	29	1,401	100	7	30	62	1	-	103
	West North Central.....	3	97	13	-	3	6	-	-	-
	South Atlantic.....	5	90	8	-	2	8	-	-	-
	East South Central.....	1	(D)	1	-	-	-	-	-	-
	West South Central.....	3	(D)	13	3	-	13	-	-	-
2642	Pacific.....	13	210	34	2	3	11	2	-	2
	Envelopes, total.....	154	2,215	1,500	88	2	320	-	3	144
	New England.....	13	242	199	2	2	13	-	-	33
	Middle Atlantic.....	38	483	303	12	-	81	-	2	50
	East North Central.....	32	646	473	30	-	91	-	1	21
	West North Central.....	17	232	137	11	-	39	-	-	8
	South Atlantic.....	18	200	130	6	-	35	-	-	1
	East South Central.....	4	41	28	6	-	7	-	-	1
	West South Central.....	9	100	62	7	-	7	-	-	2
2643	Mountain.....	3	48	26	2	-	5	-	-	2
	Pacific.....	20	223	142	12	-	42	-	-	26
	Bags, except textile bags, total.....	219	3,301	262	82	28	973	11	13	158
	New England.....	12	111	19	11	-	50	-	-	-
	Middle Atlantic.....	44	508	45	5	5	213	7	-	48
	East North Central.....	44	634	17	2	9	139	4	4	30
	West North Central.....	18	223	24	20	1	21	-	-	21
	South Atlantic.....	27	687	90	8	2	150	-	-	12
	East South Central.....	16	343	18	21	1	145	-	2	9
2644	West South Central.....	23	401	36	7	4	160	-	-	15
	Mountain.....	1	(D)	-	-	-	-	-	7	-
	Pacific.....	34	(D)	13	8	6	95	-	-	23
	Wallpaper, total.....	13	399	-	1	2	-	29	-	38
	New England.....	1	(D)	-	-	-	-	-	-	4
	Middle Atlantic.....	7	(D)	-	1	-	-	3	-	16
	East North Central.....	5	202	-	-	2	-	26	-	18
	Die cut paper and board, total.....	91	1,795	753	143	17	8	2	2	130
	New England.....	6	113	61	8	5	-	-	-	5
2645	Middle Atlantic.....	25	220	228	37	4	2	-	-	32
	East North Central.....	25	691	205	53	5	2	2	-	34
	West North Central.....	4	(D)	12	1	-	-	-	-	3
	South Atlantic.....	11	343	66	23	3	3	-	1	40
	East South Central.....	1	(D)	-	-	-	-	-	-	1
	West South Central.....	4	168	60	4	-	-	-	-	4
	Mountain.....	1	(D)	2	-	-	-	-	-	-
	Pacific.....	14	224	119	17	-	1	-	1	11
	Pressed and molded pulp goods, total.....	8	101	5	11	-	7	2	-	15
2646	New England.....	3	45	-	-	-	5	-	-	14
	Middle Atlantic.....	2	(D)	-	-	-	-	2	-	1
	East North Central.....	2	(D)	5	8	-	2	-	-	-
	Pacific.....	1	(D)	-	3	-	-	-	-	-
	Sanitary paper products, total.....	26	365	69	28	2	21	-	2	18
	New England.....	5	105	25	1	-	3	-	-	2
	Middle Atlantic.....	4	(D)	4	-	-	4	-	-	1
	East North Central.....	10	120	25	22	-	4	-	-	6
	South Atlantic.....	1	(D)	-	-	2	-	-	2	-
2647	Pacific.....	6	115	15	5	-	10	-	-	9
	Paper and board products, n.e.c., total..	110	1,742	466	105	39	70	2	45	129
	New England.....	13	241	46	15	10	3	-	22	17
	Middle Atlantic.....	42	380	194	23	5	7	-	6	69
	East North Central.....	26	516	124	29	14	18	2	6	26
	West North Central.....	4	340	28	9	6	16	-	-	-
	South Atlantic.....	8	111	17	14	-	11	-	8	11
	East South Central.....	3	24	18	3	-	1	-	-	1
	West South Central.....	3	77	15	10	-	-	-	-	5
2649	Pacific.....	11	53	24	2	4	14	-	3	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

PAPERBOARD CONTAINERS AND BOXES

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2651—Folding Paperboard Boxes
- 2652—Set-Up Paperboard Boxes
- 2653—Corrugated and Solid Fiber Boxes
- 2654—Sanitary Food Containers
- 2655—Fiber Cans, Tubes, Drums, and Similar Products

There is a high degree of integration between industry 2631, Paperboard Mills, and the various board converting industries, except industries 2652 and 2655, which rely principally on market purchases of paperboard. In industries 2651, 2653, and 2654, a substantial part of the converted paperboard is manufactured and converted by the same company, either at the same location or at separate locations.

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2651—FOLDING PAPERBOARD BOXES

This industry comprises establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard (including interplant transfers).

In the 1957 edition of the Standard Industrial Classification Manual, old industry 2671, Paperboard Boxes, was split into three new industries, one of which is industry 2651, Folding Paperboard Boxes. Prior to 1958, "Folding Paperboard Boxes" was classified as a separate product class in old industry 2671, and no change in product content was made in revising its status to a 4-digit industry.

Value of shipments and other receipts of the Folding Paperboard Boxes Industry totaled \$1,081 million. This amount included shipments of folding paperboard boxes (primary products) valued at \$902 million, shipments of other products (secondary products) valued at \$157 million, and miscellaneous receipts (mainly resales and other miscellaneous receipts), at \$21 million.

This industry's shipments of folding paperboard boxes represented 85 percent of its total product shipments. The industry specialization ratio in 1958 was also 85 percent. Secondary products shipped by this industry in 1963 consisted mainly of corrugated shipping containers (\$58 million) and sanitary food containers (\$37 million).

Shipments of folding paperboard boxes by this industry represented 88 percent of all shipments of these products (\$1,026 million) by all industries. In 1958 the coverage ratio was 90 percent. Other industries shipping folding paperboard boxes consisted mainly of industry 2653, Corrugated Shipping Containers, \$38 million; and industry 2654, Sanitary Food Containers, \$33 million.

The production index for the primary products of the industry increased to 148 in 1963 from the 1958 level of 114. The unit value index for 1963 was 110 compared to 114 in 1958. Both indexes were computed on a basis of 1954 = 100.

2652—SET-UP PAPERBOARD BOXES

This industry comprises establishments primarily engaged in manufacturing set-up paperboard boxes from purchased paperboard (including interplant transfers).

In the 1957 edition of the Standard Industrial Classification Manual, old industry 2671, Paperboard Boxes, was split into three new industries, one of which is industry 2652, Set-Up Paperboard Boxes. Prior to 1958, "Set-Up Paperboard Boxes" was classified as a separate product class in old industry 2671, and no change in product content was made in revising its status to a 4-digit industry.

Value of shipments and other receipts of the Set-Up Paperboard Boxes Industry totaled \$226 million. This amount included shipments of set-up paperboard boxes (primary products) valued at \$201 million, shipments of other products (secondary products) valued at \$19 million, and miscellaneous receipts (mainly resales) at \$5 million.

This industry's shipments of set-up paperboard boxes represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of folding paperboard boxes (between \$5 and \$10 million) and corrugated shipping containers(\$3 million).

Shipments of set-up paperboard boxes by this industry represented 87 percent of all shipments of these products (\$232 million) by all industries. In 1958 the coverage ratio was also 87 percent. Other industries shipping set-up paperboard boxes consisted mainly of industry 2651, Folding Paperboard Boxes, \$22 million; and industry 2653, Corrugated Shipping Containers, \$3 million.

The production index for the primary products of the industry increased to 107 in 1963 from the 1958 level of 102. The unit value index for 1963 was 96 compared to 101 in 1958. Both indexes were computed on a basis of 1954 = 100.

2653—CORRUGATED AND SOLID FIBER BOXES

This industry comprises establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard or fiber stock (including interplant transfers). Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets. For a detailed list of products of industry 2653, refer to table 6A, product codes 2653010 to 2653068.

In the 1957 edition of the Standard Industrial Classification Manual, old industry 2671, Paperboard Boxes, was split into three new industries, one of which is industry 2653, Corrugated Shipping Containers. Prior to 1958, "Corrugated and Solid Fiber Boxes" was classified as a separate product class in old industry 2671. In addition, corrugated paperboard in sheets and rolls, pallets, and other packaging accessories, formerly considered primary to industry 2699, Paper and Board Products, N.E.C., are now included in this industry.

Value of shipments and other receipts of the Corrugated Shipping Containers Industry totaled \$2,166 million. This amount included shipments of corrugated shipping containers (primary products) valued at \$2,056 million, shipments of other products (secondary products) valued at \$61 million, and miscellaneous receipts (mainly of resales and other miscellaneous receipts), at \$49 million.

This industry's shipments of corrugated shipping containers represented 97 percent of its total product shipments. The industry specialization ratio in 1958 was also 97 percent. Secondary products shipped by this industry in 1963 consisted mainly of folding paperboard boxes (\$38 million) and set-up paperboard boxes (\$3 million).

Shipments of corrugated shipping containers by this industry represented 96 percent of all shipments of these products (\$2,136 million) by all industries. In 1958 the coverage ratio was 95 percent. Other industries shipping corrugated shipping containers consisted mainly of industry 2651, Folding Paperboard Boxes, \$58 million; and industry 2654, Sanitary Food Containers, \$4 million.

The production index for the primary products of the industry increased to 152 in 1963 from the 1958 level of 112. The unit value index for 1963 was 107 compared to 112 in 1958. Both indexes were computed on a basis of 1954 = 100.

2654—SANITARY FOOD CONTAINERS

This industry comprises establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; and pails for food and ice cream. For a detailed list of products of industry 2654, refer to table 6A, product codes 2654111 to 2654398.

This industry as classified under the 1957 edition of the Standard Industrial Classification Manual was changed to code number 2654 from code number 2699 used in the previous classification system but was not changed as to content. Prior to 1958, this industry was a part of industry 2699, Paper and Board Products, N.E.C.

In the 1957 edition of the Standard Industrial Classification Manual the following products were classified as primary to this industry, in addition to those composing old product class 26993, Sanitary food containers: stamped plates, dishes, spoons, forks, etc., and soda straws, except glass.

Value of shipments and other receipts of the Sanitary Food Containers Industry totaled \$906 million. This amount included shipments of sanitary food containers (primary products) valued at \$788 million, shipments of other products (secondary products) valued at \$73 million, and miscellaneous receipts (mainly resales), at \$45 million.

This industry's shipments of sanitary food containers represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was also 92 percent. Sec-

ondary products shipped by this industry in 1963 consisted mainly of folding paperboard boxes (\$33 million), and bottle caps, closures, and lids (between \$10 and \$15 million).

Shipments of sanitary food containers by this industry represented 92 percent of all shipments of these products (\$855 million) by all industries. In 1958 the coverage ratio was 93 percent. Other industries shipping sanitary food containers consisted mainly of industry 2651, Folding Paperboard Boxes, \$37 million; and industry 2653, Corrugated Shipping Containers, between \$2 and \$5 million.

The production index for the primary products of the industry increased to 158 in 1963 from the 1958 level of 123. The unit value index for 1963 was 111 compared to 107 in 1958. Both indexes were computed on a basis of 1954 = 100.

2655—FIBER CANS, TUBES, DRUMS, AND SIMILAR PRODUCTS

This industry comprises establishments primarily engaged in manufacturing fiber cans, cones, drums, and similar products with or without metal ends, from purchased materials (including interplant transfers); and vulcanized fiber boxes. For a detailed list of products of industry 2655, refer to table 6A, product codes 2655151 to 2655298.

This industry as classified under the 1957 edition of the Standard Industrial Classification Manual was changed to code number 2655 from code number 2674 used in the previous classification system but was only slightly changed as to content in comparison with data classified by the previous system. Vulcanized fiber boxes, formerly classified in industry 2671, Paperboard Boxes, are now included in this industry.

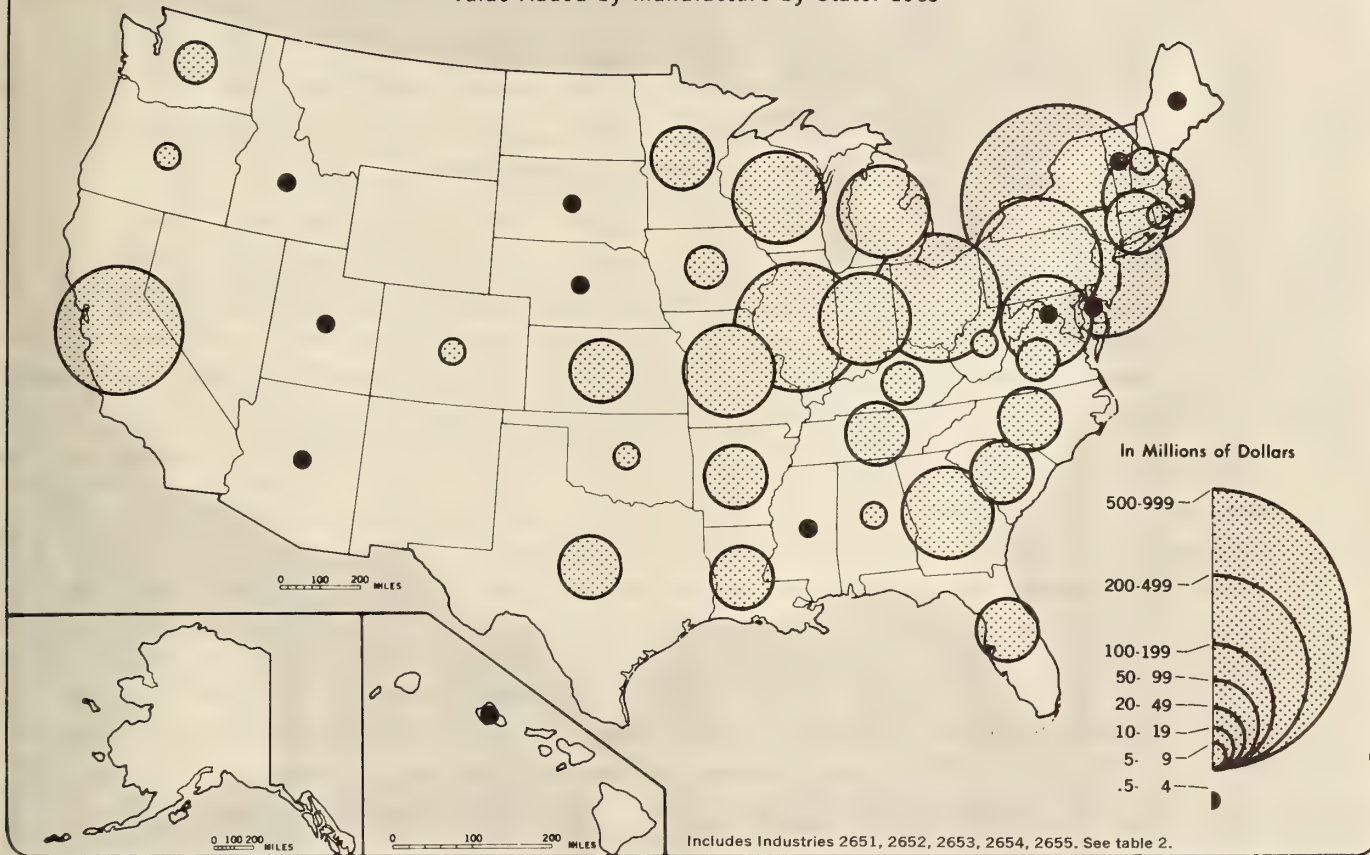
Value of shipments and other receipts of the Fiber Cans, Tubes, Drums, Etc., Industry totaled \$260 million. This amount included shipments of fiber cans, tubes, drums, etc. (primary products) valued at \$243 million, shipments of other products (secondary products) valued at \$13 million, and miscellaneous receipts, at \$4 million.

This industry's shipments of fiber cans, tubes, drums, etc., represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 98 percent. No significant volume of secondary products was shipped by this industry in 1963.

Shipments of fiber cans, tubes, drums, etc., by this industry represented 80 percent of all shipments of these products (\$302 million) by all industries. In 1958 the coverage ratio was 83 percent. Other industries shipping fiber cans, tubes, drums, etc., consisted mainly of industry 3411, Metal Cans, and industry 3079, Plastics Products, N.E.C.

The production index for the primary products of the industry increased to 171 in 1963 from the 1958 level of 107. The unit value index for 1963 was 105 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

PAPERBOARD CONTAINERS AND BOXES: SIC 265 Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

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TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
INDUSTRY 2651.—FOLDING PAPERBOARD BOXES														
1963*	534	636	418	51,291	288,841	41,451	85,550	206,654	476,866	605,672	1,081,147	36,008	85	88
1962 ¹	(NA)	(NA)	(NA)	45,410	245,881	36,835	75,161	177,087	424,337	531,458	944,519	33,043	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	45,746	237,493	37,031	75,770	171,281	411,832	519,722	924,510	21,572	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	46,406	234,870	37,533	77,103	169,890	396,361	523,493	916,134	23,647	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	46,291	229,303	37,396	79,090	165,371	395,902	520,757	908,098	25,443	(NA)	(NA)
1958	454	514	341	46,389	221,989	37,386	77,463	159,445	391,031	501,209	887,209	34,081	85	90
INDUSTRY 2652.—SET-UP PAPERBOARD BOXES														
1963	474	503	317	20,459	82,229	17,659	34,523	61,534	131,688	95,475	225,794	5,049	91	87
1962 ¹	(NA)	(NA)	(NA)	20,359	81,368	17,369	34,844	61,134	128,868	98,062	226,048	(4,691)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	20,463	79,370	17,093	34,479	58,527	127,659	95,629	222,385	(3,844)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	22,211	83,426	18,589	37,748	60,699	127,983	95,593	224,193	(²)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	21,968	81,142	18,562	37,125	59,893	127,900	95,783	223,531	(²)	(NA)	(NA)
1958	505	527	347	23,532	80,924	19,942	38,304	59,368	124,892	95,072	219,240	5,930	92	87
INDUSTRY 2653.—CORRUGATED SHIPPING CONTAINERS														
1963	534	923	651	83,229	485,594	62,800	132,289	323,829	804,012	1,367,723	2,166,137	54,094	97	96
1962 ¹	(NA)	(NA)	(NA)	83,264	473,855	63,680	134,773	320,311	805,861	1,370,645	2,179,049	65,185	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	79,727	439,768	60,584	127,234	294,258	708,673	1,255,048	1,970,728	50,786	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	79,896	417,987	60,920	125,567	280,850	686,089	1,250,491	1,937,150	(54,842)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	77,766	407,516	59,602	126,131	276,411	678,200	1,228,807	1,904,823	(59,499)	(NA)	(NA)
1958	547	805	514	70,792	345,117	53,531	110,517	233,981	596,934	1,042,089	1,635,650	51,955	97	95
SUM OF ABOVE INDUSTRIES (FORMERLY INDUSTRY 2671 ²)														
1963	1,542	2,062	1,386	154,979	856,664	121,910	252,362	592,017	1,412,566	2,068,870	3,473,078	95,151	(NA)	(NA)
1958	1,506	1,846	1,202	140,713	648,030	110,859	226,284	452,794	1,112,857	1,639,021	2,742,099	74,611	(NA)	(NA)
1957	(NA)	(NA)	(NA)	145,815	644,364	117,389	234,549	451,312	1,095,454	1,603,691	2,699,145	(NA)	-	-
1956	(NA)	(NA)	(NA)	145,504	618,721	118,126	242,032	437,881	1,073,631	1,589,162	2,645,948	91,282	(NA)	(NA)
1955	(NA)	(NA)	(NA)	140,646	579,426	114,863	236,985	410,742	985,602	1,463,630	2,449,233	(NA)	(NA)	(NA)
1954	1,433	1,704	1,123	132,964	525,685	107,762	221,054	371,275	902,361	1,309,280	2,208,891	60,490	96	98
1953	(NA)	(NA)	(NA)	132,185	514,279	109,097	254,008	374,461	900,014	1,277,617	2,177,631	(NA)	(NA)	(NA)
1952	(NA)	(NA)	(NA)	120,125	445,596	99,156	229,929	320,023	792,512	1,162,519	1,955,031	(NA)	(NA)	(NA)
1951	(NA)	(NA)	(NA)	122,766	421,001	101,944	232,412	302,640	851,346	1,263,434	2,114,780	(NA)	(NA)	(NA)
1950	(NA)	(NA)	(NA)	117,731	374,921	98,747	211,202	275,389	682,241	985,494	1,667,735	(NA)	(NA)	(NA)
1949	(NA)	(NA)	(NA)	108,241	329,442	90,075	187,848	237,932	560,935	816,881	1,377,816	(NA)	(NA)	(NA)
1947	1,323	1,520	1,046	109,745	292,865	94,596	199,590	217,079	632,933	841,810	1,474,743	52,014	97	98
1939	(NA)	1,338	(NA)	75,376	95,873	62,530	(NA)	63,806	168,871	213,839	382,710	(NA)	(NA)	(NA)
1937	(NA)	1,226	(NA)	(NA)	(NA)	62,620	(NA)	63,301	163,377	231,410	394,787	(NA)	(NA)	(NA)
1935	(NA)	1,214	(NA)	63,140	70,150	55,276	(NA)	50,579	129,733	168,915	298,648	(NA)	(NA)	(NA)
1933	(NA)	1,104	(NA)	53,111	47,552	47,220	(NA)	37,614	96,678	126,326	223,004	(NA)	(NA)	(NA)
1931	(NA)	1,214	(NA)	(NA)	(NA)	46,722	(NA)	44,085	104,621	113,251	217,872	(NA)	(NA)	(NA)
1929	(NA)	1,249	(NA)	63,454	79,425	55,654	(NA)	57,110	134,413	159,840	294,253	(NA)	(NA)	(NA)
1927	(NA)	1,219	(NA)	64,137	78,440	56,398	(NA)	57,701	138,091	168,464	306,555	(NA)	(NA)	(NA)
1925	(NA)	1,229	(NA)	64,532	75,608	57,148	(NA)	57,172	130,232	151,712	281,944	(NA)	(NA)	(NA)
1923	(NA)	1,216	(NA)	64,273	71,718	56,855	(NA)	53,966	120,130	144,079	264,209	(NA)	(NA)	(NA)
1921	(NA)	1,191	(NA)	52,300	54,818	46,242	(NA)	40,477	85,980	88,268	174,248	(NA)	(NA)	(NA)
1919	(NA)	1,201	(NA)	62,641	58,898	55,862	(NA)	43,326	105,284	101,135	206,419	(NA)	(NA)	(NA)
1914	(NA)	1,043	(NA)	49,858	24,592	45,311	(NA)	18,705	38,443	36,268	74,711	(NA)	(NA)	(NA)
1909	(NA)	949	(NA)	42,753	17,724	39,514	(NA)	14,015	28,734	25,716	54,450	(NA)	(NA)	(NA)
1904	(NA)	796	(NA)	34,408	12,521	32,082	(NA)	10,208	20,181	16,686	36,867	(NA)	(NA)	(NA)
1899	(NA)	729	(NA)	29,021	9,421	27,653	(NA)	8,152	15,551	11,765	27,316	(NA)	(NA)	(NA)
INDUSTRY 2654.—SANITARY FOOD CONTAINERS														
1963	98	186	144	32,879	182,745	25,935	53,448	129,247	402,211	513,050	905,931	37,901	92	92
1962 ¹	(NA)	(NA)	(NA)	32,432	176,358	25,818	54,158	126,795	388,772	482,435	872,529	(50,911)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	31,951	165,332	25,510	53,521	119,504	374,080	440,960	810,350	29,732	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	31,012	155,693	24,640	51,799	112,802	365,127	406,607	770,010	22,559	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	30,309	150,173	24,205	51,360	110,148	346,390	402,878	746,182	(59,968)	(NA)	(NA)
1958 ³	65	136	125	29,493	139,131	23,424	49,777	103,542	309,224	374,425	680,079	35,774	92	93
1954	97	(NA)	(NA)	24,051	99,422	19,559	41,855	74,703	217,076	239,515	456,592	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2655.—FIBER CANS, TUBES, DRUMS, ETC. ⁴													
1963.....	166	246	137	13,188	67,488	11,221	22,816	50,275	126,196	134,220	260,257	7,689	95	80
1962 ¹	(NA)	(NA)	(NA)	12,205	59,880	10,192	22,108	44,441	104,480	109,866	212,956	6,939	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	11,695	55,461	9,695	19,730	41,523	94,500	96,973	189,601	7,038	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,294	51,897	9,488	19,064	39,140	84,912	88,911	173,644	4,371	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	11,266	51,235	9,433	19,456	39,034	85,606	91,069	177,431	4,880	(NA)	(NA)
1958.....	153	198	112	10,971	47,855	9,250	18,399	36,527	79,548	86,033	165,627	8,268	98	83
1957 ¹	(NA)	(NA)	(NA)	10,594	45,584	9,037	16,624	34,801	79,913	(NA)	168,588	3,957	-	-
1956 ¹	(NA)	(NA)	(NA)	10,827	45,009	9,301	18,612	34,803	76,539	86,771	162,544	4,658	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	10,994	42,874	9,543	19,043	33,441	69,269	79,953	148,749	(S)	(NA)	(NA)
1954 ¹	148	184	99	12,088	44,958	10,460	21,117	34,861	74,377	72,419	148,551	3,408	97	88
1953 ¹	(NA)	(NA)	(NA)	13,377	48,220	11,773	23,687	38,153	86,067	87,351	173,418	(NA)	(NA)	(NA)
1952.....	(NA)	(NA)	(NA)	10,687	35,221	9,221	18,654	27,728	63,012	62,508	125,520	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	10,202	32,441	8,881	17,574	25,850	58,216	59,898	118,114	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	9,505	28,488	8,248	16,975	22,913	47,413	48,713	96,126	(NA)	(NA)	(NA)
1949.....	(NA)	(NA)	(NA)	8,444	24,023	7,262	14,271	19,147	36,918	37,768	74,686	(NA)	(NA)	(NA)
1947.....	109	129	73	9,237	22,973	8,134	16,753	18,687	36,354	37,458	73,812	(NA)	-	-
1939.....	(NA)	116	(NA)	7,790	9,658	6,637	(NA)	6,963	19,393	13,952	33,345	(NA)	(NA)	(NA)
1937.....	(NA)	100	(NA)	(NA)	(NA)	6,104	(NA)	6,347	18,703	14,089	32,792	(NA)	(NA)	(NA)

Note: See appendix A for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

* The 1963 data are not directly comparable with earlier years due to misreporting by an undetermined number of establishments of sanitary container production as folding boxes. This caused such plants to be classified in the folding box industry. The impact on the data is not specifically known. It is believed to overstate the activity of the Folding Box Industry (SIC 2651) and correspondingly understate the level of the Sanitary Food Containers Industry (SIC 2654).

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²The three industries shown above (2651, 2652, 2653) were a single industry in 1957 and earlier years. They are shown combined so that historical data may be presented.

³Until 1958 the industry was part of old SIC industry 2699, Paper and Paperboard Products, N.E.C. Therefore, no historical data are available prior to 1954.

⁴A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that this industry is not directly comparable with data prior to 1958. The 1957 SIC change moved vulcanized fiber boxes formerly classified in industry 2671, Paperboard Boxes, into this industry.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2651.—FOLDING PAPERBOARD BOXES													
Total.....	636	418	51,291	288,841	41,451	85,550	206,654	476,866	605,672	1,081,147	36,008	46,389	391,031
New England.....	71	53	6,196	33,094	5,053	10,440	23,610	54,665	60,425	114,764	3,765	5,820	45,255
Massachusetts.....	39	28	3,297	17,273	2,719	5,672	12,695	29,162	32,668	61,123	1,241	2,865	22,009
Connecticut.....	20	16	2,272	13,240	1,819	3,749	9,112	22,270	23,948	46,496	849	2,732	21,383
Middle Atlantic.....	217	131	14,048	78,782	11,563	23,547	56,259	133,813	141,302	274,422	8,476	13,138	107,141
New York.....	105	62	6,224	35,001	5,158	10,323	26,003	58,038	66,663	124,411	5,032	6,355	48,798
New Jersey.....	48	25	3,392	21,127	2,715	5,666	14,069	34,394	29,771	64,201	865	2,929	24,432
Pennsylvania.....	64	44	4,432	22,654	3,690	7,558	16,187	41,381	44,868	85,810	2,579	3,854	33,911
East North Central..	145	106	14,817	87,809	11,875	24,619	63,843	141,840	189,134	331,524	13,730	13,937	119,376
Ohio.....	40	31	4,954	28,972	4,071	8,548	21,646	47,319	64,817	113,115	2,131	4,364	36,611
Illinois.....	61	43	5,205	31,145	4,201	8,536	22,823	49,273	63,166	112,136	9,345	4,778	42,239
Michigan.....	16	10	1,681	10,834	1,270	2,669	7,610	16,881	27,463	44,164	1,159	1,884	15,832
West North Central..	32	19	3,141	18,041	2,559	5,344	13,689	29,423	42,382	71,083	2,062	2,492	22,226
Minnesota.....	11	5	1,447	9,077	1,169	2,397	6,709	14,109	23,461	37,548	580	1,156	11,413
South Atlantic.....	56	40	6,298	32,377	4,880	10,158	21,185	50,730	75,281	124,226	3,921	5,162	42,581
Maryland.....	13	10	2,078	11,892	1,616	3,393	7,883	16,763	21,291	37,832	1,368	2,406	19,046
Virginia.....	6	5	596	2,822	534	1,138	2,273	5,029	9,428	14,233	141	533	5,031
Georgia.....	10	8	2,218	11,606	1,571	3,146	6,755	16,356	27,866	43,488	1,860	(²)	(²)
Florida.....	11	7	498	1,922	431	864	1,377	4,638	5,365	9,848	216	381	2,438
East South Central..	15	12	850	3,771	677	1,313	2,622	6,175	8,938	15,327	433	700	4,526
Tennessee.....	10	7	501	2,283	404	834	1,600	3,936	4,550	8,542	320	461	2,897
West South Central..	30	21	1,878	9,059	1,506	3,199	6,012	17,082	23,741	39,971	774	1,696	13,731
Louisiana.....	7	4	460	2,325	367	791	1,513	4,014	5,229	8,786	(D)	(²)	(²)
Texas.....	18	13	1,110	5,328	902	1,888	3,663	10,543	15,035	25,106	419	1,137	10,747
Mountain.....	4	4	159	838	120	240	514	1,236	1,209	2,498	(D)	182	1,163
Colorado.....	4	4	159	838	120	240	514	1,236	1,209	2,498	(D)	(²)	(²)
Pacific.....	66	32	3,904	25,070	3,218	6,690	18,920	41,902	63,260	107,332	(D)	3,262	35,033
Washington.....	8	4	313	1,961	236	418	1,237	3,676	3,899	7,235	29	270	2,862
California.....	53	26	3,492	22,611	2,901	6,132	17,306	37,319	58,528	98,382	2,735	2,912	31,580
INDUSTRY 2652.—SET-UP PAPERBOARD BOXES													
Total.....	503	317	20,459	82,229	17,659	34,523	61,534	131,688	95,475	225,794	5,049	23,532	124,892
New England.....	73	50	3,491	14,634	2,906	5,809	10,719	24,884	19,629	44,302	983	4,217	21,884
New Hampshire.....	6	3	121	464	106	214	387	1,009	1,213	2,159	61	(²)	(²)
Massachusetts.....	40	28	2,357	10,113	1,953	3,932	7,525	17,349	14,308	31,494	770	3,081	16,318
Rhode Island.....	14	9	490	1,810	400	781	1,156	2,452	1,932	4,388	38	520	2,153
Middle Atlantic.....	216	133	9,041	36,142	7,902	15,295	27,248	55,561	36,163	91,233	1,796	10,584	56,157
New York.....	113	63	5,149	21,834	4,465	8,605	16,223	34,045	20,288	54,141	1,065	6,071	34,972
New Jersey.....	33	24	1,393	5,397	1,198	2,309	3,888	8,326	5,440	13,809	355	1,704	7,276
Pennsylvania.....	70	46	2,499	8,911	2,239	4,381	7,137	13,190	10,435	23,283	376	2,809	13,909
East North Central..	69	40	2,830	12,138	2,376	4,725	8,580	17,563	12,471	29,641	583	3,514	19,353
Illinois.....	35	20	1,442	6,167	1,187	2,383	4,268	9,272	6,697	15,616	247	2,113	12,138
Michigan.....	10	5	403	1,814	338	657	1,370	2,777	1,475	4,231	60	356	1,856
Wisconsin.....	6	4	171	634	144	280	431	1,053	741	1,791	85	227	1,287
West North Central..	18	9	625	2,681	536	997	2,054	4,607	3,984	8,619	161	895	5,527
Minnesota.....	4	2	152	820	128	248	608	1,149	758	1,908	59	248	1,615
Iowa.....	3	2	100	335	88	161	252	461	393	858	(D)	(²)	(²)
Missouri.....	8	3	266	1,078	228	415	873	2,046	2,015	4,048	45	438	2,677
South Atlantic.....	54	38	2,473	8,449	2,178	4,267	6,693	14,429	12,964	27,180	923	2,590	11,464
Virginia.....	6	4	348	1,251	314	630	986	1,931	2,020	3,868	279	(²)	(²)
North Carolina.....	18	15	909	3,035	798	1,574	2,439	5,912	4,858	10,774	291	(²)	(²)
South Carolina.....	5	5	219	716	196	353	599	1,164	1,616	2,765	66	165	709
Georgia.....	8	6	277	956	247	471	796	1,468	1,449	2,825	102	(²)	(²)
Florida.....	9	5	467	1,603	416	845	1,226	2,636	1,906	4,525	76	512	2,355
East South Central..	25	19	696	2,352	622	1,248	2,016	4,283	4,155	8,466	347	530	2,341
Tennessee.....	13	11	355	1,239	321	652	1,058	2,476	2,467	4,944	185	225	1,096
Alabama.....	5	3	174	600	163	320	524	1,022	872	1,899	131	198	774
West South Central..	7	2	65	182	60	112	156	278	163	440	7	133	682
West.....	41	26	1,238	5,651	1,079	2,070	4,068	10,083	5,946	15,913	249	1,069	7,484

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2653.—CORRUGATED SHIPPING CONTAINERS													
Total.....	923	651	83,229	485,594	62,800	132,289	323,829	804,012	1,367,723	2,166,137	54,094	70,792	596,934
New England.....	67	43	5,020	28,403	3,848	7,932	19,080	49,772	69,015	119,528	2,731	4,311	38,259
Maine.....	4	2	243	1,151	193	393	819	1,882	3,190	5,048	77	(²)	(²)
Massachusetts.....	40	24	3,495	20,599	2,690	5,606	13,954	35,041	49,321	85,090	1,976	3,234	29,656
Connecticut.....	17	12	997	5,313	754	1,498	3,474	10,295	12,024	22,341	585	(²)	(²)
Middle Atlantic.....	231	159	20,154	120,496	15,184	31,731	77,951	202,347	283,926	485,681	14,142	18,583	156,636
New York.....	106	65	7,177	43,728	5,486	11,386	27,589	78,486	93,218	171,476	4,827	6,562	58,411
New Jersey.....	66	49	6,860	41,868	5,117	10,661	27,012	66,102	97,420	163,236	4,430	6,702	53,127
Pennsylvania.....	59	45	6,117	34,900	4,581	9,684	23,350	57,759	93,288	150,969	4,885	5,319	45,098
East North Central..	256	192	27,087	160,536	20,144	42,648	106,687	257,270	425,726	681,729	14,957	23,314	200,862
Ohio.....	54	47	6,993	41,134	5,320	11,042	28,170	64,077	108,144	172,314	3,684	5,999	50,993
Indiana.....	27	21	3,352	20,267	2,497	5,414	13,698	30,710	49,077	79,741	3,268	3,055	24,875
Illinois.....	95	69	9,218	54,732	6,861	14,370	35,496	90,810	147,556	238,180	4,463	7,428	66,521
Michigan.....	46	34	4,216	24,355	3,108	6,708	16,444	39,119	65,159	103,705	1,631	3,387	28,570
Wisconsin.....	34	21	3,308	20,048	2,358	5,114	12,879	32,554	55,790	87,789	1,911	3,445	29,903
West North Central..	71	57	5,355	29,947	3,954	8,210	19,194	50,422	89,259	138,523	3,483	4,074	38,339
Minnesota.....	14	11	1,105	6,156	771	1,496	3,692	13,143	19,043	31,678	601	568	6,419
Missouri.....	28	20	1,715	9,688	1,270	2,681	6,169	13,204	26,668	39,958	1,392	1,402	10,541
Nebraska.....	7	6	481	2,270	366	755	1,469	2,266	6,354	8,491	394	312	2,399
Kansas.....	8	7	1,073	6,455	791	1,724	4,225	10,119	17,818	27,911	504	(²)	(²)
South Atlantic.....	90	64	8,998	48,427	6,948	15,043	33,676	78,741	168,491	247,301	7,605	7,417	54,053
Maryland.....	16	12	1,341	7,230	1,034	2,291	5,005	10,305	22,310	32,552	887	1,488	10,627
Virginia.....	12	8	1,040	5,480	826	1,780	3,841	9,960	17,569	27,546	1,953	774	6,374
North Carolina.....	15	11	1,640	8,925	1,246	2,900	6,084	15,779	30,461	46,172	635	1,374	11,600
Georgia.....	16	10	2,031	10,948	1,625	3,438	8,040	18,319	47,402	65,593	1,517	1,453	9,645
Florida.....	18	14	1,554	9,033	1,084	2,372	5,807	14,750	29,563	44,340	867	1,263	8,573
East South Central..	34	30	3,383	17,325	2,641	5,650	11,600	31,223	51,879	82,044	1,591	2,483	16,893
Kentucky.....	7	7	877	5,137	682	1,498	3,486	8,432	15,685	23,216	212	(²)	(²)
Tennessee.....	19	17	1,774	8,688	1,378	2,886	5,732	15,639	26,459	41,904	1,208	1,508	9,935
Alabama.....	4	3	346	1,700	276	605	1,141	4,222	3,746	7,968	74	(²)	(²)
Mississippi.....	4	3	386	1,800	305	661	1,241	2,930	5,989	8,956	97	(²)	(²)
West South Central..	53	35	4,381	24,487	3,365	7,123	16,784	44,724	81,921	126,055	3,317	3,756	27,710
Louisiana.....	7	6	1,545	9,321	1,260	2,644	6,789	15,423	29,399	44,615	616	2,065	11,784
Texas.....	36	23	2,008	10,668	1,466	3,163	6,910	18,854	35,977	54,768	2,119	1,161	10,523
Mountain.....	13	7	624	3,450	492	1,007	2,291	8,125	10,634	18,684	396	385	4,332
Colorado.....	6	4	345	1,957	286	571	1,331	5,267	6,030	11,091	101	(²)	(²)
Pacific.....	108	64	8,227	52,523	6,224	12,945	36,566	81,388	186,872	266,592	5,872	6,469	59,850
Washington.....	11	9	1,294	7,829	1,021	2,104	5,801	12,656	33,030	45,763	572	(²)	(²)
California.....	93	51	6,565	42,326	4,935	10,248	29,030	65,422	145,463	208,827	5,266	5,130	49,404
INDUSTRY 2654.—SANITARY FOOD CONTAINERS													
Total.....	186	144	32,879	182,745	25,935	53,448	129,247	402,211	513,050	905,931	37,901	29,493	309,224
New England.....	18	10	1,457	8,041	1,098	2,389	5,285	19,649	22,420	41,536	2,022	1,630	16,392
Middle Atlantic.....	44	30	9,516	53,547	7,293	14,641	36,333	99,716	98,259	192,723	11,663	10,132	84,445
New York.....	24	14	4,023	22,270	3,202	6,236	15,449	33,349	36,936	71,040	2,152	6,003	49,811
New Jersey.....	9	8	2,559	14,233	2,156	4,349	11,393	37,183	29,802	61,190	5,892	1,320	14,982
Pennsylvania.....	11	8	2,934	17,044	1,935	4,056	9,491	29,184	31,521	60,493	3,619	2,809	19,652
East North Central..	37	32	8,190	48,179	6,424	13,615	33,979	89,949	149,735	238,617	8,577	6,487	61,116
Indiana.....	4	4	324	1,521	260	504	1,028	2,829	9,497	12,172	219	152	1,681
Illinois.....	14	15	2,570	14,108	1,998	4,188	9,193	26,535	35,352	62,668	3,582	1,539	14,317
Michigan.....	5	5	3,516	21,742	2,718	5,844	15,477	35,557	57,783	91,580	2,140	3,015	24,340
West North Central..	11	9	3,349	16,391	2,778	5,580	12,682	49,657	57,991	106,992	1,942	2,897	42,016
Missouri.....	5	4	2,188	10,382	1,836	3,583	7,912	35,215	24,718	59,475	354	(²)	(²)
South Atlantic.....	28	23	4,478	22,873	3,685	7,748	16,520	58,986	70,998	128,651	9,238	3,401	41,201
Maryland.....	8	7	1,888	10,043	1,620	3,483	7,377	22,449	22,768	45,151	(D)	1,302	12,086
Georgia.....	7	6	1,069	5,211	858	1,919	3,883	14,383	22,399	36,126	(D)	859	12,762
Florida.....	5	5	334	1,669	261	501	1,192	3,392	6,507	9,782	882	(²)	(²)
East South Central..	7	5	676	3,393	518	1,109	2,270	9,140	10,592	19,752	859	160	1,726
West South Central..	10	8	1,167	5,766	950	1,915	4,306	19,158	25,688	44,447	1,461	1,098	16,318

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
	INDUSTRY 2654.—SANITARY FOOD CONTAINERS—Continued												
West.....	31	27	4,046	24,555	3,189	6,451	17,872	55,956	77,367	133,213	2,139	3,688	46,010
Washington.....	4	4	153	989	123	253	735	2,104	5,013	6,949	(D)	(²)	(²)
California.....	23	20	3,577	21,782	2,808	5,728	15,756	49,747	64,907	114,637	1,602	2,954	36,711
	INDUSTRY 2655.—FIBER CANS, TUBES, DRUMS, ETC.												
Total.....	246	137	13,188	67,488	11,221	22,816	50,275	126,196	134,220	260,257	7,689	10,971	79,548
New England.....	25	14	1,034	4,687	893	1,785	3,533	8,271	7,202	15,419	261	923	6,077
Middle Atlantic.....	70	37	3,264	16,691	2,813	5,685	12,816	33,307	33,320	66,581	1,183	2,883	22,149
New York.....	22	7	753	3,955	640	1,249	2,965	6,994	5,399	12,462	122	919	6,540
New Jersey.....	30	18	1,354	6,684	1,152	2,346	5,055	13,416	12,800	26,280	412	889	5,814
Pennsylvania.....	18	12	1,157	6,052	1,021	2,090	4,796	12,897	15,121	27,839	649	1,075	9,795
East North Central..	59	35	3,226	17,222	2,755	5,715	12,722	30,448	34,802	65,346	1,061	2,709	19,796
Ohio.....	17	15	1,435	7,770	1,194	2,507	5,953	11,878	12,733	24,647	469	1,283	9,218
Indiana.....	6	4	375	2,179	317	696	1,257	5,697	7,558	13,262	242	189	1,467
Illinois.....	20	8	855	4,233	765	1,511	3,272	7,574	8,141	15,747	194	620	4,963
Michigan.....	9	4	242	1,431	203	431	1,050	3,138	4,221	7,395	92	269	2,105
Wisconsin.....	7	4	319	1,609	276	570	1,190	2,161	2,149	4,295	64	348	2,043
West North Central..	9	7	870	4,703	700	1,414	3,232	8,756	10,294	19,216	1,192	1,004	8,099
South Atlantic.....	35	20	3,001	15,664	2,550	5,163	11,922	27,174	21,305	47,986	2,516	2,279	13,671
North Carolina.....	8	4	230	805	204	420	653	1,454	1,757	3,164	74	(²)	(²)
Georgia.....	9	4	351	1,645	277	585	1,060	3,191	3,958	7,069	326	(²)	(²)
Florida.....	5	3	142	624	122	286	361	2,034	3,354	5,081	(D)	(²)	(²)
East South Central..	9	8	601	2,386	526	1,070	1,656	5,606	6,455	12,098	488	505	3,849
Tennessee.....	3	3	210	977	193	427	737	3,179	4,652	7,878	299	267	2,698
West South Central..	15	7	388	1,808	327	687	1,197	2,896	9,205	12,134	559	205	1,619
Texas.....	10	4	202	962	167	345	562	2,337	4,894	7,262	(D)	(²)	(²)
West.....	24	9	804	4,327	657	1,297	3,197	9,738	11,637	21,477	429	463	4,288

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2651, Folding Paperboard Boxes: New England—Maine, 2 (1-19); New Hampshire, 3 (250-499); Rhode Island, 7 (250-499); East North Central—Indiana, 16 (1,841); Wisconsin, 12 (1,136); West North Central—Iowa, 2 (250-499); Nebraska, 1 (1-19); Kansas, 2 (20-99); South Atlantic—District of Columbia, 1 (1-19); North Carolina, 14 (500-999); South Carolina, 1 (20-99); East South Central—Kentucky, 3 (250-499); Alabama, 2 (20-99); West South Central—Arkansas, 3 (100-249); Oklahoma, 2 (20-99); Pacific—Oregon, 4 (20-99); Hawaii, 1 (20-99).

SIC 2652, Set-up Paperboard Boxes: New England—Maine, 5 (108); Connecticut, 8 (415); East North Central—Ohio, 14 (620); Indiana, 4 (194); West North Central—South Dakota, 1 (1-19); Nebraska, 1 (20-99); Kansas, 1 (20-99); South Atlantic—Maryland, 6 (100-249); District of Columbia, 1 (1-19); West Virginia, 1 (20-99); East South Central—Kentucky, 4 (20-99); Mississippi, 3 (20-99); West South Central—Arkansas, 1 (1-19); Louisiana, 1 (1-19); Texas, 5 (20-99); Mountain—Colorado, 4 (100-249); Utah, 1 (20-99); Pacific—Washington, 4 (20-99); Oregon, 2 (20-99); California, 29 (994); Hawaii, 1 (1-19).

SIC 2653, Corrugated Shipping Containers: New England—New Hampshire, 1 (100-249); Vermont, 2 (20-99); Rhode Island, 3 (20-99); West North Central—Iowa, 12 (500-999); North Dakota, 1 (1-19); South Dakota, 1 (20-99); South Atlantic—Delaware, 1 (20-99); West Virginia, 7 (500-999); South Carolina, 5 (500-999); West South Central—Arkansas, 5 (480); Oklahoma, 5 (348); Mountain—New Mexico, 1 (1-19); Arizona, 4 (190); Utah, 2 (20-99); Pacific—Oregon, 2 (250-499); Hawaii, 2 (20-99).

SIC 2654, Sanitary Food Containers: New England—Maine, 1 (1-19); Vermont, 1 (250-499); Massachusetts, 14 (906); Rhode Island, 1 (250-499); Connecticut, 1 (1-19); East North Central—Ohio, 9 (372); Wisconsin, 5 (1,408); West North Central—Minnesota, 2 (100-249); Iowa, 1 (250-499); Nebraska, 1 (20-99); Kansas, 2 (500-999); South Atlantic—Delaware, 1 (100-249); Virginia, 4 (100-249); North Carolina, 2 (20-99); South Carolina, 1 (500-999); East South Central—Kentucky, 4 (500-999); Alabama, 1 (20-99); Mississippi, 2 (20-99); West South Central—Arkansas, 2 (500-999); Louisiana, 1 (100-249); Oklahoma, 1 (1-19); Texas, 6 (250-499); Mountain—Idaho, 1 (20-99); Colorado, 1 (20-99); Pacific—Oregon, 2 (100-249).

SIC 2655, Fiber Cans, Tubes, Drums, etc.: New England—Maine, 1 (1-19); New Hampshire, 1 (20-99); Massachusetts, 18 (250-499); Rhode Island, 3 (370); Connecticut, 2 (100-249); West North Central—Minnesota, 3 (100-249); Iowa, 1 (20-99); Missouri, 4 (595); Kansas, 1 (20-99); South Atlantic—Delaware, 2 (250-999); Maryland, 3 (100-249); District of Columbia, 1 (100-249); Virginia, 2 (20-99); West Virginia, 1 (1-19); South Carolina, 4 (1,638); East South Central—Kentucky, 2 (20-99); Alabama, 3 (278); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 2 (100-249); Oklahoma, 2 (20-99); Mountain—Colorado, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 1 (1-19); Oregon, 3 (110); California, 18 (664).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Folding paperboard boxes (SIC 2651)	Set-up paperboard boxes (SIC 2652)	Corrugated shipping containers (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, tubes, drums, etc. (SIC 2655)
Primary product specialization ratio ¹.....	.85	.91	.97	.92	.95
Coverage ratio ².....	.88	.87	.96	.92	.80
Establishments, total.....number..	636	503	923	186	246
With 1 to 19 employees.....do....	218	186	272	42	109
With 20 to 99 employees.....do....	270	274	314	70	106
With 100 employees or more.....do....	148	43	337	74	31
Proprietors and working partners.....do....	115	152	120	14	45
All employees (average for the year).....do....	51,291	20,459	83,229	32,879	13,188
Payroll (all employees), total for year.....\$1,000..	288,841	82,229	485,594	182,745	67,488
Production workers:					
Average for the year.....number..	41,451	17,659	62,800	25,935	11,221
March.....do....	40,294	16,774	62,123	25,999	11,193
May.....do....	41,140	17,128	61,676	26,220	11,148
August.....do....	42,023	17,961	63,002	26,247	11,318
November.....do....	42,347	18,811	64,324	25,247	11,212
Man-hours.....1,000..	85,550	34,523	132,289	53,448	22,816
January-March.....do....	20,667	8,291	31,883	13,176	5,723
April-June.....do....	21,475	8,258	32,684	13,725	5,765
July-September.....do....	21,283	8,577	33,763	13,376	5,623
October-December.....do....	22,125	9,397	33,959	13,174	5,705
Wages.....\$1,000..	206,654	61,534	323,829	129,247	50,275
Cost of materials, etc., total.....do....	605,672	95,475	1,367,723	513,050	134,220
Materials, parts, containers, and supplies consumed.....do....	580,030	90,678	1,323,686	470,953	128,894
Cost of resales.....do....	8,788	2,161	23,225	32,819	1,692
Fuels consumed.....do....	2,632	607	9,933	2,156	1,041
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	332	51	609	419	77
Cost.....\$1,000..	4,929	1,042	9,448	5,217	1,381
Generated less sold.....million kw.-hrs..	27	(D)	23	(D)	(D)
Contract work.....\$1,000..	9,293	987	1,431	1,905	1,212
Value of shipments (including resales), total.....do....	1,081,147	225,794	2,166,137	905,931	260,257
Value of resales.....do....	10,925	4,408	27,380	37,828	2,257
Value added by manufacture, adjusted.....do....	476,866	131,688	804,012	402,211	126,196
Manufacturers' inventories:					
Beginning of year, total.....do....	146,393	25,441	197,218	137,847	23,246
Finished products.....do....	68,183	9,769	34,985	65,322	4,156
Work-in-process.....do....	41,564	3,466	25,718	10,471	4,276
Materials, supplies, fuel, etc.....do....	36,646	12,166	136,505	62,054	14,814
End of year, total.....do....	152,818	26,788	210,370	143,164	25,363
Finished products.....do....	70,587	10,873	37,921	73,608	4,311
Work-in-process.....do....	40,551	3,731	28,380	11,515	4,280
Materials, supplies, fuel, etc.....do....	41,680	12,184	144,069	58,041	16,772
Expenditures for plant and equipment, total.....do....	39,746	6,022	57,360	40,071	7,937
New, total.....do....	36,008	5,049	54,094	37,901	7,689
New structures and additions to plant.....do....	7,936	751	12,711	3,426	1,190
New machinery and equipment.....do....	28,072	4,298	41,383	34,475	6,499
Used plant and equipment.....do....	3,753	973	3,266	2,170	248
Selected operating ratios:					
Payroll/Total employment.....	5,631	4,019	5,834	5,558	5,117
Production workers/Total employment.....	.81	.86	.75	.79	.85
Man-hours/Production workers.....	2,064	1,955	2,107	2,061	2,033
Production worker wages/Man-hours.....	2.42	1.78	2.45	2.42	2.20
Cost of materials and payrolls/Total value of shipments....	.83	.79	.86	.77	.78
Cost of materials/Total value of shipments.....	.56	.42	.63	.57	.52
Adjusted value added/Total employment.....	9,297	643	9,660	12,233	9,569
Salaries and wages/Adjusted value added.....	.60	.62	.60	.45	.53

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2651.—FOLDING PAPERBOARD BOXES											
Establishments.....number..	636	71	63	84	152	118	104	34	8	2	-
All employees:											
Total.....do....	51,291	166	421	1,227	4,975	8,222	16,529	11,861	7,890	(D)	-
Payroll.....\$1,000..	288,841	738	1,928	6,122	23,989	43,082	92,177	70,639	50,166	(D)	-
Value added, adjusted.....do....	476,866	1,293	3,228	12,054	40,992	71,490	153,638	122,666	71,505	(D)	-
Value of shipments.....do....	1,081,147	2,598	7,212	25,959	87,338	148,946	326,664	285,046	197,384	(D)	-
Capital expenditures, new...do....	36,008	84	189	452	2,518	2,265	13,450	11,056	5,994	(D)	-
INDUSTRY 2652.—SET-UP PAPERBOARD BOXES											
Establishments.....number..	503	56	51	79	186	88	40	2	1	-	-
All employees:											
Total.....do....	20,459	121	367	1,149	5,706	6,165	5,659	1,292	(D)	-	-
Payroll.....\$1,000..	82,229	448	1,363	3,931	21,452	24,544	24,366	6,125	(D)	-	-
Value added, adjusted.....do....	131,688	1,015	2,626	6,805	34,135	40,148	37,085	9,874	(D)	-	-
Value of shipments.....do....	225,794	1,701	4,018	11,420	59,681	71,510	62,604	14,860	(D)	-	-
Capital expenditures, new...do....	5,049	87	166	295	1,302	1,678	1,199	322	(D)	-	-
INDUSTRY 2653.—CORRUGATED SHIPPING CONTAINERS											
Establishments.....number..	923	97	69	106	188	126	269	64	4	-	-
All employees:											
Total.....do....	83,229	158	470	1,554	6,009	9,239	42,939	20,718	2,142	-	-
Payroll.....\$1,000..	485,594	1,423	2,431	7,527	30,485	50,772	252,110	127,443	13,403	-	-
Value added, adjusted.....do....	804,012	3,021	4,801	13,949	52,795	87,539	419,994	199,334	22,579	-	-
Value of shipments.....do....	2,166,137	7,594	11,836	35,965	147,869	231,833	1,135,455	534,649	60,936	-	-
Capital expenditures, new...do....	54,094	1,258	522	951	6,021	10,241	24,489	9,914	698	-	-
INDUSTRY 2654.—SANITARY FOOD CONTAINERS											
Establishments.....number..	186	12	12	18	28	41	38	22	10	5	-
All employees:											
Total.....do....	32,879	20	76	259	887	3,185	5,233	7,452	6,774	8,993	-
Payroll.....\$1,000..	182,745	106	347	1,277	4,501	15,460	28,793	40,672	39,340	52,249	-
Value added, adjusted.....do....	402,211	228	694	2,867	9,618	38,514	58,117	90,206	104,080	97,887	-
Value of shipments.....do....	905,931	904	1,547	7,589	27,471	130,637	171,085	189,228	207,200	170,270	-
Capital expenditures, new...do....	37,901	2301	165	580	990	5,945	7,023	5,678	7,300	9,919	-
INDUSTRY 2655.—FIBER CANS, TUBES, DRUMS, ETC.											
Establishments.....number..	246	40	30	39	57	49	25	5	-	1	-
All employees:											
Total.....do....	13,188	74	218	557	1,904	3,519	3,537	3,379	-	(D)	-
Payroll.....\$1,000..	67,488	363	1,025	2,677	9,052	16,346	18,434	19,591	-	(D)	-
Value added, adjusted.....do....	126,196	637	1,751	5,464	19,531	28,610	38,532	31,671	-	(D)	-
Value of shipments.....do....	260,257	1,303	3,370	12,032	46,175	62,035	77,845	57,497	-	(D)	-
Capital expenditures, new...do....	7,689	362	92	427	1,901	2,009	1,291	1,907	-	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures of approximately \$500-\$1,000 thousand for plants under construction but not in operation.²Includes capital expenditures of approximately \$100-\$200 thousand for plants under construction but not in operation.³Includes capital expenditures of approximately \$20-\$50 thousand for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B-C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2651	Folding paperboard boxes.....1963..	1,081,147	902,464	157,485	21,198	85	1,025,983	902,464	123,519	88
	1958..	887,209	736,310	134,336	16,563	85	815,362	736,310	79,052	90
2652	Set-up paperboard boxes.....1963..	225,794	201,341	19,320	5,133	91	232,282	201,341	30,941	87
	1958..	219,240	197,368	17,279	4,593	92	225,897	197,368	28,529	87
2653	Corrugated shipping containers....1963..	2,166,137	2,056,458	60,539	49,140	97	2,136,228	2,056,458	79,770	96
	1958 ¹ ..	1,635,650	1,548,608	51,359	35,683	97	1,627,555	1,548,608	78,947	95
2654	Sanitary food containers.....1963..	905,931	788,170	72,546	45,215	92	854,729	788,170	66,559	92
	1958..	680,079	594,796	53,970	31,313	92	642,491	594,796	47,695	93
2655	Fiber cans, tubes, drums, etc.....1963..	260,257	242,665	13,070	4,522	95	302,062	242,665	59,397	80
	1958..	165,627	157,906	3,637	4,084	98	189,184	157,906	31,278	83

Note: See Introduction for an explanation of terms used.

¹Excludes data for Alaska and Hawaii.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of product and miscellaneous receipts	All industries	Folding paperboard boxes (SIC 2651)	Set-up paperboard boxes (SIC 2652)	Corrugated shipping containers (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, tubes, drums, etc. (SIC 2655)	Other industries
FOLDING PAPERBOARD BOXES INDUSTRY								
	Total shipments and receipts of the industry.....	(X)	1,081,147	225,794	2,166,137	905,931	260,257	(X)
	Paperboard containers and boxes, total.....	(X)	1,020,889	214,609	2,101,675	825,185	245,584	(X)
26510	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen foods, etc.).....	1,025,983	902,464	(D)	37,752	33,253	(D)	¹ 41,285
26520	Set-up paperboard boxes.....	232,282	21,733	201,341	2,507	(D)	(D)	6,297
26530	Corrugated and solid fiber boxes, including pallets....	2,136,228	57,929	2,988	2,056,458	3,576	302	² 14,975
26541	Milk and other beverage cartons.....	284,777	1,030	-	(D)	281,129	(D)	³ 2,474
26542	Cups and liquid-tight food containers.....	300,017	(D)	-	(D)	291,875	(D)	⁴ 6,748
26543	Other sanitary food containers, boards and trays (including frozen food, butter, oleo, etc.).....	268,343	35,218	-	(D)	213,611	(D)	⁵ 16,097
26540	Sanitary food containers, n.s.k.....	1,592	(X)	(X)	(X)	1,555	(X)	37
26551	Paperboard and other fiber drums.....	61,960	(D)	-	(X)	(X)	57,693	(D)
26552	Fiber cans, tubes, and other fiber products.....	236,929	618	(D)	1,212	(D)	181,899	⁶ 52,159
26550	Fiber cans, tubes, drums, etc., n.s.k.....	3,173	(X)	(X)	(7)	(X)	⁷ 3,173	(X)
	Other products, total.....	(X)	39,060	6,052	15,322	35,531	10,251	(X)
26452	Pasted, lined, laminated, or surface coated paperboard.	(X)	2,262	(D)	(D)	(D)	(X)	(X)
26495	Other converted paper and board products.....	(X)	(D)	(D)	724	6,253	(X)	(X)
27512	Labels and wrappers printing (letterpress).....	(X)	10,453	612	(X)	(X)	(X)	(X)
27522	Labels and wrappers printing.....	(X)	3,874	525	84	(X)	(X)	(X)
27525	Advertising printing.....	(X)	2,358	(D)	(X)	(X)	(X)	(X)
30794	Packaging and shipping containers, plastics.....	(X)	(X)	(X)	(X)	3,741	(X)	(X)
	Other secondary products.....	(X)	⁸ 20,113	4,594	⁹ 14,514	¹⁰ 25,537	¹¹ 10,251	(X)
	Miscellaneous receipts, total.....	(X)	21,198	5,133	49,140	45,215	4,522	(X)
	Receipts for contract and commission work.....	(X)	4,631	378	660	(¹²)	(D)	(X)
	Resales.....	(X)	10,925	4,408	27,380	37,828	2,257	(X)
	Other miscellaneous receipts.....	(X)	5,642	347	21,100	7,387	(D)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Includes \$11 million shipped by industry 2752, Printing, Lithographic. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2641, Paper Coating and Glazing, 2751, Printing, Except Lithographic, 3352, Aluminum Rolling and Drawing, 3411, Metal Cans, and 3497, Metal Foil and Leaf.

²The following industries had shipments of \$2 million or more but are withheld to avoid disclosing individual company figures: 2643, Bags, Except Textile Bags; 3221, Glass Containers.

³The following industry had shipments of \$2 million or more but are withheld to avoid disclosing individual company figures: 2641, Paper Coating and Glazing.

⁴The following industry had shipments of \$2 million or more but are withheld to avoid disclosing individual company figures: 2649, Converted Paper Products, N.E.C.

⁵The following industries had shipments of \$2 million or more but are withheld to avoid disclosing individual company figures: 2641, Paper Coating and Glazing; and 2653, Corrugated Shipping Containers.

⁶The following industries had shipments of \$2 million or more but are withheld to avoid disclosing individual company figures: 2821, Plastics Materials and Resins; 3079, Plastics Products, N.E.C.; 3411, Metal Cans; and 3461, Metal Stampings.

⁷An insignificant amount reported for this industry is included with the figure for the fiber cans, tubes, drums, etc., industry.

⁸Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 25410, Wood partitions, shelving, lockers, and office and store fixtures; 26412, Oiled, waxed, and wax laminated paper; 26451, Office supplies (filing accessories) and miscellaneous products; and 27518, Other gravure printing. In addition an insignificant amount for product class 26495, Other converted paper and board products, has been included with this figure in order to avoid a disclosure of individual company figures.

⁹In order to avoid disclosing individual company figures we have included the shipments for product class 26452, Pasted, lined, laminated, or surface coated paperboard.

¹⁰Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 26452, Pasted, lined, laminated, or surface coated paperboard; 26472, Sanitary tissue health products; and 26492, Wrapping products (gift wrap, etc.).

¹¹Includes product class 34616, Metal commercial closures, except crowns, which totals \$2 million or more but is withheld to avoid disclosing individual company figures and also includes product class 26452.

¹²A small amount (less than 100 thousand dollars) of receipts for contract and commission work has been included with "Other miscellaneous receipts" in order to avoid disclosing individual company figures.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total shipments including interplant transfers ¹			
		1963		1958	
		Quantity ¹ (short tons)	Value (\$1,000)	Quantity ¹ (short tons)	Value (\$1,000)
2651- --	FOLDING PAPERBOARD BOXES.....	3,006,480	² 1,025,983	2,502,403	² 815,362
26510 00	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen food, etc.) ³	3,006,480	² 1,025,983	2,502,403	815,362
2652- --	SET-UP PAPERBOARD BOXES.....	583,623	232,282	556,271	225,897
26520 11	Set-up (rigid) paperboard boxes ¹	⁴ 583,623	232,282	556,271	225,897
2653- --	CORRUGATED AND SOLID FIBER BOXES ³	9,933,164	2,136,228	7,268,030	1,627,555
26530 10	Corrugated shipping containers.....	9,316,373	2,002,293	6,562,999	1,473,482
26530 51	Solid fiber.....	95,774	25,167	181,154	43,611
26530 67	Corrugated paperboard in sheets and rolls, lined and unlined.....	251,752	42,722	297,417	58,370
26530 68	Corrugated and solid fiber pallets, pads, and partitions.....	122,695	27,205	71,460	17,178
26530 00	Corrugated solid fiber boxes, n.s.k.....	⁵ 146,570	38,841	⁵ 155,000	34,914
2654- --	SANITARY FOOD CONTAINERS.....	1,630,659	854,729	1,272,010	642,491
26541 --	Milk and other beverage cartons:				
26541 11	Milk cartons.....	668,324	284,777	520,208	199,294
26542 --	Cups and liquid-tight food containers:				
26542 31	Cups and liquid-tight food containers.....	393,178	300,017	304,442	230,481
26543 --	Other sanitary food containers, boards and trays, including frozen food, butter, oleo, etc.....	566,125	268,343	447,360	212,716
	Food serving paper and paperboard products:				
26543 11	Stamped plates, dishes, spoons, forks, and similar products.....	93,819	39,075	74,568	28,348
26543 21	Soda straws, except glass.....	9,536	12,389	8,384	10,988
26543 39	Other food serving paper and paperboard products.....	37,987	23,278	22,488	17,874
26543 41	Frozen food containers.....	111,289	52,601	77,582	32,023
26543 51	Butter, oleo, shortening, and ice cream cartons.....	153,010	68,602	151,805	71,064
26543 61	Food and ice cream pails.....	⁶ 19,350	9,056	14,988	6,837
26543 71	Meat boards, prepackaging trays and food trays.....	115,146	49,529	61,847	28,269
26543 98	Other, including tablecloths, etc.....	25,988	13,813	35,698	17,313
26540 00	Sanitary food containers, n.s.k.....	⁵ 3,032	1,592	(X)	(X)
2655- --	FIBER CANS, TUBES, DRUMS, AND SIMILAR PRODUCTS.....	(X)	302,062	(X)	189,184
26551 51	Paperboard fiber drums with metal, wood, or paperboard ends.....	99,702	61,960	100,180	55,300
26552 --	Fiber cans, tubes, and other fiber products.....	(X)	236,929	(X)	133,884
26552 11	Vulcanized fiber boxes.....	6,738	3,558	(X)	4,070
26552 23	Cans, all fiber bodies, with metal ends.....	61,077	39,835	107,958	60,530
26552 25	Cans, bodies with combinations of fiber and aluminum foil with metal ends.....	(NA)	65,700		
26552 26	Cans, bodies with combinations of fiber and plastic (or other materials except aluminum foil, with metal ends).....	(NA)	8,612		
26552 27	Cans, bodies all fiber and combination constructions with at least one end other than metal.....	16,110	9,236		
26552 31	Cores and tubes.....	301,737	67,885	162,931	42,047
26552 71	Paperboard cones, reels, spools, bobbins, and blocks.....	46,272	17,683	34,313	13,566
26552 98	Other vulcanized fiber products, (cans, tubes, drums, etc.).....	24,765	22,996	(X)	13,671
26552 00	Fiber cans, tubes, and other fiber products, n.s.k.....	(X)	1,424	(X)	(X)
26550 00	Fiber cans, tubes, drums, and similar products, n.s.k.....	(X)	3,173	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Establishments engaged in the manufacture of containers and boxes for their own consumption in the manufacture (e.g., packaging) of other products at the same location were not requested to report the value of such products nor the consumption of paper and paperboard in their manufacture, unless a separate container plant was recognized in the bookkeeping records of the company. The quantity columns show the quantity of paper and paperboard consumed during the year in the manufacture of paperboard containers and boxes.

²Data may include an unknown amount of butter, margarine, and frozen food containers (product codes 2654341 and 2654351).

³An attempt was made to obtain quantity of board consumed and value of shipments by specific end-use, with an additional line to accommodate those manufacturers who could not report the end-use distribution. Because of the large part of the total that was not reported by end-use, the end-use data for folding paperboard boxes and corrugated and solid fiber boxes could not be shown.

⁴Of this total \$11,250 thousand was reported by small establishments who were unable to report their quantity of paper and board consumed for their shipments of set-up boxes. Therefore, the quantity of set-up boxes contains 28,180 tons estimated for these small producers.

⁵Estimated.

⁶Partially estimated.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
265--	Paperboard containers and boxes.....1963..	150	107
	.....1958..	113	110
2651-	Folding paperboard boxes.....1963..	148	110
	.....1958..	114	114
2652-	Set-up paperboard boxes.....1963..	107	96
	.....1958..	102	101
2653-	Corrugated and solid fiber boxes.....1963..	152	107
	.....1958..	112	112
2654-	Sanitary food containers.....1963..	158	111
	.....1958..	123	107
26541	Milk and other beverage cartons.....1963..	168	115
	.....1958..	131	103
26542	Cup and liquid-tight food containers.....1963..	160	109
	.....1958..	124	108
26543	Other sanitary food containers, boards and trays, including frozen food, butter, oleo, etc.....1963..	148	108
	.....1958..	116	109
2655-	Fiber cans, tubes, drums, and similar products.....1963..	171	105
	.....1958..	107	106
26551	Paperboard fiber drums with metal, wood, or paperboard ends.....1963..	109	139
	.....1958..	109	124
26552	Fiber cans, tubes, and other fiber products.....1963..	196	96
	.....1958..	107	99

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
26510	Folding paperboard boxes and cartons (except ice cream, butter, margarine, frozen food, etc.):								
	Quantity.....short tons..	3,006,480	(NA)	(NA)	(NA)	(NA)	2,502,403	2,186,622	1,874,078
	Value.....\$1,000..	² 1,025,983	911,587	878,685	866,354	855,541	815,362	625,374	400,755
26520	Set-up paperboard boxes:								
	Quantity.....short tons..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	497,684	567,951
	Value.....\$1,000..	232,282	237,088	236,467	231,017	235,334	225,897	220,290	210,578
26530	Corrugated and solid-fiber boxes, including pallets ³ :								
	Quantity.....short tons..	9,933,164	(NA)	(NA)	(NA)	(NA)	7,268,030	6,235,592	4,632,730
	Value.....\$1,000..	2,136,228	2,107,232	1,891,809	1,864,285	1,863,198	1,627,555	1,260,073	835,194
2654-	Sanitary food containers:								
	Quantity.....short tons..	1,630,659	(NA)	(NA)	(NA)	(NA)	(NA)	1,022,177	391,837
	Value.....\$1,000..	854,729	838,146	773,413	726,071	700,776	642,491	488,257	160,140
26541	Milk and other beverage cartons:								
	Quantity.....short tons..	668,324	620,042	563,415	532,391	532,668	520,208	397,721	106,362
	Value.....\$1,000..	284,777	256,282	220,468	212,388	213,586	199,294	147,527	34,846
26542	Cups and liquid-tight food containers:								
	Quantity.....short tons..	393,178	365,093	356,445	335,969	314,695	304,442	246,061	152,944
	Value.....\$1,000..	300,017	299,838	287,372	266,674	247,124	230,481	172,243	73,490
26543	Other sanitary food containers, boards and trays, including frozen food, butter, oleo, etc.:								
	Quantity.....short tons..	566,125	(NA)	(NA)	(NA)	(NA)	(NA)	378,395	132,531
	Value.....\$1,000..	268,343	282,026	265,573	247,009	240,066	212,716	168,487	51,804
26540	Sanitary food containers, n.s.k.:								
	Quantity.....short tons..	3,032	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Value.....\$1,000..	1,592	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2655-	Fiber cans, tubes, drums, etc.....do....	302,062	239,522	209,498	197,731	204,153	189,184	167,844	190,112
26551	Paperboard and other fiber drums.....do....	61,960	69,416	61,638	61,272	62,980	55,300	41,008	11,217
26552	Fiber cans, tubes, and other fiber products.....do....	236,929	170,106	147,860	136,459	141,173	133,884	126,836	97,895
26550	Fiber cans, tubes, drums, etc., n.s.k.....do....	3,173	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Data may include for 1963 as well as earlier years an unknown amount of butter, margarine, frozen food containers.

³Data prior to 1963 excludes Alaska and Hawaii to avoid disclosing individual company figures.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
FOLDING PAPERBOARD BOXES AND CARTONS (EXCEPT ICE CREAM, BUTTER, MARGARINE, FROZEN FOOD, ETC.) (26510)			SET-UP PAPERBOARD BOXES (26520)—Continued			CORRUGATED AND SOLID FIBER BOXES, INCLUDING PALLETES (26530)—Continued		
United States, total....	1,025,983	815,362	South Atlantic.....	24,477	22,156	Pacific.....	259,118	184,885
New England.....	105,097	92,895	Virginia.....	3,534	2,841	Washington.....	35,426	24,791
Massachusetts.....	54,320	44,447	North Carolina.....	9,312	9,177	California.....	211,711	152,564
Rhode Island.....	2,441	1,377	South Carolina.....	2,726	1,374			
Connecticut.....	43,469	46,791	Georgia.....	2,639	2,348	MILK AND OTHER BEVERAGE CARTONS (26541)		
Middle Atlantic.....	263,772	224,485	Florida.....	3,520	4,062	United States, total...	284,777	199,294
New York.....	126,905	102,966	East South Central.....	8,668	5,438	Northeast.....	76,259	63,171
New Jersey.....	55,518	49,683	Tennessee.....	5,251	2,643	New Jersey.....	24,765	(²)
Pennsylvania.....	81,349	71,836	Alabama.....	1,897	1,788	East North Central.....	53,108	30,844
East North Central.....	313,924	263,431	West South Central.....	3,904	3,314	Illinois.....	13,757	(²)
Ohio.....	96,877	77,342	Texas.....	2,940	2,172	West North Central.....	42,358	20,538
Indiana.....	35,723	30,349	Mountain.....	1,356	1,244	South.....	60,732	44,795
Illinois.....	108,792	90,286	Pacific.....	15,232	11,153	Texas.....	13,300	11,212
Michigan.....	49,637	43,300	Washington.....	1,290	(²)	West.....	52,320	39,946
Wisconsin.....	22,895	22,154	California.....	13,398	9,806	California.....	43,466	(²)
West North Central.....	53,042	40,629	CORRUGATED AND SOLID FIBER BOXES, INCLUDING PALLETES (26530)			CUPS AND LIQUID-TIGHT FOOD CONTAINERS (26542)		
Minnesota.....	20,975	17,349	United States, total...	2,136,228	1,627,555	United States, total...	300,017	230,481
Missouri.....	21,920	20,997	New England.....	121,103	89,830	New England.....	10,290	10,363
South Atlantic.....	129,495	89,759	Maine.....	4,681	(²)	Middle Atlantic.....	70,779	68,828
Maryland.....	35,060	35,685	Massachusetts.....	87,414	68,527	New York.....	18,580	(²)
Virginia.....	20,036	13,535	Rhode Island.....	1,810	(²)	North Central.....	103,174	72,242
North Carolina.....	24,666	11,533	Connecticut.....	21,901	14,346	Illinois.....	29,334	13,957
Georgia.....	38,190	(²)	Middle Atlantic.....	473,478	377,810	South.....	84,068	(²)
Florida.....	10,072	(²)	New York.....	166,220	137,839	Pacific.....	31,706	(²)
East South Central.....	20,157	14,853	New Jersey.....	159,701	138,779	California.....	31,706	22,635
Kentucky.....	5,386	(²)	Pennsylvania.....	147,557	101,192	OTHER SANITARY FOOD CONTAINERS, BOARDS AND TRAYS (INCLUDING FROZEN FOOD, BUTTER, OLEO, ETC.) (26543)		
Tennessee.....	11,235	10,206	East North Central.....	678,936	536,264	United States, total...	268,343	212,716
West South Central.....	45,123	19,971	Ohio.....	180,596	141,319	New England.....	17,466	17,272
Louisiana.....	8,569	3,190	Indiana.....	79,170	69,000	Middle Atlantic.....	39,564	38,186
Texas.....	29,833	15,650	Illinois.....	230,046	168,389	New York.....	17,084	26,539
Mountain.....	3,115	2,244	Michigan.....	101,543	76,840	New Jersey.....	4,676	1,857
Pacific.....	92,258	67,095	Wisconsin.....	87,581	80,716	Pennsylvania.....	17,804	9,790
Washington.....	4,821	3,659	West North Central.....	149,163	115,778	East North Central.....	116,821	98,132
California.....	83,729	59,617	Minnesota.....	45,705	26,127	Ohio.....	8,704	6,223
SET-UP PAPERBOARD BOXES (26520)			Iowa.....	26,948	31,977	Illinois.....	13,451	13,239
United States, total....	232,282	225,897	Missouri.....	39,373	30,257	West North Central.....	13,743	5,898
New England.....	41,531	45,876	Kansas.....	27,359	21,407	Missouri.....	7,069	(²)
New Hampshire.....	1,957	(²)	South Atlantic.....	238,104	174,319	South Atlantic.....	30,050	(²)
Massachusetts.....	29,787	33,670	Maryland.....	32,106	30,214	Maryland.....	10,088	(²)
Rhode Island.....	3,989	3,822	Virginia.....	27,272	19,121	Virginia.....	2,270	(²)
Connecticut.....	4,649	6,609	North Carolina.....	44,127	27,056	Florida.....	2,025	(²)
Middle Atlantic.....	94,649	93,710	South Carolina.....	17,496	(²)	East South Central.....	2,770	(²)
New York.....	55,569	55,992	Georgia.....	61,076	49,335	West South Central.....	5,775	(²)
New Jersey.....	11,775	11,820	Florida.....	43,255	27,339	Mountain.....	18,017	11,343
Pennsylvania.....	27,305	25,898	East South Central.....	80,191	44,050	Colorado.....	10,644	(²)
East North Central.....	32,293	31,722	Kentucky.....	23,030	13,521			
Ohio.....	5,394	7,169	Tennessee.....	39,012	22,238			
Indiana.....	4,544	1,373	Alabama.....	9,332	(²)			
Illinois.....	13,307	15,728	Mississippi.....	8,817	(²)			
Michigan.....	5,280	3,478	West South Central.....	118,118	93,276			
Wisconsin.....	3,768	3,974	Louisiana.....	44,767	41,847			
West North Central.....	10,172	11,284	Texas.....	50,080	34,935			
Minnesota.....	2,809	2,444	Mountain.....	18,017	11,343			
Missouri.....	4,534	6,125	Colorado.....	10,644	(²)			

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
OTHER SANITARY FOOD CONTAINERS, BOARDS AND TRAYS (INCLUDING FROZEN FOOD, BUTTER, OLEO, ETC.) (26543)—Continued			FIBER CANS, TUBES, AND OTHER FIBER PRODUCTS (26552)—Continued			FIBER CANS, TUBES, AND OTHER FIBER PRODUCTS (26552)—Continued		
West.....	42,154	(²)	Middle Atlantic.....	59,766	34,658	South Atlantic.....	52,892	26,456
California.....	33,257	28,803	New York.....	17,176	13,657	Virginia.....	1,420	(²)
			New Jersey.....	22,819	11,051	North Carolina.....	3,158	(²)
			Pennsylvania.....	19,771	9,950	Georgia.....	9,166	3,750
						Florida.....	5,286	(²)
FIBER CANS, TUBES, AND OTHER FIBER PRODUCTS (26552)			East North Central.....	47,524	27,240	East South Central.....	8,018	8,412
United States, total....	236,929	133,884	Ohio.....	13,718	8,081	West South Central.....	19,365	5,571
New England.....	12,674	9,581	Indiana.....	13,683	3,320	Texas.....	12,197	3,345
Massachusetts.....	5,465	3,102	Illinois.....	11,516	10,064	West.....	18,958	(²)
			Michigan.....	4,006	1,971	California.....	16,015	5,808
			Wisconsin.....	4,601	3,804			
			West North Central.....	17,732	15,469			

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 26510, New Hampshire, Iowa, Alabama, Arkansas, Oklahoma, Colorado, and Oregon; 26520, Maine, Kansas and Maryland; 26530, New Hampshire, Vermont, South Dakota, Nebraska, West Virginia, Arkansas, Oklahoma, Arizona, Utah, Oregon, and Hawaii; 26541, Massachusetts, New York, Pennsylvania, Ohio, Indiana, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Maryland, North Carolina, Georgia, Florida, Kentucky, Louisiana, Colorado, and Washington; 26542, Massachusetts, Rhode Island, New Jersey, Pennsylvania, Michigan, Wisconsin, Missouri, Kansas, Maryland, South Carolina, Georgia, Kentucky, Arkansas, and Texas; 26543, Maine, Vermont, Massachusetts, Indiana, Michigan, Wisconsin, Minnesota, Iowa, Delaware, North Carolina, South Carolina, Georgia, Kentucky, Arkansas, Texas, Idaho, Washington, and Oregon; 26552, New Hampshire, Rhode Island, Connecticut, Minnesota, Missouri, Kansas, Delaware, Maryland, District of Columbia, South Carolina, Tennessee, Alabama, Arkansas, Louisiana, Oklahoma, and Oregon.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2651.—FOLDING PAPERBOARD BOXES			
	Materials, and supplies, total.....		(X)	580,030	(X)	483,506
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	2,263	662	158,259	116,042
262106	Purchased (market) paper.....	do.....	42,771	15,547		
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	do.....	1,657,889	234,591	1,284,174	175,135
263103	Purchased (market) paperboard.....	do.....	1,368,157	200,061	1,385,261	201,037
282130	Thermoplastic resins (cellulosics, polyethylenes, styrene, vinyl, etc.).....	1,000 lbs. dry basis.....	(D)	(D)	(X)	(X)
291106	Petroleum wax.....	1,000 lbs.....	18,860	1,702	12,304	1,422
335231	Aluminum foil.....	do.....	59,409	1,081	(X)	(X)
335203	Aluminum sheet and plate.....	do.....	(D)	(D)	(X)	(X)
289301	Printing inks.....	do.....	29,990	25,731	(X)	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	98,492	(X)	289,870
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES					
	Paper, total.....	Short tons.....	45,034	16,209	58,259	16,042
413	Paper-machine coated.....	do.....	29,671	10,457	28,658	9,645
424	Book and fine (uncoated).....	do.....	6,792	2,829	6,242	2,373
416	Coarse (bag, wrapping, sack, glassine, etc.).....	do.....	5,390	1,863	(D)	(D)
417	Special industrial.....	do.....	(D)	(D)	4,689	1,720
425	Other paper.....	do.....	(D)	(D)	(D)	(D)
	Paperboard, total.....	do.....	3,026,046	434,652	2,669,435	376,172
431	Container board.....	do.....	346,557	43,845	504,098	58,430
435	Special food board.....	do.....	155,159	28,641	190,784	35,476
432	Folding boxboard, except special food board.....	do.....	2,456,309	355,346	1,869,854	269,726
433	Set-up boxboard.....	do.....	60,627	5,849	89,227	9,685
434	Special paperboard and cardboard.....	do.....	7,394	971	15,472	2,855
			INDUSTRY 2652.—SET-UP PAPERBOARD BOXES			
	Materials and supplies, total.....		(X)	90,678	(X)	89,074
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	867	268	3,311	495
262106	Purchased (market) paper.....	do.....	50,011	16,976	38,225	13,255
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	do.....	54,100	5,667	23,485	2,555
263103	Purchased (market) paperboard.....	do.....	338,836	37,817	409,312	49,318
282130	Thermoplastic resins (cellulosics, polyethylenes, styrene, vinyl, etc.).....	1,000 lbs. dry basis.....	6,772	1,148	(X)	(X)
291106	Petroleum wax.....	1,000 lbs.....	-	-	(D)	(D)
335231	Aluminum foil.....	do.....	(D)	(D)	(X)	(X)
335203	Aluminum sheet and plate.....	do.....	-	(D)	(X)	(X)
289201	Printing inks.....	do.....	611	641	(X)	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	28,161	(X)	323,451
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES					
	Paper, total.....	Short tons.....	50,878	17,244	41,536	13,750
413	Paper-machine coated.....	do.....	26,787	10,165	14,897	6,240
424	Book and fine (uncoated).....	do.....	10,082	3,507	14,506	5,266
416	Coarse (bag, wrapping, sack, glassine, etc.).....	do.....	3,300	870	4,302	987
417	Special industrial.....	do.....	1,027	516	914	282
425	Other paper.....	do.....	9,682	2,186	6,917	975
	Paperboard, total.....	do.....	392,936	43,484	424,661	50,929
431	Container board.....	do.....	5,960	1,199	20,720	2,800
435	Special food board.....	do.....	945	190	1,924	197
432	Folding boxboard, except special food board.....	do.....	21,452	2,985	43,470	5,446
433	Set-up boxboard.....	do.....	362,060	38,814	342,117	40,249
434	Special paperboard and cardboard.....	do.....	2,519	296	16,430	2,237

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2653.—CORRUGATED SHIPPING CONTAINERS			
	Materials and supplies, total.....		(X)	1,323,686	(X)	1,010,722
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	255	86	154,922	¹ 19,729
262106	Purchased (market) paper.....	...do.....	13,535	1,999	231,709	¹ 36,756
	Paperboard:					
263102	Own paperboard produced at this location or at other affiliated or associated mills.....	...do.....	5,265,478	643,904	2,842,617	⁴ 349,988
263103	Purchased (market) paperboard.....	...do.....	4,284,567	527,521	3,545,731	⁴ 480,022
282130	Thermoplastic resins (cellulosics, polyethylenes, styrene, vinyl, etc.)	1,000 lbs. dry basis.....	5,105	559	(X)	(X)
291106	Petroleum wax.....	1,000 lbs.....	19,169	1,638	3,729	403
335231	Aluminum foil.....	...do.....	(D)	(D)	(X)	(X)
335203	Aluminum sheet and plate.....	...do.....	(D)	(D)	(X)	(X)
289301	Printing inks.....	...do.....	15,374	11,052	(X)	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	136,927	(X)	⁵ 123,824
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES					
	Paper, total.....	Short tons.....	13,790	2,085	72,561	12,878
413	Paper-machine coated.....	...do.....	2,061	406	467	146
424	Book and fine (uncoated).....	...do.....	2,452	530	4,307	1,119
416	Coarse (bag, wrapping, sack, glassine, etc.).....	...do.....	698	379	39,079	7,650
417	Special industrial.....	...do.....	8,579	770	10,238	1,290
425	Other paper.....	...do.....			18,470	2,663
	Paperboard, total.....	...do.....	9,550,045	1,171,425	6,587,194	838,088
431	Container board.....	...do.....	9,364,513	1,150,358	6,437,936	820,446
435	Special food board.....	...do.....	12,302	2,566	11,524	1,745
432	Folding boxboard, except special food board.....	...do.....	90,037	10,287	88,084	10,589
433	Set-up boxboard.....	...do.....	11,781	1,019	30,809	2,959
434	Special paperboard and cardboard.....	...do.....	71,412	7,195	18,841	2,349
			INDUSTRY 2654.—SANITARY FOOD CONTAINERS			
	Materials and supplies, total.....		(X)	470,953	(X)	346,216
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	17,456	2,989	8,524	1,855
262106	Purchased (market) paper.....	...do.....	69,467	18,384	48,729	12,629
	Paperboard:					
263102	Own paperboard produced at this location or at other affiliated or associated mills.....	...do.....	1,060,846	236,602	579,467	105,916
263103	Purchased (market) paperboard.....	...do.....	557,435	113,356	666,865	132,978
282130	Thermoplastic resins (cellulosics, polyethylenes, styrene, vinyl, etc.)	1,000 lbs. dry basis.....	16,654	6,087	(X)	(X)
291106	Petroleum wax.....	1,000 lbs.....	222,493	17,397	221,892	20,160
335231	Aluminum foil.....	...do.....	(D)	(D)	(X)	(X)
335203	Aluminum sheet and plate.....	...do.....	(D)	(D)	(X)	(X)
289301	Printing inks.....	...do.....	12,728	10,599	(X)	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	65,539	(X)	⁶ 72,678
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES					
	Paper, total.....	Short tons.....	86,923	21,373	57,253	14,484
413	Paper-machine coated.....	...do.....	9,445	3,356	1,242	430
424	Book and fine (uncoated).....	...do.....	4,625	1,328	15,951	5,271
416	Coarse (bag, wrapping, sack, glassine, etc.).....	...do.....	42,605	8,988	34,248	7,366
417	Special industrial.....	...do.....	7,822	2,457		
425	Other paper.....	...do.....	22,426	5,244	5,812	1,417
	Paperboard, total.....	...do.....	1,618,281	349,958	1,246,332	238,894
431	Container board.....	...do.....	100,560	19,220	9,559	1,666
435	Special food board.....	...do.....	1,375,234	302,493	1,110,286	217,234
432	Folding boxboard, except special food board.....	...do.....	129,210	25,705	113,927	17,969
433	Set-up boxboard.....	...do.....	13,277	2,504	12,560	2,025
434	Special paperboard and cardboard.....	...do.....				

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2655.—FIBER CANS, TUBES, DRUMS, ETC.			
	Materials and supplies, total.....	.....	(X)	128,894	(X)	81,479
	Paper:					
262105	Own paper, produced at this location or at other affiliated or associated mills.....	Short tons.....	10,044	1,208	14,544	4,602
262106	Purchased (market) paper.....	...do.....	43,517	7,087		
	Paperboard:					
263102	Own paperboard, produced at this location or at other affiliated or associated mills.....	...do.....	230,606	19,782	151,562	14,624
263103	Purchased (market) paperboard.....	...do.....	246,802	28,889	185,090	24,742
282130	Thermoplastic resins.....	1,000 lbs. dry basis.....	3,353	687	(X)	(X)
291106	Petroleum wax.....	1,000 lbs.....	27,180	332	2,619	275
335231	Aluminum foil.....	...do.....	197,167	6,530	(X)	(X)
335203	Aluminum sheet and plate.....	...do.....	88,763	5,373	(X)	(X)
289301	Printing inks.....	...do.....	225	219	(X)	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	(X)	58,787	(X)	737,236
	CONSUMPTION OF PAPER AND PAPERBOARD, BY MAJOR GRADES					
	Paper, total.....	Short tons.....	53,561	8,295	14,544	4,602
413	Paper-machine coated.....	...do.....	1,262	394	1,158	298
424	Book and fine (uncoated).....	...do.....	830	293	881	256
416	Coarse (bag, wrapping, sack, glassine, etc.).....	...do.....	11,240	1,574	557	130
417	Special industrial.....	...do.....	7,870	1,744	6,038	1,979
425	Other paper.....	...do.....	32,359	4,290	5,910	1,939
	Paperboard, total.....	...do.....	477,408	48,671	336,652	39,366
431	Container board.....	...do.....	51,847	5,671	21,986	2,136
435	Special food board.....	...do.....	2,180	407	1,328	188
432	Folding boxboard, except special food board.....	...do.....	5,753	737	9,680	1,303
433	Set-up boxboard.....	...do.....	7,801	802	7,734	831
434	Special paperboard and cardboard.....	...do.....	409,827	41,054	295,924	34,908

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes a small amount (less than \$500,000) of "own paper", the exact figure is withheld to avoid disclosing individual company figures.

²Includes 27,662,000 pounds with a delivered cost of \$2,269,000 of plastic sheet and film (cellophane, polyethylene, etc.).

³Includes 14,526,000 pounds with a delivered cost of \$667,000 of plastic sheet and film (cellophane, polyethylene, etc.).

⁴The 1958 data for paper and paperboard consumed are not directly comparable with 1963, since an undeterminable amount of paperboard was reported as paper consumed.

⁵Includes 336,000 pounds with a delivered cost of \$190,000 of plastic sheet and film (cellophane, polyethylene, etc.).

⁶Includes 5,327,000 pounds with a delivered cost of \$3,048,000 of plastic sheet and film (cellophane, polyethylene, etc.).

⁷Includes 845,000 pounds with a delivered cost of \$318,000 of plastic sheet and film (cellophane, polyethylene, etc.).

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Folding paperboard boxes (SIC 2651)	Set-up paperboard boxes (SIC 2652)	Corrugated shipping containers (SIC 2653)	Sanitary food containers (SIC 2654)	Fiber cans, tubes, drums, etc. (SIC 2655)
Total cost of purchased fuels and electric energy.....\$1,000..	6,744	2,032	19,746	7,472	2,089
Total cost of purchased fuels.....do....	2,240	670	10,996	2,790	937
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	35	(S)	73	22	33
Cost.....\$1,000..	137	(S)	669	218	273
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	237	60	1,665	212	127
Cost.....\$1,000..	850	240	5,167	661	403
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	1,278	153	7,047	3,343	378
Cost.....\$1,000..	653	114	3,792	1,645	237
Other fuels.....do....	600	241	1,368	266	(S)
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	315	66	586	388	69
Cost.....\$1,000..	4,504	1,362	8,750	4,682	1,152
Generated less sold.....million kw.-hrs..	9	-	12	87	137
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	171	33	490	170	75
Prime movers, total.....do....	25	(Z)	102	49	45
Driving generators.....do....	11	(Z)	32	39	41
Not driving generators.....do....	14	(Z)	70	10	4
Electric motors, total.....do....	147	33	392	136	43
Driven by purchased energy.....do....	145	33	388	122	30
Driven by energy generated at establishment.....do....	2	-	4	15	13
Aggregate horsepower per 100 production workers.....	464	190	769	658	736

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2651-	FOLDING PAPERBOARD BOXES										
	Entire industry.....	636	51,291	288,841	41,451	85,550	206,654	476,866	605,672	1,081,147	36,008
	Establishments with—										
	90% or more specialization..	489	31,209	172,649	25,537	52,448	124,414	290,180	355,481	643,729	24,794
	75-89% specialization.....	42	6,910	39,526	5,442	11,390	27,747	66,272	87,022	153,866	3,000
2652-	SET-UP PAPERBOARD BOXES										
	Entire industry.....	503	20,459	82,229	17,659	34,523	61,534	131,688	95,475	225,794	5,049
	Establishments with—										
	90% or more specialization..	427	16,121	64,627	14,026	27,388	48,637	102,384	77,157	178,593	3,787
	75-89% specialization.....	18	934	3,728	808	1,530	2,855	6,232	3,771	9,961	288
2653-	CORRUGATED SHIPPING CONTAINERS										
	Entire industry.....	923	83,229	485,594	62,800	132,289	323,829	804,012	1,367,723	2,166,137	54,094
	Establishments with—										
	90% or more specialization..	861	77,972	457,493	58,597	123,441	303,511	759,882	1,289,247	2,044,160	51,171
	75-89% specialization.....	13	936	5,435	722	1,487	3,397	8,984	13,984	22,746	476
2654-	SANITARY FOOD CONTAINERS										
	Entire industry.....	186	32,879	182,745	25,935	53,448	129,247	402,211	513,050	905,931	37,901
	Establishments with—										
	90% or more specialization..	138	21,196	115,504	17,448	36,285	87,161	296,138	389,373	676,968	24,941
	75-89% specialization.....	17	5,914	33,789	4,105	7,951	19,223	52,173	52,151	103,997	7,660
26541	Milk and other beverage cartons (primary product class of estab.)	54	8,429	50,500	6,787	13,676	37,137	99,515	209,977	309,681	8,749
26542	Cups and liquid-tight food containers (primary product class of estab.).....	46	13,238	70,445	10,419	21,649	49,223	191,580	145,081	329,176	15,618
	Establishments with—										
	90% or more specialization....	33	8,307	42,615	6,828	14,067	31,473	122,705	87,170	203,879	9,588
26543	Other sanitary food containers, boards, and trays (including frozen food, butter, oleo, etc.) (primary product class of estab.)	78	11,081	61,106	8,619	17,927	42,364	110,874	156,156	265,383	13,377
	Establishments with—										
	90% or more specialization....	41	40,034	21,510	3,271	6,993	15,511	46,395	69,419	115,019	4,915
	75-89% specialization.....	11	1,269	6,370	974	1,788	4,223	12,522	17,119	28,882	4,060
2655-	FIBER CANS, TUBES, DRUMS, ETC.										
	Entire industry.....	246	13,188	67,488	11,221	22,816	50,275	126,196	134,220	260,257	7,689
	Establishments with—										
	90% or more specialization..	223	11,361	58,745	9,652	19,717	43,818	109,336	114,758	224,016	6,435
	75-89% specialization.....	8	562	2,523	495	985	2,029	3,976	4,463	8,478	184
26552	Fiber cans, tubes, and other fiber products (primary product class of estab.).....	186	10,764	53,323	9,042	18,115	37,936	97,615	100,301	197,763	6,887
	Establishments with—										
	90% or more specialization....	165	8,994	44,921	7,571	15,272	32,067	82,840	84,725	167,245	6,143
	75-89% specialization.....	9	646	2,891	526	1,017	2,027	3,957	3,551	7,603	220

TABLE 9. **Printing Activity in Paperboard Containers Industries, by Geographic Areas: 1963**

Code	Item	Number of establishments reporting printing activity	Number of production workers engaged in printing	Number of printing presses operated, by type of press						
				Letterpress	Lithographic	Gravure	Flexographic	Screen	Engraving	Other ¹
2651	Containers and boxes industries, total.....	1,150	19,468	3,717	559	118	555	44	31	1,308
	Folding paperboard boxes: United States, total.....	348	8,831	1,912	258	77	70	4	9	152
	New England.....	49	1,040	275	28	5	2	2	3	14
	Middle Atlantic.....	85	2,443	514	76	17	14	1	-	57
	East North Central.....	92	2,931	590	65	25	15	-	3	45
	West North Central.....	18	292	79	21	3	4	1	-	5
	South Atlantic.....	32	1,281	156	29	16	13	-	3	14
	East South Central.....	12	132	44	3	3	2	-	-	3
	West South Central.....	19	179	72	9	2	-	-	-	6
	Mountain.....	3	29	23	-	-	1	-	-	-
	Pacific.....	38	504	159	27	6	19	-	-	8
2652	Set-up paperboard boxes: United States, total.....	131	660	476	57	4	10	1	9	66
	New England.....	20	126	76	13	4	3	-	-	25
	Middle Atlantic.....	50	184	161	12	-	3	1	4	28
	East North Central.....	25	159	107	9	-	2	-	5	7
	West North Central.....	8	51	39	14	-	1	-	-	-
	South Atlantic.....	13	94	43	3	-	-	-	-	2
	East South Central.....	2	(D)	6	-	-	1	-	-	1
	West South Central.....	2	(D)	-	4	-	-	-	-	-
	Mountain.....	3	11	15	1	-	-	-	-	1
	Pacific.....	8	28	29	1	-	-	-	-	2
2653	Corrugated shipping containers: United States, total.....	510	6,947	997	66	4	96	-	6	984
	New England.....	34	421	45	-	-	-	-	-	59
	Middle Atlantic.....	101	1,515	547	14	1	29	-	-	184
	East North Central.....	159	2,119	175	23	-	20	-	3	315
	West North Central.....	44	505	66	2	-	1	-	2	66
	South Atlantic.....	63	892	45	10	3	13	-	-	142
	East South Central.....	20	333	21	3	-	-	-	1	46
	West South Central.....	27	379	35	5	-	13	-	-	35
	Mountain.....	7	43	6	-	-	2	-	-	5
	Pacific.....	55	740	57	9	-	18	-	-	132
2654	Sanitary food containers: United States, total.....	112	2,892	318	175	33	359	-	7	68
	New England.....	9	97	12	2	1	35	-	-	7
	Middle Atlantic.....	19	582	64	69	5	68	-	7	26
	East North Central.....	22	634	43	24	2	85	-	-	8
	West North Central.....	9	459	30	32	8	59	-	-	-
	South Atlantic.....	21	532	87	19	12	40	-	-	17
	East South Central.....	5	(D)	10	2	1	9	-	-	10
	West South Central.....	5	132	28	-	3	24	-	-	-
	Mountain.....	2	(D)	2	-	-	4	-	-	-
	Pacific.....	20	372	42	27	1	35	-	-	-
2655	Fiber cans, tubes, drums, etc.: United States, total.....	49	138	14	3	-	20	39	-	38
	New England.....	7	10	3	-	-	3	4	-	2
	Middle Atlantic.....	16	52	9	-	-	3	18	-	14
	East North Central.....	13	34	-	1	-	6	7	-	7
	West North Central.....	3	8	-	-	-	-	5	-	-
	South Atlantic.....	3	18	-	1	-	3	-	-	15
	East South Central.....	1	(D)	2	1	-	1	1	-	-
	West South Central.....	4	8	-	-	-	3	3	-	-
	Mountain.....	-	-	-	-	-	-	-	-	-
	Pacific.....	2	(D)	-	-	-	1	1	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Consists principally of slotter-printer equipment.

Printing and Publishing

- 27A. Newspaper, periodicals, books and misc. printing
- 27B. Commercial printing and manifold business forms
- 27C. Greeting cards, bookbinding, and service industries

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in services industries, and textile printing and finishing in Major Group 22.

As in previous censuses, publishing, printing, and allied activities, other than those performed in government-owned and operated establishments, are included as manufacturing activities. As noted in the Introduction, this report does not incorporate any data reported by religious, social, charitable, educational, and other non-profit organizations whose employees are not covered under the Social Security system.

The term "publisher" is used to designate the person or organization by whom or in whose name newspapers, periodicals, and other publications are listed. In order to provide the fullest possible coverage of the publishing field in the

census of manufactures, a separate report was requested from each publishing establishment, whether or not any printing was done at the publishing location. All establishments engaged in publishing one or more newspapers (see text under Industry 2711, chapter 27A, for the definition of a "newspaper" used in the census of manufactures) are classified as newspaper publishers, without regard to the ratio of receipts from other activities (e.g., job printing) to their total receipts.

The degree of product specialization for this Major Group taken as a whole, as well as the coverage ratio, is very close to 100 percent. For most 4-digit industries in this group, these ratios are also relatively high; that is, they are generally in the 85 to 95 percent range. However, for the two principal commercial printing industries (Industries 2751 and 2752) and the book printing industry (Industry 2732), the degree of specialization in primary activity falls in the 75 to 85 percent brackets. These lower specialization ratios reflect the tendency for printers to diversify their operations with respect not only to products or kinds of printing services performed but also to the printing processes employed.

PRINTING AND PUBLISHING: MAJOR GROUP 27

Value Added by Manufacture by State: 1963

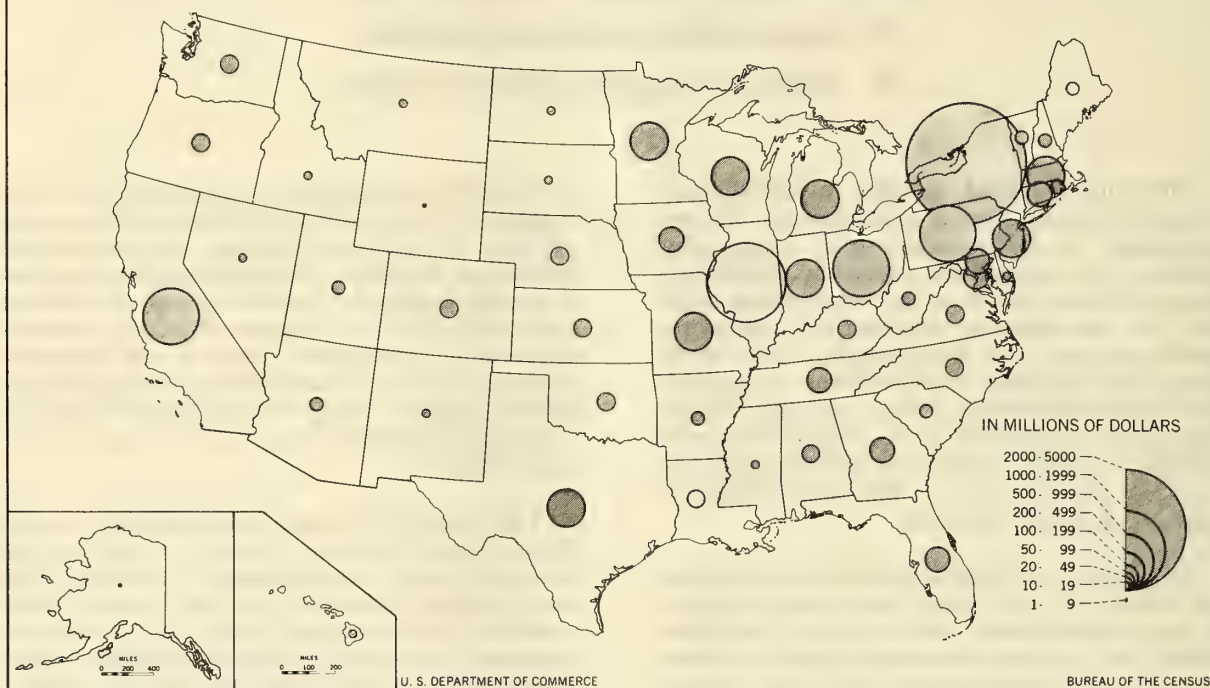


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted ²	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963	38 394	7 323	925 093	5 611 539	559 843	1 083 179	3 190 988	10 476 433	5 777 279	16 165 744	463 904
1958	35 636	6 933	871 725	4 533 889	530 563	997 818	2 595 691	7 973 195	(NA)	12 589 037	421 547
1954	(NA)	(NA)	808 945	3 650 757	499 191	960 515	2 112 240	6 403 088	(NA)	(NA)	236 897
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963	304	108	11 350	96 723	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1958	179	74	7 118	44 644	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1954	(NA)	(NA)	5 463	31 278	(x)	(x)	(x)	(x)	(x)	(x)	(x)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	38 090	7 215	913 243	5 514 816	559 843	1 083 179	3 190 988	10 476 433	5 777 279	16 165 744	463 904
1958	35 457	6 859	864 607	4 449 245	530 563	997 818	2 595 691	7 973 195	(NA)	12 589 037	421 547
1954	32 530	6 054	803 482	3 619 479	499 191	960 515	2 112 240	6 403 088	(NA)	(NA)	236 897
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁵	(NA)	(NA)	921 803	5 411 177	565 872	1 094 159	3 101 050	9 997 467	5 706 976	15 615 966	435 992
1961 ⁵	(NA)	(NA)	912 947	5 200 558	558 624	1 075 177	2 982 642	9 551 261	5 516 207	14 972 443	414 086
1960 ⁵	(NA)	(NA)	907 331	5 065 293	560 410	1 082 265	2 734 959	9 341 627	(NA)	(NA)	419 595
1959 ⁵	(NA)	(NA)	884 748	4 911 698	552 476	1 053 508	2 798 945	8 788 267	(NA)	(NA)	402 928
1957 ⁵	(NA)	(NA)	866 581	4 294 848	533 203	1 019 182	2 466 043	7 912 481	(NA)	(NA)	326 935
1956 ⁵	(NA)	(NA)	853 077	4 118 192	526 790	1 017 061	2 385 823	7 546 721	(NA)	(NA)	289 326
1955 ⁵	(NA)	(NA)	822 591	3 837 045	507 388	985 255	2 224 877	6 937 513	(NA)	(NA)	254 098
1953 ⁵	(NA)	(NA)	760 332	3 386 515	474 006	924 397	2 013 924	5 916 432	(NA)	(NA)	195 082
1952 ⁵	30 147	(NA)	772 801	3 267 367	471 348	999 179	1 908 702	5 660 124	(NA)	(NA)	188 759
1951 ⁵	29 704	(NA)	765 318	3 068 288	473 802	990 845	1 791 440	5 288 507	(NA)	(NA)	243 806
1950 ⁵	29 427	(NA)	762 716	2 908 857	471 723	1 019 047	1 702 341	4 906 834	(NA)	(NA)	244 396
1949 ⁵	(NA)	(NA)	756 233	2 743 997	461 517	993 869	1 569 112	4 658 892	(NA)	(NA)	254 098
1947	28 978	(NA)	715 120	2 276 262	437 880	888 254	1 317 573	4 248 773	(NA)	(NA)	226 368
1939 ⁵	24 878	(NA)	552 324	977 485	324 371	(NA)	493 444	1 765 314	(NA)	(NA)	(NA)
1937 ⁵	22 674	(NA)	554 963	951 360	350 952	(NA)	530 214	1 784 984	(NA)	(NA)	(NA)
1935	22 505	(NA)	472 458	791 699	302 643	(NA)	443 923	1 546 640	(NA)	(NA)	(NA)
1933 ¹⁰	19 216	(NA)	398 702	579 153	261 904	(NA)	353 227	1 245 328	(NA)	(NA)	(NA)
1931	24 664	(NA)	(NA)	(NA)	314 858	(NA)	535 120	1 767 976	(NA)	(NA)	(NA)
1929	27 364	(NA)	566 380	1 138 464	358 438	(NA)	636 375	2 233 209	(NA)	(NA)	(NA)
1927	25 275	(NA)	523 909	1 027 249	331 354	(NA)	589 217	1 936 069	(NA)	(NA)	(NA)
1925	23 646	(NA)	496 657	924 236	317 191	(NA)	544 200	1 757 124	(NA)	(NA)	(NA)
1923	22 897	(NA)	480 636	837 840	309 764	(NA)	494 395	1 527 106	(NA)	(NA)	(NA)
1921	22 559	(NA)	428 156	717 647	283 768	(NA)	435 655	1 305 794	(NA)	(NA)	(NA)
1919	33 262	(NA)	448 192	594 004	303 576	(NA)	352 277	1 091 039	(NA)	(NA)	(NA)
1914	34 241	(NA)	406 433	339 823	285 735	(NA)	207 025	626 926	(NA)	(NA)	(NA)
1909	32 137	(NA)	373 533	280 883	270 179	(NA)	173 478	518 925	(NA)	(NA)	(NA)
1904	28 369	(NA)	299 388	203 393	228 410	(NA)	133 404	423 919	(NA)	(NA)	(NA)
1899	24 363	(NA)	243 993	144 234	202 284	(NA)	103 782	299 708	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 through 1963 include data for employees of printing and publishing establishments who were engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²Value of products and receipts less cost of materials, supplies, fuel, electricity, and contract work, plus the net change in finished products and work-in-process inventories between the beginning and end of the year. For 1909 to 1933 cost of contract work was subtracted from value of products in calculating value added by manufacture only for the industries in which it was significant. For 1899 and 1904, cost of contract work was not subtracted from value of products for any industries. Value added by manufacture for 1909, calculated by the method used for 1899 and 1904, was \$555.5 million.

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵Similar data are shown for the years 1949 to 1953 in the annual survey of manufactures

volumes. Data for these establishments are not available for the years 1955 to 1957, 1959 to 1962 or prior to 1949.

⁶These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, consequently, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁷The establishments classified in the printing and publishing industries reported inventories for the first time in 1957. Therefore, the adjusted value added figures are not precisely comparable, in that the adjusted value added figure does not include the inventories adjustment.

⁸The figures for 1899 to 1939 include data for establishments primarily engaged in the manufacture of tags, which are classified in 1947 to 1954 in the pulp, paper and products industries.

⁹The figures for 1899 to 1937 include data for establishments primarily engaged in the manufacture of paper patterns, which are included for later years in the series for the pulp, paper and products industries.

¹⁰Establishments engaged solely in music publishing were not canvassed in 1933.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
27	PRINTING AND PUBLISHING, TOTAL . . .	38 090	7 215	913 243	5 514 816	559 843	1 083 179	3 190 988	10 476 433	463 904	864 607	7 973 195
	NORTHEAST	12 384	2 569	340 050	2 132 129	200 938	385 099	1 161 936	4 341 816	151 125	332 887	3 340 306
	NEW ENGLAND	2 416	542	70 251	396 437	45 641	89 180	247 448	711 177	33 935	62 473	517 828
	MAINE	148	19	2 337	11 127	1 458	2 740	6 325	20 500	748	2 151	15 646
	NEW HAMPSHIRE	148	30	3 732	19 953	2 641	5 178	12 981	30 279	1 436	3 108	22 921
	VERMONT	105	23	2 378	11 250	1 741	3 193	8 124	20 142	1 176	2 178	14 244
	MASSACHUSETTS	1 268	289	40 578	228 535	26 256	51 244	140 778	426 468	18 352	37 166	319 188
	RHODE ISLAND	187	34	3 910	23 028	2 623	5 027	14 743	38 383	2 597	3 640	29 784
	CONNECTICUT	560	147	17 316	102 544	10 922	21 798	64 497	175 405	9 626	14 230	116 045
	MIDDLE ATLANTIC	9 968	2 027	269 799	1 735 692	155 297	295 919	914 488	3 630 639	117 190	270 414	2 822 478
	NEW YORK	6 531	1 297	171 593	1 156 165	93 423	176 518	560 461	2 571 934	75 288	175 340	1 989 958
	NEW JERSEY	1 372	258	34 790	204 846	19 983	38 787	116 412	377 952	15 937	30 795	283 913
	PENNSYLVANIA	2 065	472	63 416	374 681	41 891	80 614	237 615	680 753	25 965	64 279	548 607
	NORTH CENTRAL	11 769	2 368	304 931	1 870 429	193 005	378 683	1 128 289	3 390 496	171 746	293 035	2 626 177
	EAST NORTH CENTRAL	7 973	1 730	226 645	1 442 776	145 305	286 974	879 827	2 630 337	133 374	219 268	2 024 177
	OHIO	1 880	448	58 720	365 563	38 647	77 686	227 286	662 216	40 852	57 874	523 888
	INDIANA	874	171	22 686	126 358	14 762	29 696	82 709	224 874	13 503	20 012	159 504
	ILLINOIS	2 891	693	95 476	646 998	60 830	118 801	386 402	1 197 739	53 837	92 878	918 520
	MICHIGAN	1 440	255	27 736	176 464	17 476	34 248	107 216	319 415	16 047	27 779	257 218
	WISCONSIN	888	163	22 027	127 393	13 590	26 543	76 214	226 093	9 135	20 687	165 821
	WEST NORTH CENTRAL	3 796	638	78 286	427 653	47 700	91 709	248 462	760 159	38 372	73 767	601 226
	MINNESOTA	860	157	21 879	126 105	13 139	24 646	70 795	206 341	9 330	20 556	164 441
	IOWA	663	88	12 036	64 234	6 869	13 477	35 683	128 225	4 772	11 228	103 593
	MISSOURI	1 103	237	27 643	157 701	16 648	32 154	91 508	286 952	14 362	26 584	221 090
	NORTH DAKOTA	132	17	1 340	6 522	916	1 667	4 462	11 065	674	1 230	8 977
	SOUTH DAKOTA	169	17	1 570	6 940	1 017	1 928	4 364	12 913	696	1 535	9 841
	NEBRASKA	356	46	5 483	28 043	3 469	6 947	17 026	50 734	3 101	5 058	40 861
	KANSAS	513	76	8 335	38 108	5 642	10 890	24 624	63 929	5 437	7 576	52 423
	SOUTH	8 036	1 336	159 085	842 492	99 288	196 360	497 635	1 536 828	91 355	141 426	1 129 244
	SOUTH ATLANTIC	3 852	709	83 509	457 177	51 265	101 233	261 304	825 322	52 312	72 977	584 962
	DELAWARE	60	13	1 348	8 606	869	1 656	5 416	14 127	910	1 276	10 688
	MARYLAND	494	123	14 709	86 636	9 871	19 789	54 541	146 070	10 024	11 943	99 138
	DISTRICT OF COLUMBIA	314	76	13 153	88 569	6 525	11 703	39 644	162 058	8 648	12 136	117 333
	VIRGINIA	478	82	10 643	53 074	7 329	14 258	34 094	91 315	5 635	9 618	66 234
	WEST VIRGINIA	185	24	3 439	15 802	1 998	5 073	9 349	38 603	1 159	3 677	25 057
	NORTH CAROLINA	555	110	10 152	48 762	6 732	13 217	29 442	85 829	5 089	8 825	62 663
	SOUTH CAROLINA	227	37	3 582	16 440	2 141	4 146	8 980	32 707	1 933	3 135	22 210
	GEORGIA	560	101	10 152	56 106	6 597	13 326	33 904	99 969	3 932	9 600	78 011
	FLORIDA	979	143	16 331	83 182	9 203	18 065	45 934	154 644	14 982	12 767	103 628
	EAST SOUTH CENTRAL	1 383	239	30 869	160 874	20 183	40 133	101 889	285 467	17 842	27 622	217 959
	KENTUCKY	375	68	8 835	49 646	6 263	12 174	32 968	77 815	5 453	7 982	61 572
	TENNESSEE	507	103	14 461	75 154	9 167	18 430	46 154	135 822	9 137	12 245	98 023
	ALABAMA	304	43	5 330	26 857	3 405	6 847	17 448	54 226	2 397	5 165	44 632
	MISSISSIPPI	197	25	2 243	9 217	1 348	2 682	5 319	17 604	855	2 230	13 732
	WEST SOUTH CENTRAL	2 801	388	44 707	224 441	27 840	54 994	134 442	426 039	21 201	40 827	326 323
	ARKANSAS	241	39	3 877	17 497	2 526	5 104	11 000	31 776	2 311	2 981	20 368
	LOUISIANA	370	53	5 371	26 739	3 347	6 613	16 831	54 726	1 787	5 276	47 726
	OKLAHOMA	454	50	5 898	29 344	3 618	7 207	16 751	57 053	3 827	6 026	46 950
	TEXAS	1 736	246	29 561	150 861	18 349	36 070	89 860	282 484	13 276	26 544	211 279
	WEST	5 901	943	109 159	670 037	66 715	124 387	403 570	1 205 068	51 500	97 367	877 507
	MOUNTAIN	1 262	182	20 648	110 167	12 526	23 916	67 702	212 602	8 403	17 848	147 386
	MONTANA	110	16	1 517	7 825	921	1 686	4 864	12 136	465	1 889	14 021
	IDAHO	106	13	1 360	6 716	824	1 559	4 294	16 119	607	1 321	10 456
	WYOMING	51	12	695	3 292	384	775	1 959	6 093	268	620	4 648
	COLORADO	409	57	7 618	43 319	4 752	8 938	26 402	75 559	3 001	6 986	54 529
	NEW MEXICO	123	17	1 469	7 519	828	1 596	4 233	14 236	739	1 436	11 945
	ARIZONA	252	32	4 121	21 289	2 206	4 276	12 400	44 874	1 707	2 877	26 057
	UTAH	150	25	2 697	14 092	1 794	3 518	9 378	31 360	1 030	2 019	18 954
	NEVADA	61	10	1 171	6 115	817	1 568	4 172	12 225	586	700	6 776
	PACIFIC	4 639	761	88 521	559 870	54 189	100 471	335 868	992 466	43 097	79 519	730 121
	WASHINGTON	511	77	8 469	50 675	4 822	8 609	28 624	87 051	4 556	8 058	72 252
	OREGON	358	53	5 311	29 347	3 045	5 731	16 328	55 789	2 880	5 303	45 119
	CALIFORNIA	3 670	609	72 637	468 279	45 140	83 899	284 666	828 970	35 073	64 197	596 651
	ALASKA	30	3	371	2 314	197	387	1 224	3 865	128	322	3 589
	HAWAII	70	19	1 733	9 255	985	1 845	5 026	16 791	460	1 639	12 510
271	NEWSPAPERS, TOTAL ¹	8 331	1 865	306 439	1 784 570	160 061	294 541	935 160	3 201 872	135 198	295 622	2 528 774
272	PERIODICALS, TOTAL ¹	2 630	402	67 730	461 124	12 257	22 134	65 573	1 349 030	33 784	66 749	974 513

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
273	BOOKS, TOTAL	1 676	531	82 913	494 839	41 451	83 013	224 033	1 354 030	50 371	67 127	843 034
	NORTHEAST	833	266	43 501	265 921	17 522	34 742	98 642	802 048	21 981	35 605	499 724
	NEW ENGLAND	129	48	8 222	49 455	5 510	10 682	30 349	135 296	5 939	6 164	75 370
	NEW HAMPSHIRE	12	4	149	706	90	191	430	1 142	140	75	483
	VERMONT	7	4	880	4 342	689	1 117	3 506	6 514	207	679	4 720
	MASSACHUSETTS	76	31	6 535	40 040	4 257	8 395	23 389	119 334	5 305	4 755	64 499
	MIDDLE ATLANTIC	704	218	35 279	216 466	12 012	24 060	68 293	666 752	16 042	29 441	424 354
	NEW YORK	544	167	24 544	159 096	7 785	15 694	46 484	534 424	12 698	21 186	337 626
	NEW JERSEY	79	23	6 872	35 273	1 569	2 797	7 746	85 129	2 089	4 208	50 108
	PENNSYLVANIA	81	28	3 863	22 097	2 658	5 569	14 063	47 199	1 255	4 047	36 620
	NORTH CENTRAL	394	146	26 962	163 695	15 261	30 884	84 705	423 572	21 625	21 966	263 409
	EAST NORTH CENTRAL	299	110	21 708	134 012	11 680	24 217	67 332	369 949	18 247	17 280	221 474
	OHIO	61	24	3 564	21 775	2 347	4 950	13 033	48 904	3 737	2 666	24 647
	INDIANA	29	16	5 260	29 858	3 980	8 546	23 190	47 825	6 608	4 213	31 897
	ILLINOIS	137	50	8 984	57 830	2 860	5 771	16 748	218 232	6 177	7 037	136 510
	MICHIGAN	48	15	1 104	5 226	655	1 265	3 408	11 203	346	753	6 379
	WISCONSIN	24	5	2 796	19 323	1 838	3 685	10 953	43 785	1 379	2 611	22 041
	WEST NORTH CENTRAL	95	36	5 254	29 683	3 581	6 667	17 373	53 623	3 378	4 686	41 935
	MINNESOTA	31	9	2 217	13 488	1 603	3 007	8 098	22 093	394	2 036	16 759
	MISSOURI	31	18	2 084	11 598	1 262	2 316	6 262	23 311	(D)	2 180	20 586
	NEBRASKA	8	3	129	506	93	178	398	1 215	66	87	681
	KANSAS	14	3	672	3 377	532	975	2 304	5 565	415	109	1 645
	SOUTH	249	78	8 983	45 976	6 662	13 502	30 593	84 261	4 916	7 866	62 313
	SOUTH ATLANTIC	144	42	4 486	23 710	3 388	6 803	15 605	41 882	1 853	3 272	24 235
	MARYLAND	30	12	1 100	6 321	868	1 856	4 146	11 089	748	725	5 666
	DISTRICT OF COLUMBIA	24	6	1 073	6 496	736	1 451	4 525	10 407	(D)	663	5 799
	VIRGINIA	20	5	943	3 633	819	1 555	2 745	6 732	188	762	4 423
	NORTH CAROLINA	12	5	399	1 776	346	692	1 249	3 193	208	276	1 220
	GEORGIA	12	4	275	1 794	106	185	507	4 265	(D)	493	4 984
	FLORIDA	33	4	372	2 090	279	591	1 327	3 338	155	74	553
	EAST SOUTH CENTRAL	41	15	2 750	13 687	2 035	4 257	9 614	24 333	2 415	2 997	26 218
	TENNESSEE	15	7	1 945	10 411	1 401	2 991	7 239	19 655	1 648	2 357	23 106
	ALABAMA	14	6	301	1 425	221	450	958	2 138	138	111	738
	WEST SOUTH CENTRAL	64	21	1 747	8 579	1 239	2 442	5 374	18 046	648	1 597	11 860
	OKLAHOMA	11	4	206	1 156	118	239	471	2 261	35	96	1 020
	TEXAS	38	11	1 258	6 209	905	1 783	4 004	13 066	497	1 168	8 878
	WEST	200	41	3 496	19 562	2 006	3 885	10 093	42 942	1 919	1 690	17 471
	MOUNTAIN	33	9	776	3 500	557	1 081	2 439	10 135	423	386	3 547
	UTAH	10	5	533	2 297	403	775	1 715	3 920	336	49	394
	PACIFIC	167	32	2 720	16 062	1 449	2 804	7 654	32 807	1 450	1 304	13 924
	OREGON	7	1	123	862	95	177	584	1 297	(D)	26	482
	CALIFORNIA	150	30	2 484	14 733	1 273	2 475	6 796	30 736	1 313	1 168	12 481
274	MISCELLANEOUS PUBLISHING, TOTAL ¹	1 374	177	22 551	130 427	9 798	18 688	48 799	252 932	7 113	19 301	199 181
275	COMMERCIAL PRINTING, TOTAL	19 511	2 848	300 309	1 852 525	234 602	465 335	1 355 829	2 961 069	179 941	288 337	2 348 372
	NORTHEAST	6 549	993	105 389	654 880	84 087	165 847	493 237	1 037 232	60 674	106 417	869 283
	NEW ENGLAND	1 334	226	22 888	128 334	18 409	37 072	98 056	196 704	15 115	20 330	147 044
	MAINE	73	7	530	2 208	396	775	1 491	4 045	290	481	3 108
	NEW HAMPSHIRE	61	4	1 264	7 252	1 091	2 359	6 006	9 540	559	1 065	7 215
	VERMONT	57	6	356	1 565	300	595	1 272	2 417	151	323	1 761
	MASSACHUSETTS	703	128	11 919	65 290	9 368	18 650	48 490	97 612	6 552	10 832	79 145
	RHODE ISLAND	123	17	1 395	7 797	1 127	2 271	5 891	12 616	1 745	1 400	9 915
	CONNECTICUT	317	64	7 424	44 222	6 127	12 422	34 906	70 474	5 818	6 229	45 900
	MIDDLE ATLANTIC	5 215	767	82 501	526 546	65 678	128 775	395 181	840 528	45 559	86 087	722 239
	NEW YORK	3 258	475	47 170	311 725	37 172	73 133	230 113	507 837	26 096	48 374	430 330
	NEW JERSEY	778	105	11 772	73 700	9 586	18 818	57 565	116 975	7 385	13 068	111 068
	PENNSYLVANIA	1 179	187	23 559	141 121	18 920	36 824	107 503	215 716	12 078	24 645	180 841
	NORTH CENTRAL	5 878	975	113 770	731 998	86 910	173 784	520 302	1 147 435	72 545	109 455	913 065
	EAST NORTH CENTRAL	4 334	728	88 805	588 130	69 235	138 746	426 292	928 485	60 319	85 553	731 169
	OHIO	1 125	195	23 614	147 109	18 413	37 024	107 305	236 490	19 166	22 566	188 914
	INDIANA	444	57	5 798	32 233	4 514	9 133	23 426	54 397	3 082	5 051	37 016
	ILLINOIS	1 512	299	40 248	286 009	31 809	63 517	210 716	438 375	26 560	39 458	345 584
	MICHIGAN	803	101	9 994	64 540	7 632	15 444	45 204	112 195	6 584	9 829	90 576
	WISCONSIN	450	76	9 151	58 239	6 867	13 628	39 641	87 028	4 927	8 649	69 079

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
275	COMMERCIAL PRINTING--CONTINUED											
	NORTH CENTRAL--CONTINUED											
	WEST NORTH CENTRAL	1 544	247	24 965	143 868	17 675	35 038	94 010	218 950	12 226	23 902	181 896
	MINNESOTA	370	78	10 422	62 235	6 775	13 126	37 911	90 446	4 163	9 901	76 697
	IOWA	245	28	2 661	13 915	1 865	3 760	8 326	21 299	1 492	2 230	16 800
	MISSOURI	541	97	7 706	46 515	5 940	11 820	32 964	73 222	4 453	8 046	61 037
	NORTH DAKOTA	38	4	271	1 285	202	399	887	1 933	124	240	1 712
	SOUTH DAKOTA	38	2	265	1 328	193	388	883	2 239	129	229	1 259
	NEBRASKA	134	20	2 052	10 777	1 457	3 067	7 343	16 722	923	1 955	14 717
	KANSAS	178	18	1 588	7 813	1 243	2 478	5 696	13 089	942	1 301	9 674
	SOUTH	4 044	532	49 749	266 189	39 118	79 189	196 253	441 441	28 071	43 724	313 743
	SOUTH ATLANTIC	2 027	279	24 969	136 687	19 803	40 175	100 975	230 014	14 750	22 321	161 910
	DELAWARE	37	8	604	3 625	485	964	2 720	5 500	273	597	4 398
	MARYLAND	273	53	5 292	31 215	4 235	8 651	23 604	48 495	2 508	3 963	31 059
	DISTRICT OF COLUMBIA	138	25	2 798	18 868	2 221	4 478	14 014	27 099	957	3 332	28 180
	VIRGINIA	263	33	3 493	17 331	2 741	5 381	12 737	26 936	2 395	3 172	19 809
	WEST VIRGINIA	93	7	860	4 037	654	1 230	2 850	17 007	679	808	4 800
	NORTH CAROLINA	287	35	3 018	14 059	2 376	4 880	10 014	27 226	2 040	3 050	20 950
	SOUTH CAROLINA	116	16	1 028	4 594	821	1 660	3 386	7 506	1 168	813	4 912
	GEORGIA	278	41	3 765	21 842	2 974	6 210	15 529	33 824	2 038	3 496	25 721
	FLORIDA	542	61	4 111	21 116	3 296	6 721	16 121	36 421	2 692	3 090	22 081
	EAST SOUTH CENTRAL	665	101	11 682	63 323	9 442	18 992	49 142	100 502	6 840	10 087	70 924
	KENTUCKY	165	35	4 349	25 877	3 608	6 896	20 541	37 050	3 355	4 008	30 628
	ALABAMA	150	15	1 596	8 037	1 334	2 727	6 475	13 301	1 002	1 478	10 498
	WEST SOUTH CENTRAL	1 352	152	13 098	66 179	9 873	20 022	46 136	110 925	6 481	11 316	80 909
	ARKANSAS	92	12	1 012	5 034	732	1 480	3 349	8 021	312	784	5 076
	LOUISIANA	184	24	1 637	8 179	1 231	2 505	5 915	13 135	745	1 583	10 849
	OKLAHOMA	194	15	1 554	7 843	1 129	2 343	5 117	13 397	896	1 488	10 649
	TEXAS	882	101	8 895	45 123	6 781	13 694	31 755	76 372	4 528	7 461	54 335
	WEST	3 041	349	31 367	199 441	24 433	46 565	146 077	333 216	18 752	28 740	252 273
	MOUNTAIN	547	58	4 960	28 072	3 782	7 733	20 635	46 475	2 705	4 649	36 207
	MONTANA	26	4	283	1 423	195	403	1 051	2 174	146	251	1 506
	COLORADO	200	25	2 160	12 683	1 666	3 387	9 177	20 271	1 253	2 128	17 349
	NEW MEXICO	59	4	349	1 721	257	518	1 228	2 806	153	382	3 156
	ARIZONA	125	8	942	5 420	733	1 502	4 027	8 906	513	546	3 784
	UTAH	74	8	699	3 957	538	1 129	2 887	7 587	386	755	6 337
	NEVADA	20	5	195	1 363	159	322	1 136	2 466	146	165	1 249
	PACIFIC	2 494	291	26 407	171 369	20 651	38 832	125 442	286 741	16 047	24 091	216 066
	WASHINGTON	241	27	2 218	13 518	1 623	3 049	9 512	21 590	1 079	1 858	15 780
	OREGON	180	13	1 207	7 263	930	1 796	5 254	12 143	896	1 407	11 070
	CALIFORNIA	2 023	240	22 348	147 032	17 648	33 125	108 342	248 024	13 737	20 292	185 316
276	MANIFOLD BUSINESS FORMS, TOTAL ¹	502	250	28 796	173 238	21 259	43 296	116 680	377 710	23 084	23 618	245 229
277	GREETING CARD MANUFACTURING, TOTAL ¹	257	93	21 535	105 600	13 356	26 187	53 891	204 608	6 847	21 777	178 563
278	BOOKBINDING AND RELATED WORK, TOTAL	1 453	469	42 237	206 174	36 076	69 559	157 292	340 763	14 114	40 032	265 382
	NORTHEAST	711	229	21 600	104 846	18 592	35 708	81 903	170 209	6 459	20 785	135 657
	NEW ENGLAND	105	31	3 742	17 611	3 072	5 784	12 983	31 380	1 477	3 534	23 633
	MASSACHUSETTS	69	22	2 959	13 233	2 481	4 641	9 908	23 907	1 148	3 003	19 501
	CONNECTICUT	19	6	530	2 994	388	755	2 157	5 757	268	317	2 859
	MIDDLE ATLANTIC	606	198	17 858	87 235	15 520	29 924	68 920	138 829	4 982	17 251	112 024
	NEW YORK	452	143	12 543	61 671	10 887	20 995	48 783	97 521	3 062	13 017	84 643
	NEW JERSEY	67	23	2 854	13 753	2 494	4 837	11 223	23 634	905	2 323	16 398
	PENNSYLVANIA	87	32	2 461	11 811	2 139	4 092	8 914	17 674	1 015	1 911	10 983
	NORTH CENTRAL	370	140	12 771	64 758	10 814	21 005	47 738	106 901	4 713	12 321	83 063
	EAST NORTH CENTRAL	272	106	10 106	51 174	8 580	16 560	37 681	83 326	3 456	10 228	69 089
	OHIO	57	18	1 098	5 317	920	1 810	3 974	9 454	338	1 453	9 864
	ILLINOIS	141	58	6 067	31 997	5 212	10 148	23 698	51 561	2 206	6 204	42 951
	WEST NORTH CENTRAL	98	34	2 665	13 584	2 234	4 445	10 057	23 575	1 257	2 093	13 974
	MINNESOTA	22	5	540	2 805	438	869	2 024	4 880	309	389	2 827
	IOWA	12	2	186	931	157	324	662	1 514	71	194	798
	MISSOURI	46	22	1 573	7 819	1 364	2 646	5 993	13 424	756	1 177	7 665
	KANSAS	10	3	281	1 617	235	532	1 192	3 349	109	244	2 237

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
278	BOOKBINDING AND RELATED WORK--CON. SOUTH	178	57	4 559	19 574	3 852	7 535	14 234	32 195	1 673	3 978	25 464
	SOUTH ATLANTIC	101	35	2 977	13 138	2 563	4 992	9 631	19 215	1 039	2 279	13 892
	DISTRICT OF COLUMBIA	8	3	155	715	128	242	628	1 035	19	159	915
	NORTH CAROLINA	15	7	485	1 554	416	771	1 122	2 117	82	160	1 082
	GEORGIA	16	6	549	2 930	471	941	1 968	5 242	225	300	2 041
	FLORIDA	25	5	327	1 249	299	618	1 087	1 697	83	217	1 120
	EAST SOUTH CENTRAL	22	6	358	1 410	287	569	1 002	2 628	214	516	2 865
	KENTUCKY	5	1	106	580	79	174	351	787	94	83	568
	TENNESSEE	7	4	164	536	135	251	423	1 177	96	263	1 367
	WEST SOUTH CENTRAL	55	16	1 224	5 026	1 002	1 974	3 601	10 352	420	1 183	8 707
	OKLAHOMA	10	3	168	676	150	288	571	1 158	118	154	989
	TEXAS	33	12	957	4 011	763	1 509	2 728	8 505	264	938	7 192
	WEST	194	43	3 307	16 996	2 818	5 311	13 417	31 458	1 269	2 948	21 198
	ARIZONA	10	3	153	643	133	236	506	1 171	24	139	962
	OREGON	6	2	114	648	90	169	461	945	27	104	790
	CALIFORNIA	148	33	2 733	14 412	2 331	4 422	11 404	27 256	1 132	2 394	17 567
279	PRINTING TRADES AND SERVICES, TOTAL.	2 356	580	40 733	306 319	30 983	60 426	233 731	434 419	13 452	42 021	389 956
	NORTHEAST	876	269	18 950	141 831	14 436	28 225	109 406	199 016	5 894	19 627	183 604
	NEW ENGLAND	187	55	3 298	24 147	2 585	5 236	18 715	33 115	1 725	3 128	26 204
	NEW HAMPSHIRE	11	3	222	1 318	194	384	1 124	1 978	81	148	970
	MASSACHUSETTS	90	26	1 504	10 383	1 139	2 217	8 017	14 259	392	1 567	12 531
	RHODE ISLAND	18	4	235	1 670	171	336	1 173	2 522	228	198	1 691
	CONNECTICUT	61	21	1 204	9 992	960	2 048	7 675	13 599	1 009	1 118	10 480
	MIDDLE ATLANTIC	689	214	15 652	117 684	11 851	22 989	90 691	165 901	4 169	16 499	157 400
	NEW YORK	465	151	10 603	83 891	7 951	15 353	64 691	120 201	2 891	11 807	117 743
	NEW JERSEY	79	17	963	6 663	665	1 273	4 803	9 645	310	1 046	8 895
	PENNSYLVANIA	145	46	4 086	27 130	3 235	6 363	21 197	36 055	968	3 646	30 762
	NORTH CENTRAL	708	181	12 912	102 521	9 853	18 976	77 372	143 614	4 166	14 579	135 388
	EAST NORTH CENTRAL	550	148	10 827	87 702	8 311	16 096	66 540	121 764	3 431	12 390	116 597
	OHIO	136	43	2 191	16 334	1 574	3 048	11 992	23 183	761	2 529	21 584
	INDIANA	54	13	793	5 722	589	1 202	4 216	7 702	243	872	6 711
	ILLINOIS	216	58	5 396	45 934	4 282	8 190	35 671	63 311	1 444	6 252	62 568
	MICHIGAN	90	24	1 849	15 853	1 419	2 812	11 712	22 328	667	2 058	19 814
	WISCONSIN	54	10	598	3 859	447	844	2 949	5 240	316	679	5 920
	WEST NORTH CENTRAL	158	33	2 085	14 819	1 542	2 880	10 832	21 850	735	2 189	18 791
	MINNESOTA	30	10	629	4 570	463	863	3 276	6 961	216	640	5 343
	IOWA	23	3	201	1 298	153	301	1 033	2 018	111	172	1 557
	NEBRASKA	14	1	116	752	72	143	545	1 117	39	96	857
	KANSAS	15	3	144	971	113	197	766	1 450	73	104	1 003
	SOUTH	401	79	5 366	35 776	4 097	8 282	27 009	51 224	1 951	4 416	37 502
	MARYLAND	43	13	702	4 759	551	1 153	3 546	6 686	207	539	4 607
	DISTRICT OF COLUMBIA	23	13	622	4 187	500	1 008	3 224	6 084	(D)	407	3 878
	VIRGINIA	27	7	438	3 060	362	722	2 382	4 731	313	268	2 413
	NORTH CAROLINA	27	5	369	2 113	286	594	1 614	2 892	126	301	2 271
	GEORGIA	29	7	411	2 671	302	608	1 939	3 534	163	444	3 918
	FLORIDA	52	8	481	3 079	357	681	2 445	4 221	168	397	3 439
	KENTUCKY	15	1	147	967	111	229	778	1 277	21	170	1 147
	TENNESSEE	32	8	693	4 627	545	1 080	3 464	6 189	233	491	3 888
	LOUISIANA	23	1	134	884	103	209	718	1 394	38	136	1 145
	OKLAHOMA	19	2	133	888	90	179	578	1 273	31	156	1 350
	WEST	371	51	3 505	26 191	2 597	4 943	19 944	40 565	1 441	3 399	33 462
	MOUNTAIN	60	6	437	3 011	321	639	2 270	4 772	233	330	3 148
	COLORADO	20	3	197	1 452	143	298	1 048	2 166	103	170	1 530
	ARIZONA	14	2	123	804	88	156	611	1 295	73	(D)	(D)
	PACIFIC	311	45	3 068	23 180	2 276	4 304	17 674	35 793	1 208	3 069	30 314
	WASHINGTON	29	3	213	1 394	165	266	1 038	2 182	141	205	1 848
	OREGON	19	2	164	1 076	118	215	763	1 650	44	138	1 392
	CALIFORNIA	259	40	2 667	20 595	1 976	3 788	15 784	31 712	993	2 726	27 074

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3. Detailed Statistics: 1963

Item	Printing and publishing (SIC 27)	Newspapers (SIC 271)	Periodicals (SIC 272)	Books (SIC 273)	Miscellaneous publishing (SIC 274)	Commercial printing (SIC 275)	Manifold business forms (SIC 276)	Greeting card manufacturing (SIC 277)	Bookbinding and related work (SIC 278)	Printing trades services (SIC 279)
ESTABLISHMENTS, TOTAL NUMBER . .	38 090	8 331	2 630	1 676	1 374	19 511	502	257	1 453	2 356
WITH 1 TO 19 EMPLOYEES DO . .	30 875	6 466	2 228	1 145	1 197	16 663	252	164	984	1 776
WITH 20 TO 99 EMPLOYEES DO . .	5 682	1 346	300	375	129	2 391	176	59	378	528
WITH 100 EMPLOYEES OR MORE DO . .	1 533	519	102	156	48	457	74	34	91	52
PROPRIETORS AND WORKING PARTNERS . . DO . .	23 567	5 815	1 006	568	568	13 365	172	117	831	1 125
ALL EMPLOYEES (AVERAGE FOR THE YEAR) DO . .	913 243	306 439	67 730	82 913	22 551	300 309	28 796	21 535	42 237	40 733
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000 . .	5 514 816	1 784 570	461 124	494 839	130 427	1 952 525	173 238	105 600	206 174	306 319
PRODUCTION WORKERS:										
AVERAGE FOR THE YEAR NUMBER . .	559 843	160 061	12 257	41 451	9 798	234 602	21 259	13 356	36 076	30 983
MARCH DO . .	551 977	153 821	12 712	41 931	9 842	233 411	21 132	12 356	35 593	31 199
MAY DO . .	558 864	162 184	12 303	41 390	9 910	232 930	20 911	12 740	35 452	31 044
AUGUST DO . .	560 050	161 091	11 840	41 453	9 627	233 282	21 257	13 925	36 975	30 600
NOVEMBER DO . .	569 026	163 158	12 174	41 015	9 814	239 301	21 711	14 412	36 288	31 153
MAN-HOURS \$1,000 . .	1 083 179	294 541	22 134	83 013	18 688	465 335	43 296	26 187	69 559	60 426
JANUARY-MARCH DO . .	262 715	69 145	5 749	20 812	4 611	113 225	10 819	5 959	17 189	15 206
APRIL-JUNE DO . .	271 832	74 901	5 675	20 834	4 776	115 961	10 751	6 395	17 360	15 179
JULY-SEPTEMBER DO . .	269 513	73 638	5 247	20 448	4 569	115 834	10 622	6 830	17 539	14 786
OCTOBER-DECEMBER DO . .	279 119	76 857	5 463	20 919	4 732	120 315	11 104	7 003	17 471	15 255
WAGES \$1,000 . .	3 190 988	935 160	65 573	224 033	48 799	1 355 829	116 680	53 891	157 292	233 731
COST OF MATERIALS, ETC., TOTAL ¹ . . DO . .	5 777 279	1 281 146	958 118	772 325	137 125	1 975 762	259 263	138 339	158 875	96 326
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO . .	4 067 212	1 162 170	358 811	352 395	53 599	1 611 493	232 889	89 399	133 974	72 482
COST OF REALES DO . .	223 412	11 557	49 350	29 046	1 002	84 798	16 756	11 453	10 898	8 552
FUELS CONSUMED DO . .	24 237	5 919	929	1 861	369	11 707	794	585	885	1 188
ELECTRIC ENERGY:										
PURCHASED:										
QUANTITY MILLION KW.-HRS. .	4 074	1 316	196	276	51	1 671	148	104	125	187
COST \$1,000 . .	66 770	20 767	2 859	4 283	1 070	27 362	2 395	1 368	2 500	4 166
GENERATED LESS SOLD MILLION KW.-HRS. .	10 997	(D)	(D)	2 016	(D)	7	(D)	(D)	465	512
CONTRACT WORK \$1,000 . .	1 395 646	80 733	546 169	384 737	81 085	240 403	6 429	35 534	10 618	9 938
VALUE OF SHIPMENTS (INCLUDING REALES), TOTAL ¹ DO . .	16 165 744	4 483 592	2 295 716	2 081 219	389 588	4 905 840	637 673	345 961	496 696	529 459
VALUE OF REALES DO . .	346 001	15 326	77 863	41 978	2 702	131 024	29 098	17 610	18 546	11 854
VALUE ADDED BY MANUFACTURE, ADJUSTED DO . .	10 476 433	3 201 872	1 349 030	1 354 030	252 932	2 961 069	377 710	204 608	340 763	434 419
MANUFACTURERS' INVENTORIES:										
BEGINNING OF YEAR, TOTAL DO . .	1 199 039	117 253	113 604	363 429	26 800	364 774	63 714	79 096	50 850	19 519
FINISHED PRODUCTS DO . .	412 737	4 294	26 385	229 798	12 541	67 583	15 369	37 704	17 058	2 005
WORK-IN-PROCESS DO . .	282 587	1 266	18 491	81 597	6 184	112 657	13 832	27 577	12 848	8 135
MATERIALS, SUPPLIES, FUEL, ETC. DO . .	503 719	111 693	68 728	52 034	8 075	184 536	34 513	13 815	20 944	9 381
END OF YEAR, TOTAL DO . .	1 315 098	115 305	131 358	410 446	27 176	416 506	64 416	75 240	54 658	19 993
FINISHED PRODUCTS DO . .	468 231	3 262	34 309	264 522	12 322	83 240	15 251	34 606	18 506	2 213
WORK-IN-PROCESS DO . .	314 636	1 724	21 999	91 676	6 872	127 899	13 250	27 661	14 342	9 213
MATERIALS, SUPPLIES, FUEL, ETC. DO . .	532 231	110 319	75 050	54 248	7 982	205 367	35 915	12 973	21 810	8 567
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO . .	500 027	142 979	34 117	53 886	7 286	199 721	24 651	7 020	14 805	15 562
NEW, TOTAL DO . .	463 904	135 198	33 784	50 371	7 113	179 941	23 084	6 847	14 114	13 452
NEW STRUCTURES AND ADDITIONS TO PLANT DO . .	111 020	39 263	13 921	15 195	2 262	32 507	3 183	1 898	1 289	1 502
NEW MACHINERY AND EQUIPMENT . . DO . .	352 884	95 935	19 863	35 176	4 851	147 434	19 901	4 949	12 825	11 950
USED PLANT AND EQUIPMENT DO . .	36 131	7 788	333	3 515	173	19 781	1 567	173	691	2 110
SELECTED OPERATING RATIOS:										
PAYROLL/TOTAL EMPLOYMENT	6 039	5 824	6 808	5 968	5 784	6 169	6 016	4 904	4 881	7 520
PRODUCTION WORKERS/TOTAL EMPLOYMENT . .	.61	.52	.18	.50	.43	.78	.74	.62	.85	.76
MAN-HOURS/PRODUCTION WORKERS	1 935	1 840	1 806	2 003	1 907	1 984	2 037	1 961	1 928	1 950
PRODUCTION WORKER WAGES/MAN-HOURS . .	2.95	3.17	2.96	2.70	2.61	2.91	2.69	2.06	2.26	3.87
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.70	.68	.62	.61	.69	.78	.68	.71	.73	.76
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS . . . . .	.36	.29	.42	.37	.35	.40	.41	.40	.32	.18
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT .	11 472	10 449	19 918	16 331	11 216	9 860	13 117	9 501	8 068	10 665
SALARIES AND WAGES/ADJUSTED VALUE ADDED	.53	.56	.34	.37	.52	.63	.46	.52	.61	.71

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

NEWSPAPER, PERIODICALS, BOOKS, AND MISCELLANEOUS PUBLISHING

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2711—Newspapers: Publishing, Publishing and Printing
- 2721—Periodicals: Publishing, Publishing and Printing
- 2731—Books: Publishing, Publishing and Printing
- 2732—Book Printing
- 2741—Miscellaneous Publishing

The general statistics (employment, payrolls, value of shipments or receipts, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

As in previous censuses, publishing, printing, and allied activities, other than those performed in Government-owned and operated establishments, are included as manufacturing activities. Establishments engaged in publishing newspapers, and establishments primarily engaged in publishing periodicals, books, and miscellaneous publications (including those primarily engaged in book printing) are assigned to one of the five separately described industries below. As noted in the Introduction, this report does not incorporate any data reported by religious, social, charitable, educational, and other non-profit organizations whose employees are not covered under the Social Security System. News syndicates are classified in service industries and their activities are included in the census of business.

The term "publisher" is used to designate the person or organization by whom or in whose name newspapers, periodicals, and other publications are listed. In order to provide the fullest possible coverage of the publishing field in the census of manufactures, a separate report was requested from each publishing establishment, whether or not any printing was done at the publishing location. All establishments engaged in the publishing of one or more newspapers are classified as newspaper publishers, without regard to the ratio of receipts from other activities (e.g., job printing) to their total receipts.

Publishers of newspapers and periodicals were asked to report separately for each of their publications, where possible, information on circulation and dollar receipts by frequency of issue as well as by type of revenue. The more common frequencies of

issue were listed on the report forms supplied to all newspapers, and a special inquiry was addressed to publishers of periodicals to provide uniform designation of periodicals by type of issue. Newspaper and periodical publishers were required to break their total revenues into two parts—receipts from subscriptions and sales, and receipts from advertising; "total revenue" was defined as net after deducting advertising agency commissions, cash discounts, newsstand, carrier, and wholesalers' commissions, and other similar items.

As in 1963 and 1958, the data on number of employees for newspaper and periodical publishing do not include newsboys or carrier boys. In 1963, periodical and book publishers have been subdivided to group separately those who publish only from those who print as well as publish. Newspapers are also subdivided into daily's and weekly and other papers. The general operating statistics shown in tables 3, 4, and 8 provide this subindustry treatment for industries 2711, 2721, and 2731.

2711--NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING

This industry comprises establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news, and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but even though the commercial printing may be of major importance, such establishments are included in this industry.

Establishments not engaged in publishing newspapers, but which print newspapers for publishers, are classified in industry 2751, Printing, Except Lithographic or industry 2752, Printing, Lithographic. News syndicates are classified in service industries. Establishments primarily engaged in publishing shopping news are classified in industry 2741, Miscellaneous Publishing.

The code number as well as the definition of this industry was unchanged in the 1957 revision of the Standard Industrial Classification Manual from the previous classification system. For the purposes of the census of manufactures, the term "newspaper" has been defined, in 1963 and 1958 as in 1954 and 1947, to include only those publications issued at regular frequencies which contain news of interest to the general public, whether or not they are published in the English language. Publications so qualifying are usually printed on newsprint by letterpress process and range in frequency of issue from "around the clock" to weekly, with rare instances of lesser frequency.

Publications have been classified as periodicals (industry 2721) rather than as newspapers if their news and editorial presentations do not appear to be directed to the public at large. Among the types of publications sometimes considered newspapers, but treated in the census as periodicals, are the following: trade journals; house organs, local church or school papers and like publications with very limited or specialized news treatment. Generally, publications issued by nonprofit organizations (educational, religious, charitable, labor, business, professional, etc.), are classified as periodicals, as are magazine and comic supplements for Sunday newspapers.

Since these requisites do not necessarily conform with classification tests applied elsewhere, the data presented in such tables as 6A through 6G and in tables 7A through 7C may not agree with other published data for the newspaper industry. Differences are most noticeable in the detailed classification of dollar receipts and average circulation by frequency of issue. For example, the data shown for daily and weekly newspapers do not include trade, business and like papers dealing with specialized news and subject matter (classified in this report with periodicals, industry 2721), whereas other published series may treat such publications as newspapers.

Two report forms were used to canvass this industry. Form MC-27A was used to collect data in detail from the larger establishments, whereas Form MC-27Z-1 was used generally to collect a minimum of information from small establishments (those with 1st quarter payroll of less than \$10,000). In accordance with the general census of manufactures rules, no data were tabulated from establishments operated entirely by the owner or owners without employees.

Value of receipts of the Newspapers Industry totaled \$4,484 million. This amount included receipts from publishing newspapers (primary products) valued at \$4,255 million, shipments of other products (secondary products) valued at \$193 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$36 million.

This industry's receipts from newspaper publishing represented 96 percent of its total product shipments. The industry specialization ratio in 1958 was also 96 percent. Secondary activities reported by this industry in 1963 consisted mainly of letterpress commercial (job) printing (\$86 million), and lithographic commercial (job) printing (\$27 million).

Receipts from newspaper publishing by this industry represented 100 percent of all shipments of these products (\$4,255 million) reported to the census. In 1958, the coverage ratio was also 100 percent.

2721—PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING

This industry comprises establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print periodicals for publishers, are classified in industry 2751 or industry 2752.

Data on the periodical publishing activities of nonprofit organizations (religious, educational, social, charitable, etc.) have been included to the extent that the employees of such organizations were covered under the Social Security System. For the distinction between newspapers and periodicals which has been applied in classifying establishments for the census of manufactures, see the foregoing statements under industry 2711, Newspapers. For a detailed list of products of industry 2721, refer to table 6A, product codes 2721112 to 2721737.

The code number as well as the definition of this industry was unchanged from the 1957 revision of the Standard Industrial Classification Manual from the previous classification system.

Total receipts of the Periodicals Industry totaled \$2,296 million. This amount included receipts from periodical publishing (primary products) valued at \$1,958 million, receipts from activities (secondary products) valued at \$195 million, and miscellaneous receipts (mainly resales of products produced by others), at \$142 million.

This industry's receipts from periodical publishing represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was 95 percent. Secondary products shipped by this industry in 1963 consisted mainly of book publishing (\$150 million) and miscellaneous publishing (\$30 million).

Receipts from periodical publishing by this industry represented 96 percent of all receipts of these products (\$2,037 million) reported by all industries. In 1958 the coverage ratio was 97 percent. Other industries reporting periodical publishing consisted mainly of industry 2731, Books, Publishing and Printing, \$43 million; and industry 2711, Newspapers, \$12 million.

2731—BOOKS, PUBLISHING, PUBLISHING AND PRINTING

This industry comprises establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing, or in printing and binding (but not publishing) books and pamphlets are classified in industry 2732.

Industry 2731 also includes data on book publishing activities obtained from nonprofit organizations whose employees are covered under the Social Security System and were able to report their book publishing operations as a separate establishment. For a detailed list of the type of receipts classified as primary to industry 2731, refer to table 6A, product codes 2731111 to 2731645.

The data presented in table 6A for number of books sold represent the total number of books sold (shipped and billed) by publishers during 1963, without regard to whether these books were actually published or printed in 1963. The value figures shown in this table and in tables 6C and 6D are net publishers' receipts after deducting cash discounts, returns and allowances; i.e., they represent net sales.

"Books" are considered to include all collections of 49 or more pages, exclusive of the cover, bound by any method, and all hardbound collections, irrespective of the number of pages. (The designation "hardbound" describes books which are bound with paper over board, cloth over board, and artificial or genuine leather.) "Pamphlets" are defined to mean any collection to be offered for sale of at least 5 but less than 49 paperbound pages.

The statistics for this industry were unchanged both as to code number and content from the 1957 edition of the Standard Industrial Classification Manual.

Value of receipts of the Books, Publishing and Printing, Industry totaled \$1,535 million. This included receipts from book publishing and printing (primary products) valued at \$1,359 million, shipments of other products (secondary products) valued at \$114 million, and miscellaneous receipts (mainly resales and royalties received from sale of rights) at \$62 million.

This industry's receipts from book publishing and printing represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of periodicals (\$43 million) and miscellaneous publishing (\$23 million).

Receipts from book publishing and printing by this industry represented 88 percent of all shipments of these products (\$1,548 million) by all industries. In 1958, the coverage ratio was 90 percent. Other industries reporting book publishing consisted mainly of industry 2721, Periodicals, \$150 million; and industry 2741, Miscellaneous Publishing, \$8 million.

2732—BOOK PRINTING

This industry comprises establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets, are classified in industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in industry 2789.

Establishments classified in industry 2732 are similar in character to some establishments primarily engaged in commercial letterpress printing (industry 2751) and in commercial lithographing (industry 2752). The distinction is that all the establishments classified in industry 2732 derive the greater part of their revenue from printing books and pamphlets, while such operations are secondary activities for establishments classified

in industries 2751 and 2752. For a detailed list of products of industry 2732, refer to table 6A, product codes 2732111 to 2732227.

The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged both as to code number and content.

Value receipts of the Book Printing Industry totaled \$547 million. This included receipts from printing and binding books published elsewhere (primary products) valued at \$419 million; shipments of other products (secondary products) valued at \$118 million; and miscellaneous receipts, at \$9 million.

This industry's receipts from book printing and binding represented 78 percent of its total product shipments. The industry specialization ratio in 1958 was 72 percent. Secondary products shipped by this industry in 1963 consisted mainly of lithographic commercial printing (\$52 million), and letterpress and other commercial printing (\$35 million).

Receipts from book printing and binding by this industry represented 69 percent of these receipts valued at \$607 million by all industries. In 1958 the coverage ratio was 60 percent. Other industries reporting book printing and binding consisted mainly of industry 2752, Printing, Lithographic, \$100 million; and industry 2751, Printing, Except Lithographic, \$65 million.

2741—MISCELLANEOUS PUBLISHING

This industry comprises establishments primarily engaged in miscellaneous publishing activities, n.e.c., whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services and which may publish directories as part of this service are not included in this industry but are classified in service industries.

This industry comprises establishments primarily engaged in publishing such products as maps, atlases, sheet music, directories, almanacs, catalogs, globe covers, racing forms, and shopping news or engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in printing such products and not engaged in publishing are classified in industry 2751, Printing, Except Lithographic, or industry 2752, Printing, Lithographic, depending on the primary printing process employed. Establishments primarily engaged in publishing greeting cards are classified in industry 2771, Greeting Card Manufacturing.

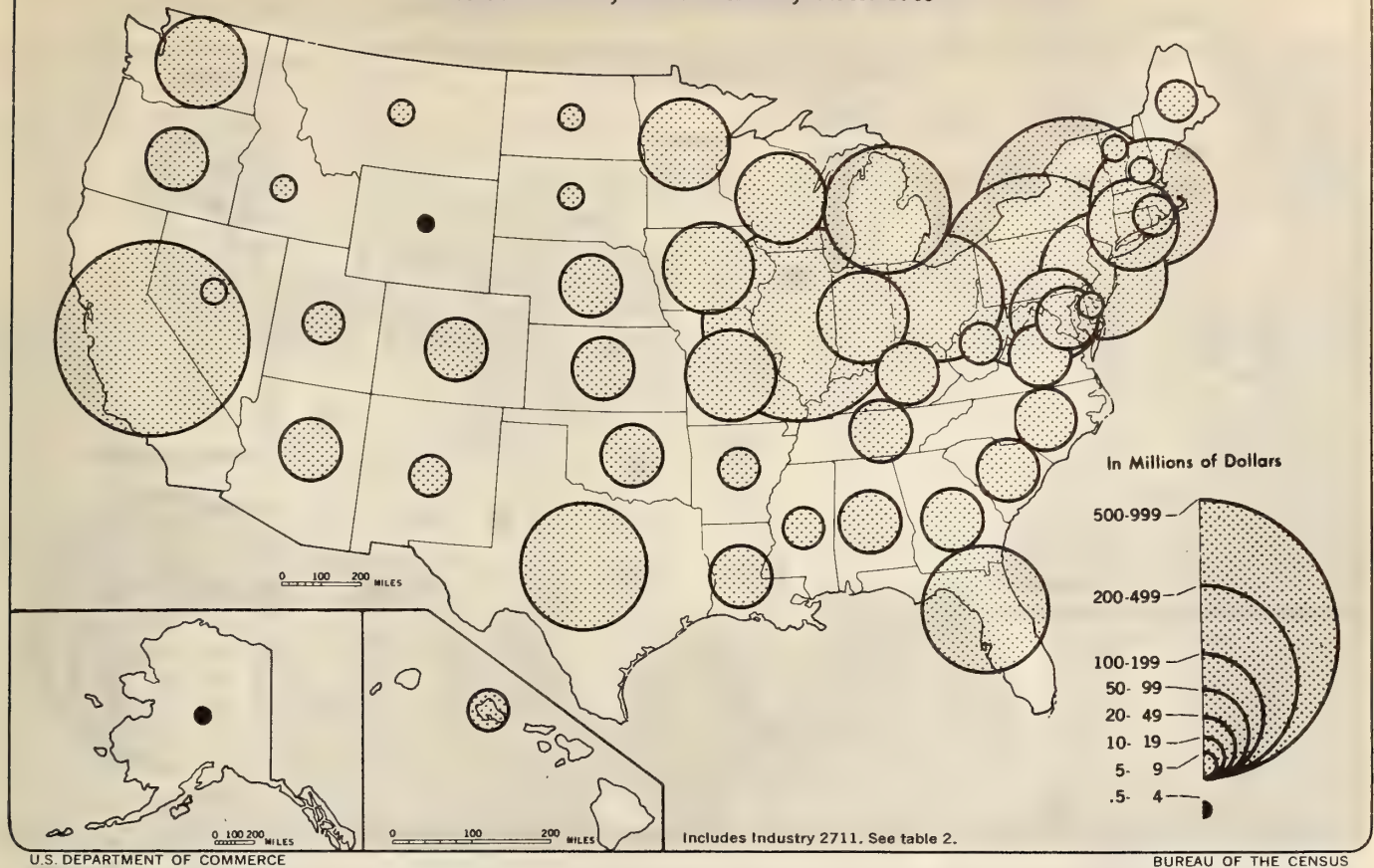
The statistics for this industry as classified under the 1957 edition of the Standard Industrial Classification Manual were unchanged both as to code number and content from the previous classification system. For a detailed list of products of industry 2741, refer to table 6A, product codes 2741111 to 2741398.

Value of shipments and other receipts of the Miscellaneous Publishing Industry totaled \$390 million. This included receipts from miscellaneous publishing (primary products) valued at \$349 million; receipts from other products (secondary products) valued at \$28 million; and miscellaneous receipts (mainly contract work on materials owned by others), at \$12 million.

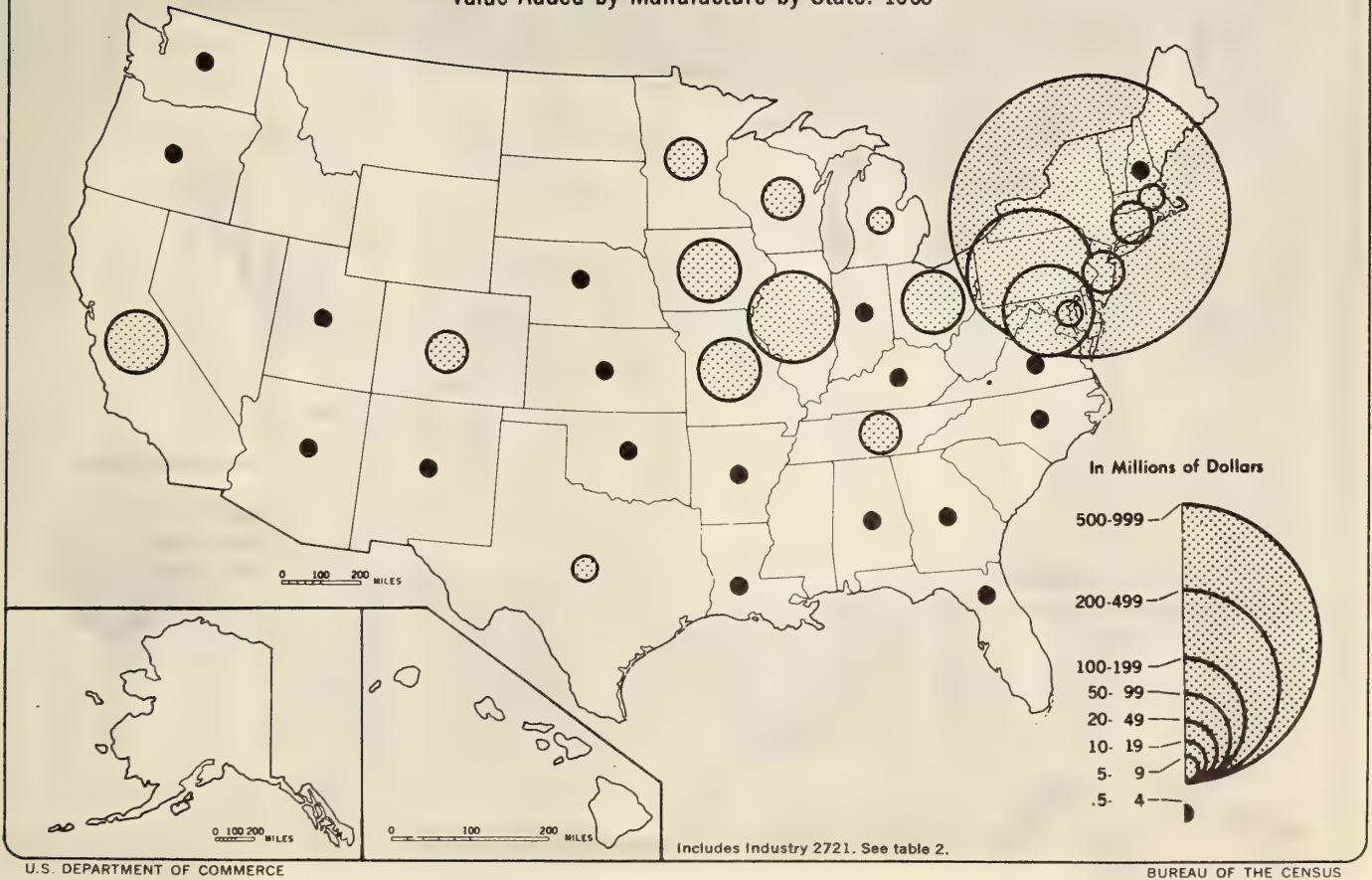
This industry's receipts from miscellaneous publishing represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of book publishing (\$8 million) and periodical publishing (\$6 million).

Receipts from miscellaneous publishing by this industry represented 84 percent of these receipts valued at \$413 million by all industries. In 1958, the coverage ratio was 87 percent. Other industries reporting miscellaneous publishing receipts consisted mainly of industry 2721, Periodicals, \$30 million; and industry 2731, Books, Publishing and Printing, \$23 million.

NEWSPAPERS: SIC 271 Value Added by Manufacture by State: 1963

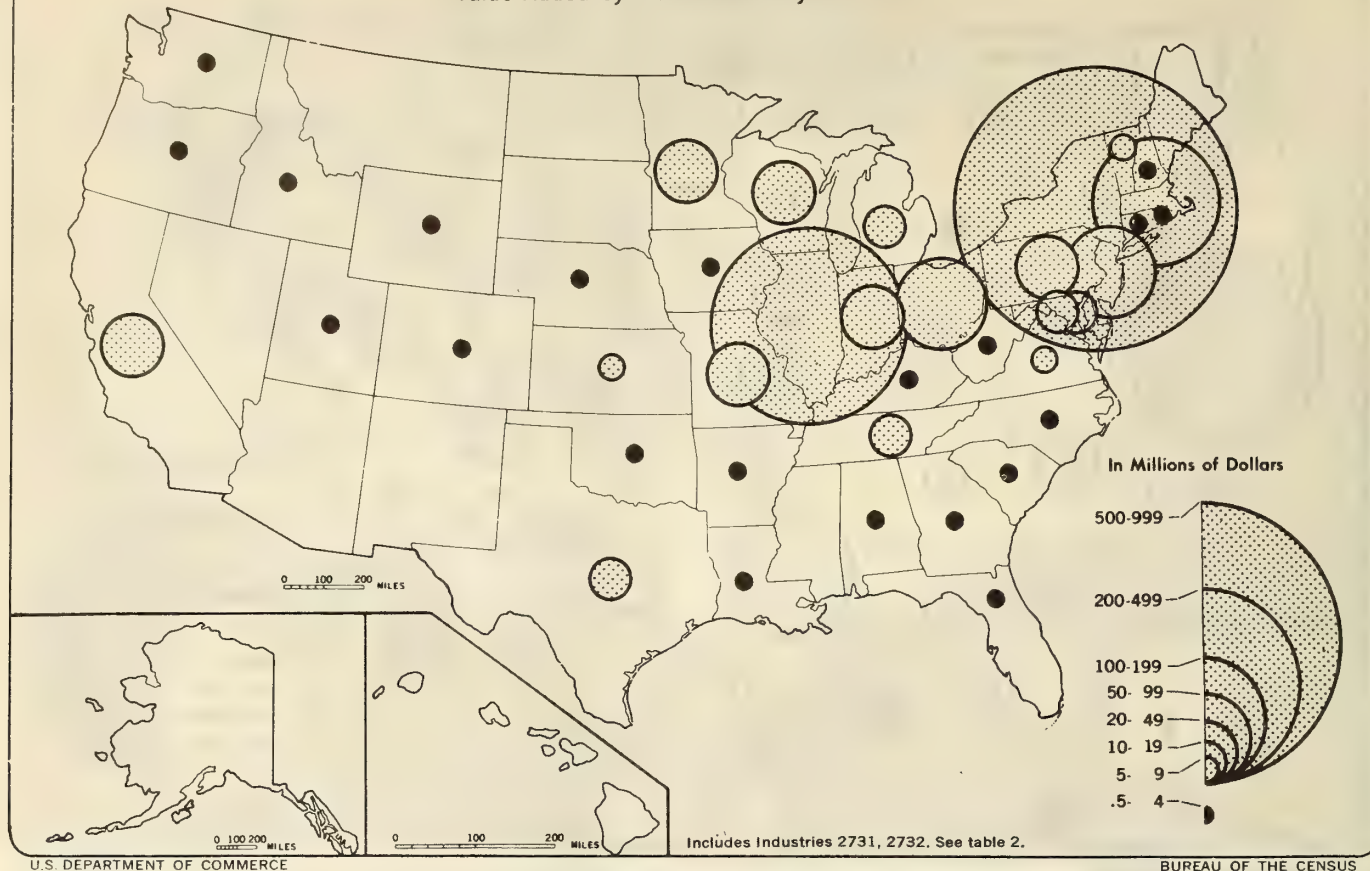


PERIODICALS: SIC 272 Value Added by Manufacture by State: 1963



BOOKS: SIC 273

Value Added by Manufacture by State: 1963



MISCELLANEOUS PUBLISHING: SIC 274

Value Added by Manufacture by State: 1963

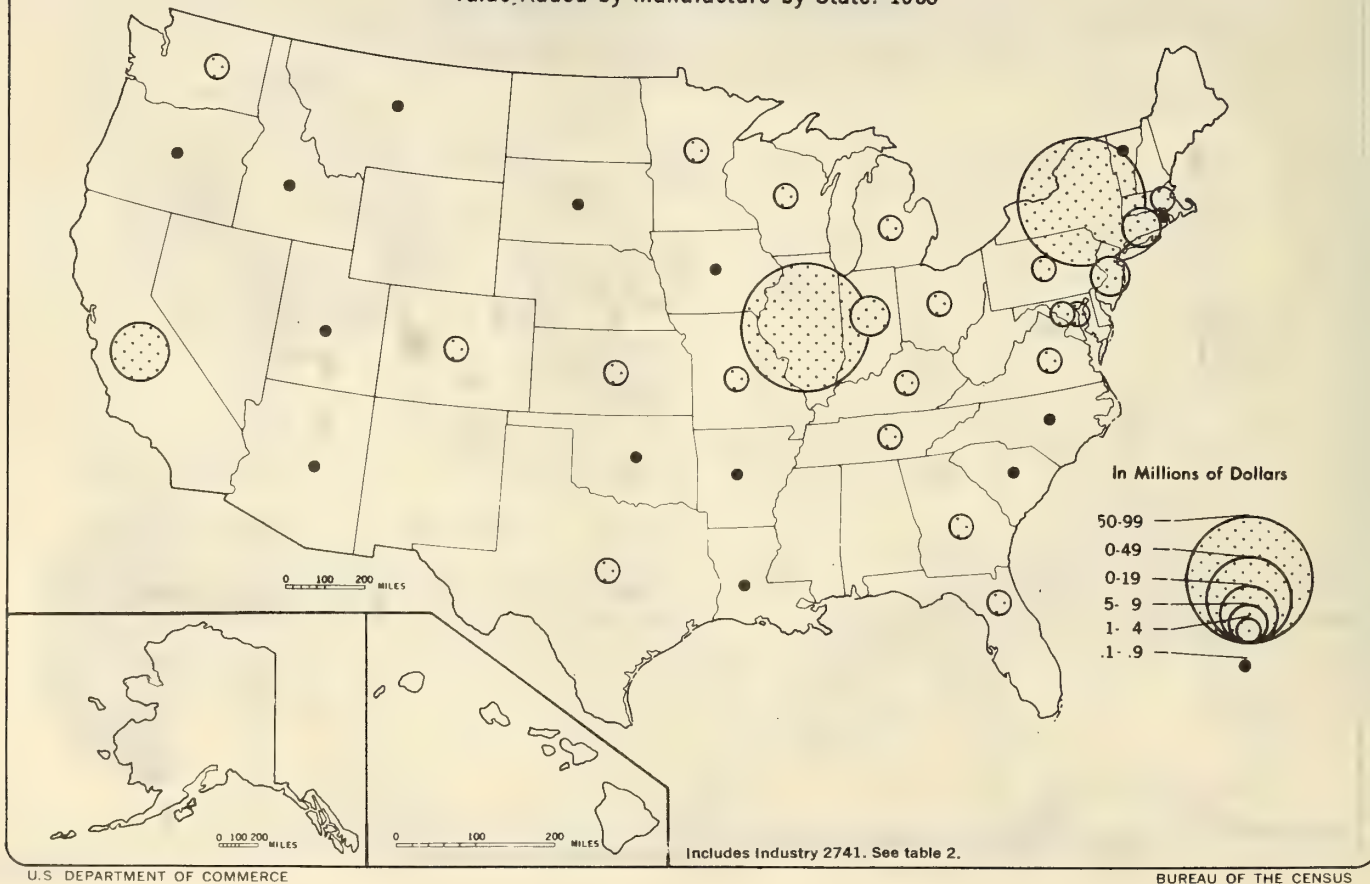


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2711.—NEWSPAPERS														
1963.....	7,982	8,331	1,865	306,439	1,784,570	160,061	294,541	935,160	3,201,872	1,281,146	4,483,592	135,198	96	100
1962 ¹	(NA)	(NA)	(NA)	310,742	1,761,008	163,151	297,094	929,513	3,051,602	1,274,336	4,319,499	123,858	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	308,453	1,712,086	160,688	297,743	899,980	2,939,501	1,248,854	4,182,997	134,487	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	307,423	1,673,879	159,880	299,627	882,937	2,924,534	1,212,554	4,136,622	122,828	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	300,909	1,601,283	158,078	292,271	841,066	2,766,154	1,172,337	3,946,642	147,604	(NA)	(NA)
1958 ²	7,947	8,279	1,736	295,622	1,499,939	154,656	278,024	778,957	2,528,774	1,112,376	3,628,021	148,209	96	100
1957 ¹	(NA)	(NA)	(NA)	308,707	1,519,917	158,376	296,562	784,738	2,597,614	1,109,338	3,703,948	112,440	98	100
1956 ¹	(NA)	(NA)	(NA)	299,256	1,448,404	154,781	295,509	756,824	2,516,000	1,099,429	3,612,413	104,297	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	289,392	1,350,519	151,797	289,768	711,424	2,374,155	1,026,087	3,395,665	(S)	(NA)	(NA)
1954.....	8,444	8,645	1,636	280,895	1,257,139	148,466	280,248	663,954	2,137,583	954,070	3,091,642	75,536	95	100
1953 ¹	(NA)	(NA)	(NA)	275,974	1,200,594	145,266	(NA)	653,461	2,042,012	912,979	2,954,991	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	275,537	1,123,790	149,169	(NA)	611,928	1,916,846	846,283	2,763,129	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	273,824	1,056,984	149,857	(NA)	577,579	1,780,423	792,810	2,573,233	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	267,347	1,000,906	146,052	(NA)	549,432	1,705,628	729,460	2,435,088	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	262,108	949,737	137,120	(NA)	489,810	1,599,745	725,537	2,325,282	(NA)	(NA)	(NA)
1947.....	8,115	8,340	(NA)	234,375	743,854	118,116	229,669	372,752	1,405,709	511,593	1,917,302	(NA)	94	100
1939 ³	(NA)	7,278	(NA)	(NA)	(NA)	96,731	(NA)	164,041	673,802	231,144	904,946	(NA)	(NA)	(NA)
1937.....	(NA)	6,980	(NA)	(NA)	(NA)	109,882	(NA)	185,836	701,241	221,094	922,335	(NA)	(NA)	(NA)
1935.....	(NA)	6,728	(NA)	(NA)	(NA)	99,003	(NA)	164,456	632,578	180,472	813,050	(NA)	(NA)	(NA)
1933.....	(NA)	5,631	(NA)	(NA)	(NA)	90,441	(NA)	138,926	550,259	151,133	701,392	(NA)	(NA)	(NA)
1931.....	(NA)	7,526	(NA)	(NA)	(NA)	97,937	(NA)	189,749	712,343	235,299	947,642	(NA)	(NA)	(NA)
1929.....	(NA)	8,599	(NA)	(NA)	(NA)	105,658	(NA)	211,393	844,936	304,962	1,149,898	(NA)	(NA)	(NA)
1927.....	(NA)	8,116	(NA)	(NA)	(NA)	98,145	(NA)	194,744	743,333	430,982	1,049,315	(NA)	(NA)	(NA)
1925.....	(NA)	7,977	(NA)	(NA)	(NA)	94,317	(NA)	180,084	674,445	296,766	971,211	(NA)	(NA)	(NA)
INDUSTRY 2721.—PERIODICALS														
1963.....	2,562	2,630	402	67,730	461,124	12,257	22,134	65,573	1,349,030	958,118	2,295,716	33,784	89	96
1962 ¹	(NA)	(NA)	(NA)	69,639	485,892	12,129	21,638	64,789	1,336,517	906,085	2,198,548	29,167	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	68,185	467,171	11,755	21,342	62,670	1,284,186	935,991	2,181,091	24,536	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	67,676	447,620	12,239	22,414	63,345	1,211,411	922,777	2,132,600	(45,845)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	67,438	419,287	12,411	22,367	62,007	1,153,927	833,029	1,981,237	(43,128)	(NA)	(NA)
1958 ²	2,246	2,332	390	66,749	386,710	11,711	21,214	56,769	974,513	764,705	1,729,485	35,051	93	97
1957 ¹	(NA)	(NA)	(NA)	63,712	345,413	14,626	25,763	62,575	971,471	681,472	1,630,173	(S)	94	95
1956 ¹	(NA)	(NA)	(NA)	65,469	343,461	16,521	29,190	72,086	953,789	654,143	1,589,642	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	65,089	336,898	16,251	29,544	70,280	849,003	676,158	1,508,700	(S)	(NA)	(NA)
1954.....	2,012	2,045	370	62,428	312,695	16,348	29,614	68,218	805,716	664,040	1,469,759	14,542	95	97
1953 ¹	(NA)	(NA)	(NA)	58,282	290,030	13,440	(NA)	60,915	733,830	568,139	1,301,969	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	59,440	275,066	16,320	(NA)	63,175	704,342	553,966	1,258,308	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	71,735	305,612	22,422	(NA)	82,128	690,048	485,009	1,175,057	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	73,867	288,783	21,357	(NA)	75,133	669,430	501,832	1,171,262	(NA)	(NA)	(NA)
1947.....	2,106	2,166	(NA)	68,957	235,706	19,472	41,814	64,453	638,384	420,984	1,059,368	(NA)	(NA)	(NA)
1939.....	(NA)	2,337	(NA)	(NA)	(NA)	15,411	(NA)	25,001	262,999	156,953	419,952	(NA)	(NA)	(NA)
INDUSTRY 2731.—BOOKS, PUBLISHING AND PRINTING														
1963.....	936	993	256	46,812	280,664	11,810	23,450	59,474	995,736	582,345	1,534,632	25,426	93	88
1962 ¹	(NA)	(NA)	(NA)	47,015	277,424	12,069	28,003	61,945	953,859	581,031	1,527,841	(25,242)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	43,865	248,999	11,803	27,748	58,716	882,365	525,541	1,382,291	16,005	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	42,422	233,347	12,534	27,591	57,604	834,142	497,926	1,303,291	16,988	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	39,911	211,248	11,800	24,641	53,832	721,163	450,561	1,148,733	10,064	(NA)	(NA)
1958 ²	883	903	233	38,502	191,859	11,023	21,088	44,463	616,241	413,314	1,033,144	13,090	92	90
1957 ¹	(NA)	(NA)	(NA)	38,015	189,809	10,070	19,204	34,332	560,039	350,550	879,998	14,476	90	89
1956 ¹	(NA)	(NA)	(NA)	39,983	184,884	9,869	(S)	(S)	521,393	341,491	848,083	10,089	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	35,665	161,123	9,031	(S)	(S)	456,737	293,013	732,837	(S)	(NA)	(NA)
1954.....	804	814	197	34,704	144,757	8,802	17,098	29,250	407,204	301,737	708,943	7,558	91	90
1952 ¹	(NA)	(NA)	(NA)	42,592	155,506	8,775	(NA)	26,285	421,608	308,614	730,222	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	39,939	127,611	8,186	(NA)	23,889	356,279	263,090	619,369	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	33,036	105,775	7,543	(NA)	24,182	337,250	249,471	586,721	(NA)	(NA)	(NA)
1947.....	635	648	(NA)	39,942	104,278	8,092	16,740	20,142	262,903	200,948	463,851	(NA)	92	93
1939.....	(NA)	554	(NA)	(NA)	(NA)	6,158	(NA)	8,549	103,708	50,941	154,649	(NA)	(NA)	(NA)
INDUSTRY 2732.—BOOK PRINTING														
1963.....	662	683	275	36,101	214,175	29,641	59,563	164,559	358,294	189,980	546,587	24,945	78	69
1962 ¹	(NA)	(NA)	(NA)	34,154	197,803	28,733	57,728	153,652	318,224	165,114	478,786	(19,503)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	33,002	189,173	27,925	57,455	148,202	322,721	165,161	483,779	(17,618)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	31,418	173,283	26,562	53,673	135,531	297,759	164,749	462,921	16,614	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	29,322	160,399	24,651	49,901	125,475	260,171	143,435	394,980	(14,609)	(NA)	(NA)
1958 ²	785	791	205	28,625	143,990	23,732	46,758	112,312	226,793	130,418	357,652	10,846	72	60
1957 ¹	(NA)	(NA)	(NA)	23,195	115,160	19,822	38,583	90,975	189,120	90,421	281,319	8,947	76	55
1956 ¹	(NA)	(NA)	(NA)	22,848	111,310	19,574	39,634	89,882	172,532	91,510	264,044	9,800	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2732.—BOOK PRINTING—Continued													
1955 ¹	(NA)	(NA)	(NA)	21,555	102,065	18,324	37,650	82,144	155,241	81,994	236,912	(S)	(NA)	(NA)
1954.....	592	598	153	22,695	100,439	19,090	37,927	78,356	144,988	79,971	224,959	7,243	76	55
1953 ¹	(NA)	(NA)	(NA)	17,999	76,245	15,220	30,715	60,370	115,647	47,925	163,572	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	17,530	76,750	15,000	31,325	60,100	109,913	65,559	175,472	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	16,369	64,091	14,028	28,589	50,516	83,718	48,074	131,792	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	15,495	53,682	13,446	27,323	44,530	78,469	36,326	114,795	(NA)	(NA)	(NA)
1947.....	(NA)	157	199	12,022	41,735	10,246	19,354	32,258	63,004	29,299	92,303	4,268	77	44
1939.....	(NA)	199	(NA)	(NA)	(NA)	7,628	(NA)	11,515	24,477	11,818	36,295	(NA)	(NA)	(NA)
	INDUSTRY 2741.—MISCELLANEOUS PUBLISHING													
1963.....	1,308	1,374	177	22,551	130,427	9,798	18,688	48,799	252,932	137,125	389,588	7,113	92	84
1962 ¹	(NA)	(NA)	(NA)	20,645	116,982	9,447	15,985	43,630	239,811	125,892	363,592	(7,219)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	21,153	115,932	8,950	15,697	42,992	245,172	124,015	367,500	(5,274)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	20,342	108,482	9,417	15,750	42,063	227,638	118,529	345,016	(5,013)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	19,802	101,142	8,662	13,628	36,730	213,157	113,091	324,471	(18,990)	(NA)	(NA)
1958 ²	1,037	1,104	163	19,301	91,753	6,538	12,029	28,633	199,181	109,014	307,916	5,993	89	87
1954.....	900	946	150	18,378	73,174	5,271	9,570	24,090	150,505	84,052	234,558	3,270	85	82
1953 ¹	(NA)	(NA)	(NA)	15,199	62,350	4,242	(NA)	16,461	110,020	36,759	146,779	(NA)	(NA)	(NA)
1947.....	569	611	(NA)	12,036	35,200	3,430	6,735	8,475	72,151	31,192	103,343	(NA)	93	78
1939.....	(NA)	175	(NA)	(NA)	(NA)	477	(NA)	640	12,560	5,393	17,953	(NA)	(NA)	(NA)

Note: See appendix A for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Data for years prior to 1958 do not include Alaska and Hawaii.

³The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$677.7 million.

⁴Does not include cost of contract work.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
INDUSTRY 2711.—NEWSPAPERS													
Total.....	8,331	1,865	306,439	1,784,570	160,061	294,541	935,160	3,201,872	1,281,146	4,483,592	135,198	295,622	2,528,774
New England.....	407	131	23,089	132,814	11,695	22,013	70,221	227,544	77,018	304,570	6,517	20,824	173,616
Maine.....	53	11	1,600	7,959	908	1,666	4,163	14,740	3,565	18,294	408	1,512	11,554
New Hampshire...	44	14	1,153	5,895	678	1,298	3,513	9,356	2,108	11,499	429	866	6,764
Vermont.....	26	9	636	3,042	383	754	1,726	5,550	1,246	6,801	184	668	4,321
Massachusetts...	187	57	13,013	77,797	6,478	12,330	41,043	131,067	48,315	179,361	3,419	11,928	100,244
Rhode Island....	21	7	1,610	9,866	821	1,498	5,174	16,517	6,004	22,521	357	1,499	13,631
Connecticut.....	76	33	5,077	28,255	2,427	4,467	14,602	50,314	15,780	66,094	1,720	4,351	37,102
Middle Atlantic...	1,125	308	62,614	404,826	34,656	60,838	210,841	684,299	290,793	975,234	23,647	64,546	560,130
New York.....	543	123	32,851	226,156	19,452	31,773	116,860	374,211	161,644	535,882	10,733	35,931	322,448
New Jersey.....	216	59	9,464	57,073	4,457	8,746	28,718	107,251	35,825	143,139	4,362	7,919	74,084
Pennsylvania....	366	126	20,299	121,597	10,747	20,319	65,263	202,837	93,324	296,213	8,552	20,696	163,598
East North Central	1,616	418	63,066	380,102	31,700	59,457	197,913	686,899	271,629	958,742	32,295	63,633	566,207
Ohio.....	332	116	16,233	102,649	8,682	16,934	54,914	184,170	67,747	251,948	10,887	16,975	154,028
Indiana.....	254	67	8,564	47,582	4,332	8,248	26,002	86,515	27,800	114,398	2,603	8,178	69,086
Illinois.....	458	108	19,507	121,182	9,853	17,528	62,482	208,183	95,553	303,758	10,509	19,729	173,787
Michigan.....	323	76	11,339	72,745	5,636	10,675	36,878	140,286	54,186	194,547	6,530	12,069	115,945
Wisconsin.....	249	51	7,423	35,944	3,197	6,072	17,637	67,745	26,343	94,091	1,766	6,682	53,361
West North Central	1,553	204	28,248	146,240	15,639	29,159	81,693	273,647	102,207	375,979	13,733	27,578	221,313
Minnesota.....	319	36	6,516	34,387	3,353	5,875	17,363	65,109	24,018	89,249	3,735	6,327	52,403
Iowa.....	313	43	6,025	30,297	3,299	6,214	16,817	55,056	15,324	70,318	2,184	5,644	46,961
Missouri.....	297	46	7,613	42,750	4,228	7,975	25,029	81,363	38,288	119,638	3,373	7,439	61,436
North Dakota....	83	13	1,046	5,127	705	1,250	3,510	8,940	2,683	11,638	542	964	7,126
South Dakota....	121	12	1,160	4,970	761	1,439	3,251	9,798	2,767	12,572	507	1,072	7,056
Nebraska.....	176	20	2,621	13,282	1,480	2,869	7,120	26,538	9,501	36,065	1,921	2,609	21,926
Kansas.....	244	34	3,267	15,427	1,813	3,537	8,603	26,843	9,626	36,503	1,471	3,523	24,405
South Atlantic....	924	230	38,785	205,179	19,935	36,638	104,844	385,023	161,428	546,556	22,214	34,654	280,632
Maryland.....	70	20	4,294	25,718	2,207	4,004	13,675	43,014	20,829	63,847	2,730	4,018	32,336
District of Columbia.....	23	8	4,789	29,550	2,759	4,209	16,284	55,591	28,462	84,055	1,094	3,846	35,491
Virginia.....	124	32	4,799	25,291	2,539	4,822	13,157	46,654	17,115	63,742	2,427	4,355	33,453
West Virginia...	81	14	2,304	10,462	1,187	2,250	5,676	19,186	5,645	24,827	455	2,727	19,391
North Carolina..	160	53	5,232	26,189	2,931	5,560	13,968	45,114	17,770	62,935	2,252	4,677	34,249
Georgia.....	170	29	4,277	21,756	2,327	4,544	12,066	44,157	20,477	64,654	1,116	4,092	33,628
Florida.....	204	54	10,241	51,559	4,578	8,688	23,132	101,067	42,547	143,642	11,159	8,295	70,471
East South Central	461	79	11,996	62,782	6,240	12,107	32,139	118,545	44,223	162,842	4,868	11,661	97,042
Kentucky.....	144	20	3,013	17,304	1,510	3,024	7,938	29,400	12,721	42,142	1,023	2,935	23,856
Tennessee.....	114	27	4,533	24,088	2,401	4,463	12,307	45,294	16,550	61,864	2,380	4,230	36,921
Alabama.....	104	15	2,941	15,044	1,511	2,975	8,519	31,365	10,624	42,003	976	3,046	26,999
Mississippi.....	99	17	1,509	6,346	818	1,645	3,375	12,486	4,328	16,833	489	1,450	9,266
West South Central	926	150	22,983	113,672	11,934	22,794	59,770	222,243	93,856	316,198	10,128	22,444	186,242
Arkansas.....	116	18	2,096	8,681	1,211	2,433	5,068	15,698	5,740	21,454	1,487	1,684	11,654
Louisiana.....	105	21	3,247	16,108	1,820	3,501	9,355	36,033	15,324	51,367	885	3,217	32,665
Oklahoma.....	190	23	3,580	17,447	1,951	3,779	9,063	33,981	12,404	46,414	2,670	3,679	28,155
Texas.....	515	88	14,060	71,436	6,952	13,081	36,284	136,531	60,388	196,963	5,086	13,864	113,768
Mountain.....	474	88	12,424	65,173	6,583	12,180	37,005	128,012	44,171	172,207	4,397	11,122	92,776
Montana.....	74	11	1,173	6,185	693	1,253	3,725	9,667	3,827	13,478	309	1,589	12,135
Idaho.....	66	11	1,017	5,055	585	1,095	3,129	9,702	2,173	11,878	472	983	8,114
Wyoming.....	33	8	542	2,569	284	575	1,475	4,661	1,012	5,673	239	481	3,851
Colorado.....	130	19	3,947	22,020	2,084	3,697	12,465	36,040	16,035	52,092	1,260	3,619	25,570
New Mexico.....	44	12	1,015	5,297	533	1,006	2,796	10,509	2,889	13,401	550	1,001	8,419
Arizona.....	59	15	2,631	13,109	1,123	2,122	6,647	31,344	9,503	40,859	926	1,944	19,084
Utah.....	38	7	1,172	6,429	653	1,245	3,892	16,927	5,538	22,465	226	984	10,269
Nevada.....	30	5	927	4,509	628	1,187	2,876	9,162	3,194	12,361	415	521	5,334
Pacific.....	845	257	43,234	273,782	21,679	39,355	140,734	475,660	195,821	671,264	17,399	39,160	350,816
Washington.....	163	37	5,301	31,963	2,613	4,528	16,108	56,171	18,962	75,150	3,034	5,357	49,451
Oregon.....	113	28	3,281	17,305	1,565	2,953	8,141	32,068	13,418	45,504	1,249	3,325	27,264
California.....	537	182	33,297	216,960	16,828	30,597	112,775	372,704	159,415	531,864	12,911	29,114	262,248
Alaska.....	16	3	299	1,917	155	302	975	3,121	793	3,917	94	252	2,838
Hawaii.....	16	7	1,056	5,637	518	975	2,735	11,596	3,233	14,829	111	1,112	9,015
Subindustry 2711-11.—Newspapers, Daily													
Total.....	1,560	1,332	252,492	1,561,750	125,952	228,880	792,680	2,818,924	1,113,719	3,932,644	107,638	(NA)	(NA)
New England.....	104	94	20,084	120,301	9,761	18,329	62,120	207,218	68,802	276,021	5,194	(NA)	(NA)
Maine.....	7	7	1,205	6,485	656	1,192	3,264	12,238	2,716	14,944	244	(NA)	(NA)
New Hampshire...	9	9	807	4,489	435	847	2,603	7,527	1,264	8,822	270	(NA)	(NA)
Vermont.....	8	8	498	2,528	294	578	1,382	4,762	812	5,576	108	(NA)	(NA)
Massachusetts...	52	44	11,823	72,722	5,688	10,790	37,582	122,111	44,835	166,914	2,967	(NA)	(NA)
Rhode Island....	6	6	1,490	9,409	759	1,386	4,920	15,675	5,702	21,377	297	(NA)	(NA)
Connecticut.....	22	20	4,261	24,668	1,929	3,536	12,369	44,905	13,473	58,388	1,308	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
Subindustry 2711-11.—Newspapers, Daily—Continued													
Middle Atlantic....	227	207	53,363	365,283	28,905	49,798	185,439	612,733	259,040	871,793	19,217	(NA)	(NA)
New York.....	96	87	28,810	208,911	16,863	26,804	105,475	341,669	148,210	489,858	8,905	(NA)	(NA)
New Jersey.....	27	26	7,264	47,478	3,138	6,192	22,598	89,640	29,190	118,853	3,372	(NA)	(NA)
Pennsylvania.....	104	94	17,289	108,894	8,904	16,802	57,366	181,424	81,640	263,082	6,940	(NA)	(NA)
East North Central.	335	297	52,445	335,080	25,090	46,791	169,606	610,027	237,694	847,821	26,733	(NA)	(NA)
Ohio.....	95	87	14,002	93,370	7,379	14,413	49,237	168,306	61,195	229,517	9,594	(NA)	(NA)
Indiana.....	74	59	7,467	43,573	3,636	6,873	23,400	79,710	24,837	104,619	2,037	(NA)	(NA)
Illinois.....	78	70	15,797	103,441	7,615	13,369	51,949	178,895	82,455	261,331	8,653	(NA)	(NA)
Michigan.....	53	51	9,311	64,334	4,263	8,026	31,029	125,534	46,978	172,530	5,446	(NA)	(NA)
Wisconsin.....	35	30	5,868	30,362	2,197	4,110	13,991	57,582	22,229	79,824	1,003	(NA)	(NA)
West North Central.	199	161	20,897	119,251	10,867	19,920	64,069	227,386	80,093	307,429	9,532	(NA)	(NA)
Minnesota.....	25	24	4,769	27,472	2,225	3,716	13,021	53,663	18,818	72,489	2,851	(NA)	(NA)
Iowa.....	42	36	4,432	24,496	2,261	4,197	12,948	45,296	10,993	56,210	1,214	(NA)	(NA)
Missouri.....	47	35	6,074	37,121	3,236	6,080	21,297	71,223	33,427	104,618	2,620	(NA)	(NA)
North Dakota.....	10	9	722	3,891	484	824	2,652	6,976	1,596	8,585	190	(NA)	(NA)
South Dakota.....	11	10	718	3,588	465	861	2,316	7,276	1,407	8,683	259	(NA)	(NA)
Nebraska.....	17	15	1,719	9,928	887	1,693	4,889	20,349	6,913	27,274	1,472	(NA)	(NA)
Kansas.....	47	32	2,463	12,755	1,309	2,549	6,946	22,603	6,939	29,570	926	(NA)	(NA)
South Atlantic.....	175	160	32,988	183,302	16,138	29,311	90,724	349,253	145,339	494,640	19,547	(NA)	(NA)
Maryland.....	10	10	3,559	22,489	1,704	3,011	11,620	38,716	17,878	56,590	2,436	(NA)	(NA)
District of Columbia.....	4	4	4,590	28,852	2,593	3,927	15,707	54,342	27,875	82,217	981	(NA)	(NA)
Virginia.....	27	24	3,953	22,242	1,995	3,769	11,266	41,479	15,044	56,522	2,121	(NA)	(NA)
West Virginia....	20	14	2,006	9,474	1,002	1,880	5,051	17,469	4,929	22,392	326	(NA)	(NA)
North Carolina....	36	35	4,048	21,549	2,131	3,998	10,877	38,558	15,010	53,582	1,705	(NA)	(NA)
Georgia.....	25	23	3,499	18,857	1,823	3,579	10,169	38,917	17,855	56,772	692	(NA)	(NA)
Florida.....	38	37	9,001	47,096	3,818	7,241	20,369	92,800	39,477	132,300	10,581	(NA)	(NA)
East South Central.	74	64	9,436	53,630	4,539	8,690	26,025	102,216	37,327	139,593	3,342	(NA)	(NA)
Kentucky.....	22	18	2,301	14,847	1,026	2,036	6,288	25,292	10,430	35,741	535	(NA)	(NA)
Tennessee.....	21	20	3,818	21,576	1,911	3,492	10,563	40,719	14,805	55,536	2,007	(NA)	(NA)
Alabama.....	16	12	2,282	12,472	1,085	2,129	6,839	27,043	9,027	36,075	580	(NA)	(NA)
Mississippi.....	15	14	1,035	4,735	517	1,033	2,335	9,162	3,065	12,241	220	(NA)	(NA)
West South Central.	182	126	18,920	99,661	9,339	17,643	50,736	198,078	81,934	280,098	7,882	(NA)	(NA)
Arkansas.....	27	18	1,651	7,297	928	1,867	4,168	13,397	4,365	17,768	1,255	(NA)	(NA)
Louisiana.....	17	15	2,605	13,759	1,402	2,674	7,853	32,134	13,617	45,752	467	(NA)	(NA)
Oklahoma.....	45	21	2,848	14,866	1,478	2,859	7,385	29,390	10,318	39,731	2,240	(NA)	(NA)
Texas.....	93	72	11,816	63,739	5,531	10,243	31,330	123,157	53,634	176,847	3,920	(NA)	(NA)
Mountain.....	95	70	9,956	54,956	4,869	8,829	29,499	110,099	37,009	147,095	2,924	(NA)	(NA)
Montana.....	13	10	895	5,017	506	894	2,902	7,903	2,914	10,792	171	(NA)	(NA)
Idaho.....	13	10	764	4,221	426	768	2,591	8,246	1,402	9,649	349	(NA)	(NA)
Wyoming.....	8	8	409	2,056	197	396	1,116	3,729	574	4,302	156	(NA)	(NA)
Colorado.....	23	14	3,184	18,687	1,538	2,643	9,886	30,238	13,727	43,973	803	(NA)	(NA)
New Mexico.....	16	11	867	4,780	439	820	2,485	9,580	2,506	12,086	482	(NA)	(NA)
Arizona.....	11	8	2,085	10,587	740	1,390	4,781	26,915	8,263	35,179	574	(NA)	(NA)
Pacific.....	169	153	34,403	230,286	16,444	29,569	114,462	401,914	166,481	568,154	13,267	(NA)	(NA)
Washington.....	23	21	4,259	27,137	1,970	3,341	13,096	48,265	15,886	64,169	2,504	(NA)	(NA)
Oregon.....	19	18	2,514	14,261	1,117	2,118	6,264	26,217	11,396	37,613	645	(NA)	(NA)
California.....	118	107	26,544	182,558	12,840	23,127	92,051	314,540	135,608	449,890	10,027	(NA)	(NA)
Subindustry 2711-13.—Newspapers, Weekly and Others													
Total.....	6,771	533	53,947	222,820	34,109	65,661	142,480	382,948	167,427	550,948	27,560	(NA)	(NA)
New England.....	303	37	3,005	12,513	1,934	3,684	8,101	20,326	8,216	28,549	1,323	(NA)	(NA)
Maine.....	46	4	395	1,474	252	474	899	2,502	849	3,350	164	(NA)	(NA)
New Hampshire....	35	5	346	1,406	243	451	910	1,829	844	2,677	159	(NA)	(NA)
Vermont.....	18	1	138	514	89	176	344	788	434	1,225	76	(NA)	(NA)
Massachusetts....	135	12	1,190	5,075	790	1,540	3,461	8,956	3,480	12,447	452	(NA)	(NA)
Rhode Island.....	15	1	120	457	62	112	254	842	302	1,144	60	(NA)	(NA)
Connecticut.....	54	13	816	3,587	498	931	2,233	5,409	2,307	7,706	412	(NA)	(NA)
Middle Atlantic....	898	101	9,251	39,543	5,751	11,040	25,402	71,566	31,753	103,441	4,430	(NA)	(NA)
New York.....	447	36	4,041	17,245	2,589	4,969	11,385	32,542	13,434	46,024	1,828	(NA)	(NA)
New Jersey.....	189	33	2,200	9,595	1,319	2,554	6,120	17,611	6,635	24,286	990	(NA)	(NA)
Pennsylvania.....	262	32	3,010	12,703	1,843	3,517	7,897	21,413	11,684	33,131	1,612	(NA)	(NA)
East North Central.	1,281	121	10,621	45,022	6,610	12,666	28,307	76,872	33,935	110,921	5,562	(NA)	(NA)
Ohio.....	237	29	2,231	9,279	1,303	2,521	5,677	15,864	6,552	22,431	1,293	(NA)	(NA)
Indiana.....	180	8	1,097	4,009	696	1,375	2,602	6,805	2,963	9,779	566	(NA)	(NA)
Illinois.....	380	38	3,710	17,741	2,238	4,159	10,533	29,288	13,098	42,427	1,856	(NA)	(NA)
Michigan.....	270	25	2,028	8,411	1,373	2,649	5,849	14,752	7,208	22,017	1,084	(NA)	(NA)
Wisconsin.....	214	21	1,555	5,582	1,000	1,962	3,646	10,163	4,114	14,267	763	(NA)	(NA)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)	
Subindustry 2711-13.—Newspapers, Weekly and Others—Continued													
West North Central.	1,354	43	7,351	26,989	4,772	9,239	17,624	46,261	22,114	68,550	4,201	(NA)	(NA)
Minnesota.....	294	12	1,747	6,915	1,128	2,159	4,342	11,446	5,200	16,756	884	(NA)	(NA)
Iowa.....	271	7	1,593	5,801	1,038	2,017	3,869	9,760	4,331	14,108	970	(NA)	(NA)
Missouri.....	250	11	1,539	5,629	992	1,895	3,732	10,140	4,861	15,020	753	(NA)	(NA)
North Dakota.....	73	4	324	1,236	221	426	858	1,964	1,087	3,053	352	(NA)	(NA)
South Dakota.....	110	2	442	1,382	296	578	935	2,522	1,360	3,889	248	(NA)	(NA)
Nebraska.....	159	5	902	3,354	593	1,176	2,231	6,189	2,588	8,791	449	(NA)	(NA)
Kansas.....	197	2	804	2,672	504	988	1,657	4,240	2,687	6,933	545	(NA)	(NA)
South Atlantic.....	749	70	5,797	21,877	3,797	7,327	14,120	35,770	16,089	51,916	2,667	(NA)	(NA)
Maryland.....	60	10	735	3,229	503	993	2,055	4,298	2,951	7,257	294	(NA)	(NA)
District of Columbia.....	19	4	199	698	166	282	577	1,249	587	1,838	113	(NA)	(NA)
Virginia.....	97	8	846	3,049	544	1,053	1,891	5,175	2,071	7,220	306	(NA)	(NA)
West Virginia.....	61	-	298	988	185	370	625	1,717	716	2,435	129	(NA)	(NA)
North Carolina.....	124	18	1,184	4,640	800	1,562	3,091	6,556	2,760	9,353	547	(NA)	(NA)
Georgia.....	145	6	778	2,899	504	965	1,897	5,240	2,622	7,882	424	(NA)	(NA)
Florida.....	166	17	1,240	4,463	760	1,447	2,763	8,267	3,070	11,342	578	(NA)	(NA)
East South Central.	387	15	2,560	9,152	1,701	3,417	6,114	16,329	6,896	23,249	1,526	(NA)	(NA)
Kentucky.....	122	2	712	2,457	484	988	1,650	4,108	2,291	6,401	488	(NA)	(NA)
Tennessee.....	93	7	715	2,512	490	971	1,744	4,575	1,745	6,328	373	(NA)	(NA)
Alabama.....	88	3	659	2,572	426	846	1,680	4,322	1,597	5,928	396	(NA)	(NA)
Mississippi.....	84	3	474	1,611	301	612	1,040	3,324	1,263	4,592	269	(NA)	(NA)
West South Central.	744	24	4,063	14,011	2,595	5,151	9,034	24,165	11,922	36,100	2,246	(NA)	(NA)
Arkansas.....	89	-	445	1,384	283	566	900	2,301	1,375	3,686	232	(NA)	(NA)
Louisiana.....	88	6	642	2,349	418	827	1,502	3,899	1,707	5,615	418	(NA)	(NA)
Oklahoma.....	145	2	732	2,581	473	920	1,678	4,591	2,086	6,683	430	(NA)	(NA)
Texas.....	422	16	2,244	7,697	1,421	2,838	4,954	13,374	6,754	20,116	1,166	(NA)	(NA)
Mountain.....	379	18	2,468	10,217	1,714	3,351	7,506	17,913	7,162	25,112	1,473	(NA)	(NA)
Montana.....	61	1	278	1,168	187	359	823	1,764	913	2,686	138	(NA)	(NA)
Idaho.....	53	1	253	834	159	327	538	1,456	771	2,229	123	(NA)	(NA)
Wyoming.....	25	-	133	513	87	179	359	932	438	1,371	83	(NA)	(NA)
Colorado.....	107	5	763	3,333	546	1,054	2,579	5,802	2,308	8,119	457	(NA)	(NA)
New Mexico.....	28	1	148	517	94	186	311	929	383	1,315	68	(NA)	(NA)
Arizona.....	48	7	546	2,522	383	732	1,866	4,429	1,240	5,680	352	(NA)	(NA)
Pacific.....	676	104	8,831	43,496	5,235	9,786	26,272	73,746	29,340	103,110	4,132	(NA)	(NA)
Washington.....	140	16	1,042	4,826	643	1,187	3,012	7,906	3,076	10,981	530	(NA)	(NA)
Oregon.....	94	10	767	3,044	448	835	1,877	5,851	2,022	7,891	604	(NA)	(NA)
California.....	419	75	6,752	34,402	3,988	7,470	20,724	58,164	23,807	81,974	2,884	(NA)	(NA)
INDUSTRY 2721.—PERIODICALS													
Total.....	2,630	402	67,730	461,124	12,257	22,134	65,573	1,349,030	958,118	2,295,716	33,784	66,749	974,513
New England.....	128	14	2,335	12,826	218	403	788	26,848	41,216	66,731	309	1,749	16,758
Massachusetts.....	72	6	645	3,753	134	253	607	9,751	3,618	13,320	163	707	7,818
Connecticut.....	37	8	1,603	8,681	64	125	134	16,184	37,031	51,932	109	969	8,366
Middle Atlantic.....	860	163	36,608	271,842	4,968	8,510	26,789	915,423	711,653	1,618,895	15,453	38,442	661,142
New York.....	665	133	29,122	227,847	2,449	4,515	13,962	766,701	593,719	1,352,804	14,394	30,762	546,035
New Jersey.....	83	10	756	5,393	97	174	381	14,897	8,222	23,566	129	582	8,412
Pennsylvania.....	112	20	6,730	38,602	2,422	3,821	12,446	133,825	109,712	242,525	930	7,098	106,695
East North Central.	518	97	10,633	69,510	2,160	3,906	11,965	165,252	74,924	240,190	3,783	10,729	128,582
Ohio.....	89	19	3,148	18,767	845	1,566	4,745	47,143	20,470	67,459	1,705	3,274	39,080
Indiana.....	44	5	383	1,738	153	237	681	4,390	2,057	6,463	88	550	5,872
Illinois.....	257	58	5,852	41,556	840	1,543	4,640	93,307	42,125	135,562	1,658	5,567	70,784
Michigan.....	70	8	563	3,897	128	217	881	9,760	5,917	15,683	180	597	7,229
Wisconsin.....	58	7	687	3,552	194	343	1,018	10,652	4,355	15,023	152	741	5,617
West North Central.	209	37	6,912	38,072	2,777	5,501	15,764	86,838	40,579	127,141	2,808	6,344	65,147
Minnesota.....	59	10	983	5,667	106	204	550	12,871	7,380	20,225	332	739	7,381
Missouri.....	68	19	2,626	13,116	1,245	2,427	6,121	25,440	14,355	39,302	883	(²)	(²)
Nebraska.....	13	2	497	2,434	311	582	1,383	4,638	2,277	6,909	141	231	2,010
South Atlantic.....	255	28	4,839	34,466	338	619	1,732	75,118	47,229	121,207	6,937	4,502	50,291
Maryland.....	24	3	664	3,845	58	111	347	7,455	8,241	15,646	(D)	230	1,960
District of Columbia.....	73	18	3,257	25,558	93	144	494	57,186	33,399	89,524	(D)	3,319	39,298
Virginia.....	20	1	107	598	20	52	125	1,160	803	1,947	23	120	963
North Carolina.....	28	-	133	636	33	40	127	1,392	873	2,264	77	180	1,246
Georgia.....	33	4	385	2,483	90	183	410	4,629	2,004	6,635	43	354	4,091
Florida.....	63	2	240	1,159	27	53	180	2,997	1,701	4,686	82	249	2,496

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2721.—PERIODICALS—Continued													
East South Central.	79	14	1,855	8,242	522	930	1,964	15,682	11,970	27,114	(D)	857	8,505
Kentucky.....	24	5	236	1,205	111	196	511	1,463	1,319	2,781	59	(²)	(²)
Tennessee.....	37	8	1,515	6,522	389	690	1,344	13,196	10,172	22,834	(D)	405	3,012
West South Central.	162	9	1,031	5,754	301	578	1,723	15,108	5,778	20,910	526	1,143	11,628
Louisiana.....	31	2	107	535	19	40	110	1,223	487	1,724	21	119	1,314
Oklahoma.....	16	1	146	821	105	232	644	4,229	945	5,173	37	339	3,928
Texas.....	104	5	716	4,058	157	270	867	8,899	3,761	12,642	452	729	5,791
Mountain.....	78	9	995	5,280	496	856	2,148	13,343	3,944	17,267	233	544	6,191
Colorado.....	26	4	652	3,808	375	669	1,715	10,122	2,686	12,786	158	341	4,295
Arizona.....	22	1	127	546	39	74	146	891	540	1,441	23	(²)	(²)
Pacific.....	341	31	2,522	15,132	477	831	2,700	35,418	20,825	56,261	1,307	2,439	26,269
Washington.....	34	2	152	859	33	59	143	1,862	1,024	2,865	42	143	1,225
California.....	277	27	2,205	13,479	391	690	2,371	31,816	19,230	51,086	1,221	2,175	24,328
Subindustry 2721-11.—Periodicals, Publishing Only													
Total.....	2,310	314	49,436	351,995	3,894	7,064	19,284	1,097,071	842,565	1,929,420	27,619	45,954	722,592
New England.....	120	11	2,167	11,874	115	227	391	25,172	40,896	64,732	236	1,512	14,390
Middle Atlantic....	804	143	28,738	221,809	1,826	3,406	9,282	792,638	639,478	1,424,901	14,101	29,392	528,925
New York.....	630	121	25,902	205,498	1,396	2,647	6,969	728,896	586,136	1,307,485	13,661	27,597	505,163
New Jersey.....	75	8	652	4,874	37	70	99	13,875	8,036	22,358	115	493	7,740
Pennsylvania.....	99	14	2,184	11,437	393	689	2,214	49,867	45,306	95,058	325	1,302	16,022
East North Central.	448	76	7,606	50,745	838	1,487	4,606	123,726	63,116	187,004	2,174	6,296	81,954
Ohio.....	75	15	1,663	8,922	302	533	1,493	22,376	15,059	37,383	516	1,379	15,887
Indiana.....	33	3	174	988	37	29	243	3,291	1,486	4,771	42	139	1,662
Illinois.....	235	48	4,961	36,104	409	775	2,301	82,683	38,040	120,872	1,462	4,186	57,735
Michigan.....	59	5	341	2,409	19	21	169	7,000	5,066	12,079	76	377	5,129
Wisconsin.....	46	5	467	2,322	71	129	400	8,376	3,465	11,899	78	215	1,541
West North Central.	160	20	1,945	10,428	408	799	1,739	23,974	15,035	38,885	599	1,567	15,162
Missouri.....	52	11	882	4,692	336	648	1,324	10,850	6,535	17,302	268	(²)	(²)
South Atlantic.....	222	23	4,425	32,062	118	199	604	71,926	46,174	116,959	6,744	3,821	44,938
East South Central.	63	6	1,345	6,188	229	378	846	12,503	10,294	22,218	2,280	425	3,973
Tennessee.....	27	3	1,146	5,193	175	291	622	10,816	8,953	19,196	2,239	(²)	(²)
West South Central.	134	6	669	3,790	70	131	321	8,711	4,308	13,025	191	529	6,479
Texas.....	88	4	515	3,025	47	89	215	7,148	3,216	10,345	154	(²)	(²)
Mountain.....	58	4	443	2,482	90	89	295	7,278	3,192	10,478	91	436	4,967
Pacific.....	301	25	2,089	12,617	200	348	1,200	31,143	20,072	51,218	1,203	1,976	21,804
California.....	249	24	1,895	11,558	190	325	1,141	28,680	18,672	47,377	1,152	1,748	20,190
Subindustry 2721-13.—Periodicals, Publishing and Printing													
Total.....	320	88	18,294	109,129	8,363	15,070	46,289	251,959	115,553	366,296	6,165	20,795	251,921
New England.....	8	3	168	952	103	176	397	1,676	320	1,999	73	237	2,368
Middle Atlantic....	56	20	7,870	50,033	3,142	5,104	17,507	122,785	72,175	193,994	1,352	9,050	132,217
New York.....	35	12	3,220	22,349	1,053	1,868	6,993	37,805	7,583	45,319	733	3,165	40,872
New Jersey.....	8	2	104	519	60	104	282	1,022	186	1,208	14	(²)	(²)
Pennsylvania.....	13	6	4,546	27,165	2,029	3,132	10,232	83,958	64,406	147,467	605	5,796	90,673
East North Central.	70	21	3,027	18,765	1,322	2,419	7,359	41,526	11,808	53,186	1,609	4,433	46,628
Ohio.....	14	4	1,485	9,845	543	1,033	3,252	24,767	5,411	30,076	1,189	1,895	23,193
Indiana.....	11	2	209	750	116	208	438	1,099	571	1,692	46	411	4,210
Illinois.....	22	10	891	5,452	431	768	2,339	10,624	4,085	14,690	196	1,381	13,049
Michigan.....	11	3	222	1,488	109	196	712	2,760	851	3,604	104	220	2,100
Wisconsin.....	12	2	220	1,230	123	214	618	2,276	890	3,124	74	526	4,076
West North Central.	49	17	4,958	27,644	2,369	4,702	14,025	62,864	25,544	88,256	2,209	4,777	49,985
Missouri.....	16	8	1,744	8,424	909	1,779	4,797	14,590	7,820	22,000	615	(²)	(²)
South Atlantic.....	33	5	414	2,404	220	420	1,128	3,192	1,055	4,248	193	681	5,353
East South Central.	16	8	510	2,054	293	552	1,118	3,179	1,676	4,896	148	432	4,532
Tennessee.....	10	5	369	1,329	214	399	722	2,380	1,219	3,638	109	(²)	(²)
West South Central.	28	3	362	1,964	231	447	1,402	6,397	1,470	7,885	335	614	5,149
Texas.....	16	1	201	1,033	110	181	652	1,751	545	2,297	298	(²)	(²)
Mountain.....	20	5	552	2,798	406	767	1,853	6,065	752	6,789	142	108	1,224
Pacific.....	40	6	433	2,515	277	483	1,500	4,275	753	5,043	104	463	4,465
California.....	28	3	310	1,921	201	365	1,230	3,136	558	3,709	69	427	4,138

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2731.—BOOKS, PUBLISHING AND PRINTING													
Total.....	993	256	46,812	280,664	11,810	23,450	59,474	995,736	582,345	1,534,632	25,426	38,502	616,241
New England.....	61	16	2,133	14,421	442	882	2,158	83,562	43,282	120,817	2,378	1,342	44,781
Massachusetts....	33	13	1,892	13,238	323	629	1,596	80,006	41,211	115,318	2,301	1,055	42,687
Middle Atlantic....	451	120	24,665	148,378	3,432	6,840	17,590	554,800	356,564	893,635	11,884	20,151	345,101
New York.....	371	99	19,189	118,361	2,322	4,785	12,229	466,284	310,129	761,377	9,872	15,239	281,239
New Jersey.....	41	12	4,036	22,052	465	792	1,886	62,580	33,411	94,408	1,603	3,118	42,483
Pennsylvania.....	39	9	1,440	7,965	645	1,263	3,475	25,936	13,024	37,850	409	1,794	21,379
East North Central.	183	62	12,765	78,569	4,069	8,288	22,496	274,096	131,196	387,138	6,451	9,847	158,417
Ohio.....	30	9	1,834	11,012	872	1,808	4,724	28,969	20,537	45,108	524	1,686	15,751
Indiana.....	14	7	1,075	5,095	392	851	2,764	9,346	3,728	13,205	169	856	6,375
Illinois.....	99	36	7,073	44,233	1,250	2,559	5,798	193,930	82,321	264,271	4,872	4,804	116,298
West North Central.	56	16	3,091	18,558	1,861	3,562	9,315	37,378	18,887	55,408	2,292	3,253	28,824
Minnesota.....	17	4	2,003	12,377	1,432	2,699	7,307	20,260	9,250	29,249	(D)	1,902	16,034
Missouri.....	19	10	938	5,515	362	718	1,798	15,515	8,721	23,662	(D)	1,122	9,999
South Atlantic.....	66	7	1,048	5,649	523	1,035	2,182	11,233	8,161	19,092	374	964	8,606
Maryland.....	12	2	139	922	39	92	187	2,180	2,219	4,253	19	236	2,171
District of Columbia.....	18	1	438	2,247	240	478	1,175	4,186	2,640	6,557	(D)	395	3,387
East South Central.	21	6	796	3,047	486	927	1,725	7,527	5,170	12,760	830	888	11,211
West South Central.	29	8	482	2,405	269	497	1,113	4,590	2,956	7,584	207	1,056	8,250
Texas.....	21	4	326	1,519	209	377	896	2,840	1,675	4,441	159	938	7,213
Mountain.....	18	3	129	521	83	186	336	970	589	1,546	56	304	2,765
Pacific.....	108	18	1,703	9,116	645	1,233	2,559	21,583	15,540	36,652	954	697	8,286
California.....	96	17	1,587	8,694	566	1,089	2,342	20,891	14,934	35,356	836	630	7,406
Subindustry 2731-11.—Books, Publishing Only													
Total.....	790	188	32,836	200,470	3,297	6,680	15,749	826,070	494,895	1,284,338	18,002	26,284	518,794
New England.....	47	13	1,938	13,593	314	594	1,678	81,706	42,425	118,158	2,312	1,247	44,105
Middle Atlantic....	404	104	22,264	133,684	2,023	4,080	10,079	521,691	340,510	845,444	10,938	17,214	313,865
New York.....	344	91	17,755	108,702	1,442	3,030	7,313	447,664	300,781	733,730	9,315	13,429	260,214
New Jersey.....	34	9	3,849	21,051	354	598	1,346	60,768	32,471	91,717	1,584	(²)	(²)
Pennsylvania.....	26	4	660	3,931	227	452	1,420	13,259	7,258	19,997	39	(²)	(²)
East North Central.	132	39	6,137	37,730	500	1,047	1,928	180,835	81,095	249,035	3,877	5,588	127,586
Ohio.....	18	4	417	2,284	38	104	179	5,272	3,833	9,028	63	509	8,081
Illinois.....	78	25	5,039	32,136	295	571	1,204	163,662	71,305	223,671	3,721	4,283	110,789
West North Central.	40	7	515	3,488	58	109	242	12,657	7,266	19,409	65	753	9,488
Missouri.....	13	5	373	2,729	42	69	174	10,454	5,886	15,804	(D)	(²)	(²)
South Atlantic.....	44	4	406	2,817	76	167	356	6,450	5,305	11,590	225	1,036	17,965
East South Central.	13	2	178	818	10	23	98	2,349	3,310	5,774	54		
West South Central.	14	3	148	1,146	19	51	123	2,553	1,865	4,520	79		
Mountain.....	12	1	50	184	22	50	90	440	333	765	15		
Pacific.....	84	15	1,200	7,010	275	559	1,155	17,389	12,786	29,643	437	446	5,785
Subindustry 2731-13.—Books, Publishing and Printing													
Total.....	203	68	13,976	80,194	8,513	16,770	43,725	169,666	87,450	250,294	7,424	12,218	97,447
New England.....	14	3	195	828	128	288	480	1,856	857	2,659	66	95	676
Middle Atlantic....	47	16	2,401	14,694	1,409	2,760	7,511	33,109	16,054	48,191	946	2,936	31,233
New York.....	27	8	1,434	9,659	880	1,755	4,916	18,620	9,348	27,647	557	1,810	21,025
New Jersey.....	7	3	187	1,001	111	194	540	1,812	940	2,691	19	(²)	(²)
Pennsylvania.....	13	5	780	4,034	418	811	2,055	12,677	5,766	17,853	370	(²)	(²)
East North Central.	51	23	6,628	40,839	3,569	7,241	20,568	93,261	50,101	138,103	2,574	4,269	30,944
Ohio.....	12	5	1,417	8,728	834	1,704	4,545	23,697	16,704	36,080	461	1,177	7,670
Illinois.....	21	11	2,034	12,097	955	1,988	4,594	30,268	11,016	40,600	1,151	521	5,509
West North Central.	16	9	2,576	15,070	1,803	3,453	9,073	24,718	11,621	35,999	2,227	2,500	19,336
Missouri.....	6	5	565	2,786	320	649	1,624	5,061	2,835	7,858	(D)	(²)	(²)
South Atlantic.....	22	3	642	2,832	447	868	1,826	4,783	2,856	7,502	149	1,872	10,102
East South Central.	8	4	618	2,229	476	904	1,627	5,178	1,860	6,986	776		
West South Central.	15	5	334	1,259	250	446	990	2,037	1,091	3,064	128		
Mountain.....	6	2	79	337	61	136	246	530	256	781	41		
Pacific.....	24	3	503	2,106	370	674	1,404	4,194	2,754	7,009	517	555	5,156

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2732.—BOOK PRINTING													
Total.....	683	275	36,101	214,175	29,641	59,563	164,559	358,294	189,980	546,587	24,945	28,625	226,793
New England.....	68	32	6,089	35,034	5,068	9,800	28,191	51,734	20,799	70,287	3,561	4,822	30,589
Massachusetts....	43	18	4,643	26,802	3,934	7,766	21,793	39,328	14,917	52,159	3,004	3,700	21,812
Connecticut.....	11	6	254	1,672	200	460	1,185	2,368	1,444	3,765	94	175	1,592
Middle Atlantic....	252	97	10,507	67,254	8,548	17,170	50,584	108,603	61,692	169,721	4,150	9,290	79,253
New York.....	173	68	6,786	45,478	5,431	10,859	34,136	76,587	43,371	119,585	2,818	5,947	56,387
New Jersey.....	37	10	1,298	7,644	1,104	2,005	5,860	10,753	4,431	15,227	486	1,090	7,625
Pennsylvania.....	42	19	2,423	14,132	2,013	4,306	10,588	21,263	13,890	34,909	846	2,253	15,241
East North Central.	116	48	8,943	55,443	7,611	15,929	44,836	96,518	57,121	154,396	11,796	7,433	63,057
Ohio.....	32	16	2,034	12,452	1,738	3,699	9,630	22,348	15,152	37,176	5,192	980	8,896
Indiana.....	14	8	3,881	23,074	3,325	7,138	19,105	36,731	21,149	58,956	4,460	3,357	25,522
Illinois.....	38	14	1,911	13,597	1,610	3,212	10,950	24,302	10,174	34,474	1,305	2,233	20,212
West North Central.	40	21	2,241	11,644	1,752	3,155	8,177	20,139	10,996	30,706	1,070	1,433	13,111
Minnesota.....	14	5	214	1,111	171	308	791	1,833	710	2,508	80	134	725
Missouri.....	13	9	1,224	6,602	932	1,648	4,583	11,687	6,866	18,234	513	1,058	10,587
South Atlantic.....	78	35	3,438	18,061	2,865	5,768	13,423	30,649	17,520	48,274	1,479	2,308	15,629
Maryland.....	18	10	961	5,399	829	1,764	3,959	8,909	5,290	14,151	729	489	3,495
District of Columbia.....	6	5	635	4,249	496	973	3,350	6,221	5,092	11,390	154	268	2,412
North Carolina...	7	4	356	1,638	316	633	1,149	3,039	1,480	4,510	203	253	1,192
South Carolina....	6	4	226	1,112	159	333	714	1,979	1,068	3,070	90	163	914
Florida.....	20	4	331	1,826	263	559	1,281	2,906	1,715	4,599	148	(²)	(²)
East South Central.	20	9	1,954	10,640	1,549	3,330	7,889	16,806	6,549	24,066	1,585	2,109	15,007
West South Central.	35	13	1,265	6,174	970	1,945	4,261	13,456	6,613	20,117	441	541	3,610
Texas.....	17	7	932	4,690	696	1,406	3,108	10,226	5,310	15,585	338	230	1,665
Mountain.....	15	6	647	2,979	474	895	2,103	9,165	3,283	12,328	367	82	782
Pacific.....	59	14	1,017	6,946	804	1,571	5,095	11,224	5,407	16,692	496	607	5,755
California.....	54	13	897	6,039	707	1,386	4,454	9,845	4,886	14,783	477	538	5,192
INDUSTRY 2741.—MISCELLANEOUS PUBLISHING													
Total.....	1,374	177	22,551	130,427	9,798	18,688	48,799	252,932	137,125	389,588	7,113	19,301	199,181
New England.....	65	9	1,114	5,096	528	1,031	2,178	11,151	5,154	16,442	161	1,011	8,606
Massachusetts....	37	6	597	2,778	321	677	1,445	4,615	3,229	7,970	95	703	6,376
Connecticut.....	16	2	413	1,847	164	284	560	5,665	1,563	7,262	58	(²)	(²)
Middle Atlantic....	532	64	8,427	51,638	2,509	4,915	13,936	102,418	45,979	148,725	2,842	6,899	82,802
New York.....	440	48	7,152	45,017	2,088	4,115	12,024	89,671	38,720	128,475	2,516	5,734	71,586
New Jersey.....	38	7	757	4,533	202	393	1,074	8,917	4,581	13,571	237	526	6,066
Pennsylvania.....	53	9	518	2,088	219	407	838	3,830	2,678	6,679	89	639	5,150
North Central.....	323	61	7,406	46,028	3,354	6,395	17,622	92,031	63,947	155,746	2,786	6,455	66,080
Illinois.....	101	25	4,175	32,094	2,012	3,914	12,346	67,939	36,831	102,528	1,336	3,788	45,712
Michigan.....	52	5	566	2,179	144	243	503	4,202	2,751	6,944	200	(²)	(²)
Wisconsin.....	27	4	290	1,265	186	319	702	2,771	1,160	3,940	153	(²)	(²)
Iowa.....	18	1	121	425	55	92	182	887	343	1,225	71	(²)	(²)
Missouri.....	22	4	1,490	77	126	289	2,264	1,033	3,327	26	3	414	3,030
Kansas.....	12	4	428	1,615	294	595	1,107	2,985	1,354	4,213	95	297	1,924
South Atlantic.....	113	12	1,506	7,349	719	1,394	2,822	10,834	5,262	16,055	351	(²)	(²)
Maryland.....	16	2	191	664	40	77	134	1,391	597	1,999	21	(²)	(²)
District of Columbia.....	20	2	416	3,014	51	100	326	4,308	2,469	6,708	47	(²)	(²)
Florida.....	40	2	176	796	95	169	463	1,354	867	2,235	184	206	1,737
East South Central.	38	3	474	1,790	247	442	917	3,988	2,269	5,730	168	(²)	(²)
West South Central.	67	7	757	3,069	549	1,074	1,961	5,474	1,452	6,745	78	(²)	(²)
Texas.....	53	5	646	2,541	486	945	1,746	4,631	1,262	5,712	64	(²)	(²)
Mountain.....	30	2	474	2,179	319	561	1,147	4,970	3,922	8,865	99	2,825	
Pacific.....	207	19	2,393	13,278	1,573	2,876	8,216	22,066	9,140	31,280	628	26,690	
Washington.....	18	2	234	1,223	112	193	637	1,908	617	2,530	26	(²)	(²)
California.....	183	15	2,102	11,756	1,442	2,653	8,726	19,668	8,340	28,078	590	2,411	23,666

Footnotes on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Footnotes for Table 2-27A—Continued

Standard Notes: (.) - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State.

SIC 2711, Newspapers: South Atlantic—Delaware, 14 (657); South Carolina, 78 (2,192).
SIC 2711-11, Newspapers, Daily: South Atlantic—Delaware, 2 (500-999); South Carolina, 13 (1,000-2,499); Mountain—Utah, 5 (500-999); Nevada, 6 (500-999); Pacific—Alaska, 5 (250-499); Hawaii, 4 (500-999).

SIC 2711-13, Newspapers, Weekly and Others: South Atlantic—Delaware, 12 (20-99); South Carolina, 65 (250-499); Mountain—Utah, 33 (100-249); Nevada, 24 (100-249); Pacific—Alaska, 11 (20-99); Hawaii, 12 (100-249).

SIC 2721, Periodicals: New England—Maine, 5 (20-99); New Hampshire, 8 (20-99); Vermont, 4 (1-19); Rhode Island, 2 (1-19); West North Central—Iowa, 35 (1,000-2,499); North Dakota, 3 (1-19); South Dakota, 3 (20-99); Kansas, 28 (330); South Atlantic—Delaware, 1 (1-19); West Virginia, 1 (1-19); South Carolina, 12 (20-99); East South Central—Alabama, 11 (20-99); Mississippi, 7 (20-99); West South Central—Arkansas, 11 (20-99); Mountain—Montana, 7 (20-99); Idaho, 2 (1-19); Wyoming, 1 (1-19); New Mexico, 8 (20-99); Utah, 9 (20-99); Nevada, 3 (1-19); Pacific—Oregon, 21 (20-99); Alaska, 4 (20-99); Hawaii, 5 (20-99).

SIC 2721-11, Periodicals, Publishing Only: New England—Maine, 4 (1-19); New Hampshire, 7 (20-99); Vermont, 3 (1-19); Massachusetts, 68 (250-499); Rhode Island, 2 (1-19); Connecticut, 36 (1,000-2,499); West North Central—Minnesota, 52 (500-999); Iowa, 23 (20-99); North Dakota, 1 (1-19); South Dakota, 2 (1-19); Nebraska, 7 (20-99); Kansas, 28 (100-249); South Atlantic—Maryland, 21 (500-999); District of Columbia, 68 (2500-4999); Virginia, 18 (20-99); West Virginia, 1 (1-19); North Carolina, 24 (100-249); South Carolina, 8 (20-99); Georgia, 28 (100-249); Florida, 54 (100-249); East South Central—Kentucky, 22 (100-249); Alabama, 9 (20-99); Mississippi, 5 (1-19); West South Central—Arkansas, 9 (20-99); Louisiana, 26 (20-99); Oklahoma, 11 (20-99); Mountain—Montana, 5 (20-99); Idaho, 2 (1-19); Wyoming, 1 (1-19); Colorado, 20 (250-499); New Mexico, 6 (20-99); Arizona, 18 (20-99); Utah, 5 (1-19); Nevada, 1 (1-19); Pacific—Washington, 27 (20-99); Oregon, 18 (20-99); Alaska, 4 (20-99); Hawaii, 3 (1-19).

SIC 2721-13, Periodicals, Publishing and Printing: New England—Maine, 1 (1-19); New Hampshire, 1 (1-19); Vermont, 1 (1-19); Massachusetts, 4 (100-249); Connecticut, 1 (1-19); West North Central—Minnesota, 7 (100-249); Iowa, 12 (1,000-2,499); North Dakota, 2 (1-19); South Dakota, 1 (20-99); Nebraska, 6 (250-499); Kansas, 5 (100-249); South Atlantic—Delaware, 1 (1-19); Maryland, 3 (20-99); District of Columbia, 5 (100-249); Virginia, 2 (20-99); North Carolina, 4 (1-19); South Carolina, 4 (20-99); Georgia, 5 (100-249); Florida, 9 (20-99); East South Central—Kentucky, 2 (20-99); Alabama, 2 (20-99); Mississippi, 2 (1-19); West South Central—Arkansas, 2 (1-19); Louisiana, 5 (20-99); Oklahoma, 5 (100-249); Mountain—Montana, 2 (1-19); Colorado, 6 (250-499); New Mexico, 2 (1-19); Arizona, 4 (20-99); Utah, 4 (20-99); Nevada, 2 (1-19); Pacific—Washington, 7 (20-99); Oregon, 3 (20-99); Hawaii, 2 (20-99).

SIC 2731, Books, Publishing and Printing: New England—Maine, 4 (20-99); New Hampshire, 8 (20-99); Vermont, 1 (20-99); Rhode Island, 2 (1-19); Connecticut, 13 (20-99); East North Central—Michigan, 24 (402); Wisconsin, 16 (2,381); West North Central—Iowa, 7 (20-99); North Dakota, 1 (1-19); Nebraska, 4 (20-99); Kansas, 8 (20-99); South Atlantic—Virginia, 10 (206); North Carolina, 5 (20-99); South Carolina, 2 (1-19); Georgia, 6 (100-249); Florida, 13 (20-99); East South Central—Kentucky, 7 (398); Tennessee, 9 (332); Alabama, 5 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 3 (20-99); Oklahoma, 4 (106); Mountain—Colorado, 5 (20-99); New Mexico, 2 (1-19); Arizona, 5 (20-99); Utah, 5 (20-99); Nevada, 1 (1-19); Pacific—Washington, 7 (20-99); Oregon, 3 (1-19); Hawaii, 2 (1-19).

SIC 2731-11, Books, Publishing Only: New England—Maine, 2 (1-19); New Hampshire, 5 (1-19); Massachusetts, 28 (1,000-2,499); Rhode Island, 1 (1-19); Connecticut, 11 (20-99); East North Central—Indiana, 9 (250-499); Michigan, 18 (100-249); Wisconsin, 9 (100-249); West North Central—Minnesota, 13 (20-99); Iowa, 6 (20-99); North Dakota, 1 (1-19); Nebraska, 3 (1-19); Kansas, 4 (1-19); South Atlantic—Maryland, 8 (100-249); District of Columbia, 16 (20-99); Virginia, 4 (1-19); North Carolina, 3 (1-19); South Carolina, 1 (1-19); Georgia, 5 (100-249); Florida, 7 (20-99); East South Central—Kentucky, 5 (1-19); Tennessee, 5 (100-249); Alabama, 3 (20-99); West South Central—Louisiana, 3 (20-99); Oklahoma, 1 (20-99); Texas, 10 (20-99); Mountain—Colorado, 3 (1-19); New Mexico, 1 (1-19); Arizona, 4 (20-99); Utah, 3 (1-19); Nevada, 1 (1-19); Pacific—Washington, 5 (1-19); Oregon, 2 (1-19); California, 77 (2,500-4,999); Hawaii, 1 (1-19).

SIC 2731-13, Books, Publishing and Printing: New England—Maine, 2 (20-99); New Hampshire, 3 (20-99); Vermont, 1 (20-99); Massachusetts, 5 (20-99); Rhode Island, 1 (1-19); Connecticut, 2 (1-19); East North Central—Indiana, 5 (500-999); Michigan, 6 (100-249); Wisconsin, 7 (1,000-2,499); West North Central—Minnesota, 4 (1,000-2,499); Iowa, 1 (20-99); Nebraska, 1 (1-19); Kansas, 4 (1-19); South Atlantic—Maryland, 4 (20-99); District of Columbia, 2 (250-499); Virginia, 6 (100-249); North Carolina, 2 (20-99); South Carolina, 1 (1-19); Georgia, 1 (1-19); Florida, 6 (1-19); East South Central—Kentucky, 2 (250-499); Tennessee, 4 (100-249); Alabama, 2 (20-99); West South Central—Arkansas, 1 (20-99); Oklahoma, 3 (20-99); Texas, 11 (100-249); Mountain—Colorado, 2 (20-99); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 2 (20-99); Pacific—Washington, 2 (20-99); Oregon, 1 (1-19); California, 20 (250-499); Hawaii, 1 (1-19).

SIC 2732, Book Printing: New England—Maine, 1 (1-19); New Hampshire, 4 (20-85); Vermont, 6 (500-999); Rhode Island, 3 (250-499); East North Central—Michigan, 24 (702); Wisconsin, 8 (415); West North Central—Iowa, 3 (20-99); Nebraska, 4 (20-99); Kansas, 6 (649); South Atlantic—Delaware, 1 (1-19); Virginia, 10 (737); West Virginia, 4 (20-99); Georgia, 6 (20-99); East South Central—Kentucky, 4 (20-99); Tennessee, 6 (1613); Alabama, 9 (235); Mississippi, 1 (1-19); West South Central—Arkansas, 4 (100-249); Louisiana, 7 (20-99); Oklahoma, 7 (100); Mountain—Idaho, 2 (20-99); Wyoming, 1 (20-99); Colorado, 5 (20-99); New Mexico, 1 (1-19); Arizona, 1 (1-19); Utah, 5 (505); Pacific—Washington, 1 (1-19); Oregon, 4 (100-249).

SIC 2741, Miscellaneous Publishing: New England—Maine, 1 (1-19); New Hampshire, 2 (1-19); Vermont, 3 (20-99); Rhode Island, 6 (20-99); East North Central—Ohio, 44 (500-999); Indiana, 21 (250-499); West North Central—Minnesota, 17 (250-499); North Dakota, 4 (1-19); South Dakota, 3 (1-19); Nebraska, 2 (1-19); South Atlantic—Virginia, 8 (448); North Carolina, 14 (20-99); South Carolina, 3 (20-99); Georgia, 12 (188); East South Central—Kentucky, 6 (100-249); Tennessee, 27 (256); Alabama, 2 (1-19); Mississippi, 3 (1-19); West South Central—Arkansas, 2 (20-99); Louisiana, 3 (1-19); Oklahoma, 9 (20-99); Mountain—Idaho, 3 (20-99); Colorado, 7 (381); New Mexico, 2 (1-19); Arizona, 12 (20-99); Utah, 3 (1-19); Nevada, 3 (1-19); Pacific—Oregon, 5 (20-99); Hawaii, 1 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Newspapers (SIC 2711)			Periodicals (SIC 2721)		
	Total	Daily	Weekly and other	Total	Periodical publishing only	Periodical publishing and printing
Primary product specialization ratio ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Coverage ratio ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Establishments, total.....number..	8,331	1,560	6,771	2,630	2,310	320
With 1 to 19 employees.....do....	6,466	228	6,238	2,228	1,996	232
With 20 to 99 employees.....do....	1,346	844	502	300	240	60
With 100 employees or more.....do....	519	488	31	102	74	28
Proprietors and working partners.....do....	5,815	(NA)	(NA)	1,006	(NA)	(NA)
All employees (average for the year).....do....	306,439	252,492	53,947	67,730	49,436	18,294
Payroll (all employees), total for year.....\$1,000..	1,784,570	1,561,750	222,820	461,124	351,995	109,129
Production workers:						
Average for the year.....number..	160,061	125,952	34,109	12,257	3,894	8,363
March.....do....	153,821	120,527	33,294	12,712	4,029	8,683
May.....do....	162,184	128,249	33,935	12,303	3,936	8,367
August.....do....	161,091	126,691	34,400	11,840	3,775	8,065
November.....do....	163,158	128,337	34,821	12,174	3,835	8,339
Man-hours.....1,000..	294,541	228,880	65,661	22,134	7,064	15,070
January-March.....do....	69,145	53,335	15,810	5,749	1,919	3,830
April-June.....do....	74,901	58,427	16,474	5,675	1,830	3,845
July-September.....do....	73,638	57,006	16,632	5,247	1,638	3,609
October-December.....do....	76,857	60,112	16,745	5,463	1,677	3,786
Wages.....\$1,000..	935,160	792,680	142,480	65,573	19,284	46,289
Cost of materials, etc., total.....do....	1,281,146	1,113,719	167,427	958,118	842,565	115,553
Materials, parts, containers, and supplies consumed.....do....	1,162,170	1,026,928	135,242	358,811	302,917	55,894
Cost of resales.....do....	11,557	7,287	4,270	92,525	86,490	6,035
Fuels consumed.....do....	5,919	4,549	1,370	929	298	631
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	1,316	1,098	218	196	116	80
Cost.....\$1,000..	20,767	16,885	3,882	2,859	1,631	1,228
Generated less sold.....million kw.-hrs..	1	(D)	(D)	(D)	(D)	(D)
Contract work.....\$1,000..	80,733	58,070	22,663	502,994	451,229	51,765
Value of shipments (including resales), total.....do....	4,483,594	3,932,644	550,948	2,295,716	1,929,420	366,296
Value of resales.....do....	15,326	8,032	7,294	121,038	109,764	11,274
Value added by manufacture, adjusted.....do....	3,201,872	2,818,924	382,948	1,349,030	1,097,071	251,959
Manufacturers' inventories:						
Beginning of year, total.....do....	117,253	100,922	16,331	113,604	88,557	25,047
Finished products.....do....	4,294	2,164	2,130	26,385	19,334	7,051
Work-in-process.....do....	1,266	793	473	18,491	11,761	6,730
Materials, supplies, fuel, etc.....do....	111,693	97,965	13,728	68,728	57,462	11,266
End of year, total.....do....	115,305	97,055	18,250	131,358	106,766	24,592
Finished products.....do....	3,262	1,806	1,456	34,309	25,734	8,575
Work-in-process.....do....	1,724	1,150	574	21,999	15,577	6,422
Materials, supplies, fuel, etc.....do....	110,319	94,099	16,220	75,050	65,455	9,595
Expenditures for plant and equipment, total.....do....	142,979	113,205	29,774	34,117	27,874	6,243
New, total.....do....	135,198	107,638	27,560	33,784	27,619	6,165
New structures and additions to plant.....do....	39,263	29,850	9,413	13,921	13,169	752
New machinery and equipment.....do....	95,935	77,788	18,147	19,863	14,450	5,413
Used plant and equipment.....do....	7,788	5,574	2,214	333	255	78
Selected operating ratios:						
Payroll/Total employment.....	5,824	6,185	4,130	6,808	7,120	5,965
Production workers/Total employment.....	.52	.50	.63	.18	.08	.46
Man-hours/Production workers.....	1,840	1,817	1,925	1,806	1,781	1,817
Production worker wages/Man-hours.....	3.17	3.46	2.17	2.96	2.78	3.05
Cost of materials and payrolls/Total value of shipments....	.68	.68	.71	.62	.62	.61
Cost of materials/Total value of shipments.....	.29	.28	.30	.42	.44	.32
Adjusted value added/Total employment.....	10,449	11,164	7,099	19,918	22,192	13,773
Salaries and wages/Adjusted value added.....	.56	.55	.58	.34	.32	.43

See footnotes at end of table.

TABLE 3. Detailed Statistics: 1963—Continued

Item	Books, publishing and printing (SIC 2731)			Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)
	Total	Book publishing only	Book publishing and printing		
Primary product specialization ratio ¹	(NA)	(NA)	(NA)	.78	.92
Coverage ratio ²	(NA)	(NA)	(NA)	.69	.84
Establishments, total.....number..	993	790	203	683	1,374
With 1 to 19 employees.....do....	737	602	135	408	1,197
With 20 to 99 employees.....do....	165	126	39	210	129
With 100 employees or more.....do....	91	62	29	65	48
Proprietors and working partners.....do....	305	(NA)	(NA)	263	568
All employees (average for the year).....do....	46,812	32,836	13,976	36,101	22,551
Payroll (all employees), total for year.....\$1,000..	280,664	200,470	80,194	214,175	130,427
Production workers:					
Average for the year.....number..	11,810	3,297	8,513	29,641	9,798
March.....do....	11,665	3,138	8,527	30,266	9,842
May.....do....	11,717	3,227	8,490	29,673	9,910
August.....do....	12,073	3,522	8,551	29,380	9,627
November.....do....	11,787	3,309	8,478	29,228	9,814
Man-hours.....1,000..	23,450	6,680	16,770	59,563	18,688
January-March.....do....	5,851	1,575	4,276	14,961	4,611
April-June.....do....	5,741	1,617	4,124	15,093	4,776
July-September.....do....	5,896	1,767	4,129	14,552	4,569
October-December.....do....	5,962	1,721	4,241	14,957	4,732
Wages.....\$1,000..	59,474	15,749	43,725	164,559	48,799
Cost of materials, etc., total.....do....	582,345	494,895	87,450	189,980	137,125
Materials, parts, containers, and supplies consumed.....do....	196,819	131,053	65,766	155,576	53,599
Cost of resales.....do....	26,390	20,748	5,642	2,656	1,002
Fuels consumed.....do....	689	302	387	1,172	369
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	109	58	51	167	51
Cost.....\$1,000..	1,523	694	829	2,760	1,070
Generated less sold.....million kw.-hrs..	(D)	(D)	-	(D)	(D)
Contract work.....\$1,000..	356,924	342,098	14,826	27,813	81,085
Value of shipments (including resales), total.....do....	1,534,632	1,284,338	250,294	546,587	389,588
Value of resales.....do....	37,990	29,002	8,988	3,988	2,702
Value added by manufacture, adjusted.....do....	995,736	826,070	169,666	358,294	252,932
Manufacturers' inventories:					
Beginning of year, total.....do....	318,008	268,095	49,913	45,421	26,800
Finished products.....do....	219,918	191,578	28,340	9,880	12,541
Work-in-process.....do....	64,195	51,881	12,314	17,402	6,184
Materials, supplies, fuel, etc.....do....	33,895	24,636	9,259	18,139	8,075
End of year, total.....do....	362,408	304,827	57,581	48,038	27,176
Finished products.....do....	255,969	222,988	32,981	8,553	12,322
Work-in-process.....do....	71,379	56,884	14,495	20,297	6,872
Materials, supplies, fuel, etc.....do....	35,060	24,955	10,105	19,188	7,982
Expenditures for plant and equipment, total.....do....	26,309	18,581	7,728	27,577	7,286
New, total.....do....	25,426	18,002	7,424	24,945	7,113
New structures and additions to plant.....do....	9,423	5,822	3,601	5,772	2,262
New machinery and equipment.....do....	16,003	12,180	3,823	19,173	4,851
Used plant and equipment.....do....	883	579	304	2,632	173
Selected operating ratios:					
Payroll/Total employment.....	5,996	6,105	5,738	5,933	5,784
Production workers/Total employment.....	.25	.10	.61	.82	.43
Man-hours/Production workers.....	1,986	2,026	1,970	2,009	1,907
Production worker wages/Man-hours.....	2.54	2.36	2.61	2.76	2.61
Cost of materials and payrolls/Total value of shipments.....	.83	.54	.67	.74	.69
Cost of materials/Total value of shipments.....	.38	.38	.35	.35	.35
Adjusted value added/Total employment.....	21,271	25,157	12,140	9,925	11,216
Salaries and wages/Adjusted value added.....	.28	.16	.45	.60	.52

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See appendix A for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2711.—NEWSPAPERS											
Establishments.....number..	8,331	3,514	1,758	1,194	973	373	305	110	55	41	8
All employees:											
Total.....do....	306,439	7,564	11,715	15,918	29,637	25,495	46,710	38,941	39,786	60,651	30,022
Payroll.....\$1,000..	1,784,570	24,835	43,844	64,585	133,214	131,627	261,578	231,240	260,183	422,541	210,923
Value added, adjusted.....do....	3,201,872	54,620	74,504	107,732	226,433	235,048	478,277	447,909	490,320	719,127	367,902
Value of shipments.....do....	4,483,592	87,824	115,091	143,593	283,099	290,848	602,607	596,581	695,220	1,085,367	583,362
Capital expenditures, new...do....	135,198	15,963	7,069	6,552	12,494	12,003	20,832	12,445	20,508	25,408	11,924
Subindustry 2711-11.—Newspapers, Daily											
Establishments.....number..	1,560	18	26	184	534	310	278	106	55	41	8
All employees:											
Total.....do....	252,492	37	193	2,793	17,363	21,448	42,656	37,543	39,786	60,651	30,022
Payroll.....\$1,000..	1,561,750	153	901	12,085	80,579	112,357	240,621	221,407	260,183	422,541	210,923
Value added, adjusted.....do....	2,818,924	1,249	1,738	20,794	137,102	203,363	445,754	431,575	490,320	719,127	367,902
Value of shipments.....do....	3,932,644	1,342	2,739	25,356	164,723	247,894	555,154	571,487	695,220	1,085,367	583,362
Capital expenditures, new...do....	107,638	21	99	1,011	7,416	10,372	19,137	11,742	20,508	25,408	11,924
Subindustry 2711-13.—Newspapers, Weekly and Other											
Establishments.....number..	6,771	3,496	1,732	1,010	439	63	27	4	-	-	-
All employees:											
Total.....do....	53,947	7,527	11,522	13,125	12,274	4,047	4,054	1,398	-	-	-
Payroll.....\$1,000..	222,820	24,682	42,943	52,500	52,635	19,270	20,957	9,833	-	-	-
Value added, adjusted.....do....	382,948	53,371	72,766	86,938	89,331	31,685	32,523	16,334	-	-	-
Value of shipments.....do....	550,948	86,482	112,352	118,237	118,376	42,954	47,453	25,094	-	-	-
Capital expenditures, new...do....	27,560	15,942	6,970	5,541	5,078	1,631	1,695	703	-	-	-
INDUSTRY 2721.—PERIODICALS											
Establishments.....number..	2,630	1,470	445	313	212	88	59	17	16	8	2
All employees:											
Total.....do....	67,730	2,453	2,926	4,151	6,370	6,235	9,380	5,775	10,602	19,838	(D)
Payroll.....\$1,000..	461,124	13,318	17,097	25,354	41,024	41,238	64,307	40,709	70,721	147,356	(D)
Value added, adjusted.....do....	1,349,030	31,646	40,523	57,139	104,069	89,078	188,974	107,728	240,327	489,546	(D)
Value of shipments.....do....	2,295,716	59,163	67,778	88,598	165,353	131,169	293,541	178,498	458,872	852,744	(D)
Capital expenditures, new...do....	33,784	938	819	964	1,708	1,933	4,488	2,833	5,988	14,113	(D)
Subindustry 2721-11.—Periodicals, Publishing Only											
Establishments.....number..	2,310	1,330	385	281	179	61	43	14	11	5	1
All employees:											
Total.....do....	49,436	2,262	2,508	3,721	5,303	4,200	6,686	4,978	7,664	12,114	(D)
Payroll.....\$1,000..	351,995	12,092	15,109	23,295	35,283	29,240	49,242	36,235	54,679	96,820	(D)
Value added, adjusted.....do....	1,097,071	29,209	37,181	53,608	91,280	65,175	159,581	100,402	205,988	354,647	(D)
Value of shipments.....do....	1,929,420	55,322	63,087	83,745	147,937	101,405	255,485	167,869	413,814	640,756	(D)
Capital expenditures, new...do....	27,619	841	727	877	1,194	1,205	2,334	2,627	4,317	13,497	(D)
Subindustry 2721-13.—Periodicals, Publishing and Printing											
Establishments.....number..	320	140	60	32	33	27	16	3	5	3	1
All employees:											
Total.....do....	18,294	191	418	430	1,067	2,035	2,694	797	2,938	7,724	(D)
Payroll.....\$1,000..	109,129	1,226	1,988	2,059	5,741	11,998	15,065	4,474	16,042	50,536	(D)
Value added, adjusted.....do....	251,959	2,437	3,342	3,531	12,789	23,903	29,393	7,326	34,339	134,899	(D)
Value of shipments.....do....	366,296	3,841	4,691	4,853	17,416	29,764	38,056	10,629	45,058	211,988	(D)
Capital expenditures, new...do....	6,165	97	92	87	514	728	2,154	206	1,671	616	(D)

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2731.—BOOKS, PUBLISHING AND PRINTING											
Establishments.....number..	993	471	152	114	117	48	53	19	10	8	1
All employees:											
Total.....do....	46,812	792	1,002	1,539	3,624	3,533	8,135	6,837	7,025	14,325	(D)
Payroll.....\$1,000..	280,664	3,741	5,241	9,328	20,819	21,413	51,031	42,044	48,536	78,511	(D)
Value added, adjusted.....do....	995,736	17,761	18,510	30,410	60,519	76,495	222,279	112,015	224,634	233,113	(D)
Value of shipments.....do....	1,534,632	33,462	32,651	49,686	129,355	124,660	329,433	170,237	310,762	354,386	(D)
Capital expenditures, new...do....	25,426	591	397	770	789	2,342	4,459	6,094	7,746	2,238	(D)
Subindustry 2731-11.—Books, Publishing Only											
Establishments.....number..	790	390	123	89	92	34	40	9	6	6	1
All employees:											
Total.....do....	32,836	648	803	1,181	2,805	2,511	6,237	3,412	15,239	(D)	(D)
Payroll.....\$1,000..	200,470	3,184	4,469	7,656	17,134	15,910	41,441	24,881	85,795	(D)	(D)
Value added, adjusted.....do....	826,070	16,068	16,544	27,084	50,573	64,105	202,980	76,730	371,986	(D)	(D)
Value of shipments.....do....	1,284,338	30,767	29,922	44,215	113,234	105,596	298,750	115,090	546,764	(D)	(D)
Capital expenditures, new...do....	18,002	537	348	569	492	1,875	3,387	2,609	8,185	(D)	(D)
Subindustry 2731-13.—Books, Publishing and Printing											
Establishments.....number..	203	81	29	25	25	14	13	10	4	2	-
All employees:											
Total.....do....	13,976	144	199	358	819	1,022	1,898	3,425	6,111	(D)	-
Payroll.....\$1,000..	80,194	557	772	1,672	3,685	5,503	9,590	17,163	41,252	(D)	-
Value added, adjusted.....do....	169,666	1,693	1,966	3,326	9,946	12,390	19,299	35,285	85,761	(D)	-
Value of shipments.....do....	250,294	2,695	2,729	5,471	16,121	19,064	30,683	55,147	118,384	(D)	-
Capital expenditures, new...do....	7,424	54	49	201	297	467	1,072	3,485	1,799	(D)	-
INDUSTRY 2732.—BOOK PRINTING											
Establishments.....number..	683	185	95	128	161	49	37	13	9	6	-
All employees:											
Total.....do....	36,101	330	652	1,757	4,945	3,468	5,973	4,891	6,137	7,948	-
Payroll.....\$1,000..	214,175	1,691	3,887	10,758	30,912	23,267	36,207	24,994	34,114	48,345	-
Value added, adjusted.....do....	358,294	4,124	7,699	18,265	52,102	41,494	58,871	44,230	53,949	77,560	-
Value of shipments.....do....	546,587	6,930	12,528	28,378	83,396	66,789	90,398	69,237	73,003	115,928	-
Capital expenditures, new...do....	24,945	2,262	328	1,055	2,771	2,109	3,317	4,131	3,679	5,293	-
INDUSTRY 2741.—MISCELLANEOUS PUBLISHING											
Establishments.....number..	1,374	840	222	135	97	32	30	15	1	2	-
All employees:											
Total.....do....	22,551	1,307	1,464	1,857	2,837	2,200	4,224	4,888	3,774	(D)	-
Payroll.....\$1,000..	130,427	6,624	7,496	9,770	15,379	11,295	22,563	30,534	26,766	(D)	-
Value added, adjusted.....do....	252,932	12,860	14,689	17,754	27,797	20,024	54,629	51,935	53,244	(D)	-
Value of shipments.....do....	389,588	23,949	24,723	27,207	42,333	35,355	75,602	94,299	66,120	(D)	-
Capital expenditures, new...do....	7,113	874	589	801	1,128	802	1,656	801	462	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation which constitute a small proportion of the total for the size class.²Includes capital expenditures for plants under construction but not in operation of approximately \$2-\$5 million.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Receipts; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of receipts					Value of primary activities reported			
		Total	Primary activities	Secondary activities	Miscellaneous receipts	Primary product specialization ratio	Total reported in these industries	Reported in this industry	Reported in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2711	Newspapers.....1963..	4,483,592	4,254,711	192,836	36,045	96	4,254,711	4,254,711	-	100
	.....1958 ¹ .	3,628,021	3,458,342	137,996	31,683	96	3,458,342	3,458,342	-	100
2721	Periodicals.....1963..	2,295,716	1,957,739	195,142	142,035	91	2,037,315	1,957,739	79,576	96
	.....1958 ¹ .	1,729,485	1,580,099	88,177	61,209	95	1,639,089	1,580,099	58,990	97
2731	Books, publishing and printing 1963..	1,534,632	1,359,374	113,583	61,675	93	1,547,788	1,359,374	188,414	88
	.....1958..	1,033,144	906,529	77,722	48,893	92	1,010,715	906,529	104,186	90
2732	Book printing.....1963..	546,587	419,427	118,447	8,713	78	607,022	419,427	187,595	69
	.....1958..	357,652	254,354	96,955	6,343	72	422,907	254,354	168,553	60
2741	Miscellaneous publishing.....1963..	389,588	348,557	28,593	12,438	92	413,406	348,557	64,849	84
	.....1958..	307,916	257,881	31,370	18,665	89	297,882	257,881	40,001	87

Note: See appendix A for an explanation of terms used.

- Represents zero. ¹Excludes Alaska and Hawaii.

TABLE 5B. Industry-Product Analysis—Receipts by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of receipts of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of receipts of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of receipts of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Newspaper (SIC 2711)	Periodicals (SIC 2721)	Books, publishing and printing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)	Other industries
	Total shipments and receipts of the industry.	(X)	4,483,592	2,295,716	1,534,632	546,587	389,588	(X)	(X)	(X)
271-- 272-- 273-- 274--	Newspaper, periodical, book, miscellaneous publishing and book printing, total.....	(X)	4,268,210	2,140,948	1,432,216	422,071	368,079	(X)	(X)	(X)
	Newspaper publishing:									
	Daily and Sunday: Receipts from—									
27111	Subscription and sales.....	1,064,435	1,064,435	(X)	(X)	(X)	(¹)	(¹)	(X)	(X)
27112	Advertising.....	2,727,523	2,727,523	(X)	(X)	(X)	(¹)	(¹)	(X)	(X)
	Weekly and other: Receipts from—									
27113	Subscription and sales.....	82,867	82,867	(X)	(X)	(¹)	(¹)	(¹)	(X)	(¹)
27114	Advertising.....	296,017	296,017	(X)	(X)	(¹)	(¹)	(¹)	(X)	(¹)
27110	Newspapers, n.s.k.....	83,869	83,869	(X)	(X)	(X)	(¹)	(X)	(X)	(X)
	Periodical publishing:									
	Farm: Periodical receipts from—									
27211	Subscription and sales.....	8,499	531	7,538	(X)	(D)	(D)	(D)	(X)	(X)
27212	Advertising.....	45,567	3,551	39,769	(X)	(D)	(D)	(D)	(X)	(X)
	Special business publishing: Receipts from—									
27213	Subscription and sales.....	122,667	792	109,463	8,503	(X)	2,035	425	(D)	(D)
27214	Advertising.....	412,675	2,214	403,555	3,068	(X)	2,365	1,013	(D)	(D)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis-Receipts by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Newspaper (SIC 2711)	Periodicals (SIC 2721)	Books, publishing and printing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)	Other industries
	Newspaper, periodical, book, miscellaneous publishing and book printing—Continued									
	Periodical publishing—Continued									
27215	General: Receipts from—									
	Subscription and sales.....	458,577	(D)	444,482	7,347	(X)	(D)	1,732	(D)	(D)
27216	Advertising.....	710,619	(D)	693,919	(D)	(X)	(D)	251	(²)	(D)
	Other: Receipts from—									
27217	Subscription and sales and advertising.....	230,213	(D)	210,788	10,855	(D)	578	(D)	(D)	(D)
27210	Periodicals, n.s.k.....	48,498	-	48,225	102	(D)	(²)	(D)	(X)	(D)
	Book publishing:									
27311	Text books.....	471,100	-	1,192	466,028	(X)	(D)	(D)	(X)	(D)
27312	Subscription reference books.....	207,338	-	(X)	207,338	(X)	(X)	(X)	(X)	(X)
27313	Technical, scientific, and professional books	156,342	-	15,012	121,241	(D)	1,112	1,807	(D)	(D)
27314	Religious books.....	81,120	(D)	5,928	72,716	(D)	(²)	(D)	(D)	(D)
27315	General books (trade, etc.).....	458,152	-	69,899	380,647	(X)	4,359	(D)	(D)	(X)
27316	Other books and pamphlets.....	154,842	-	58,155	92,575	(D)	2,602	(D)	(D)	(D)
27310	Books, publishing and printing, n.s.k.....	18,894	-	(²)	18,829	(X)	(D)	(D)	(X)	(X)
	Book printing:									
27321	Book and pamphlet printing and bookbinding (lithographic process).....	344,252	2,564	(D)	(D)	230,796	(D)	17,079	86,999	³ 5,540
27322	Book and pamphlet printing and bookbinding (other processes).....	241,662	3,266	(D)	6,354	168,152	(D)	47,611	13,243	2,328
27320	Book printing, n.s.k.....	21,108	-	(D)	(X)	20,479	(X)	214	(²)	(D)
	Miscellaneous publishing:									
27411	Catalogs and directories, publishing.....	132,994	314	6,809	371	(D)	124,551	(D)	(²)	(X)
27412	Business services publications.....	101,605	(D)	1,832	(D)	-	83,619	(D)	(D)	(X)
27413	Other miscellaneous publishing.....	158,212	5,950	21,725	7,676	(D)	119,914	343	(D)	2,425
27410	Miscellaneous publishing, n.s.k.....	20,595	(²)	(X)	(D)	(D)	20,473	(D)	(D)	(X)
	Other activities, total.....	(X)	143,864	12,733	40,741	115,803	9,071	(X)	(X)	(X)
27511	Magazines and periodical printing (Letterpress).....	(X)	(D)	(D)	873	11,524	(²)	(X)	(X)	(X)
27512	Labels and wrappers printing (Letterpress).....	(X)	(D)	(X)	(X)	2,336	(D)	(X)	(X)	(X)
27513	Catalogs and directories, printing (Letterpress).....	(X)	13,953	(D)	(X)	9,342	(D)	(X)	(X)	(X)
27514	Financial and legal printing (Letterpress).....	(X)	(D)	(D)	(X)	(D)	(X)	(X)	(X)	(X)
27515	Advertising printing (Letterpress).....	(X)	3,110	(D)	(D)	3,402	(D)	(X)	(X)	(X)
27516	Other general job printing (Letterpress).....	(X)	85,535	1,555	3,646	7,252	912	(X)	(X)	(X)
27521	Magazines and periodicals, printing only.....	(X)	(D)	(D)	(X)	8,807	(X)	(X)	(X)	(X)
27523	Catalogs and directories, printing.....	(X)	(D)	(X)	(D)	16,617	(X)	(X)	(X)	(X)
27525	Advertising printing.....	(X)	(D)	(D)	(D)	15,029	504	(X)	(X)	(X)
27526	Other commercial printing.....	(X)	27,328	730	(X)	11,347	732	(X)	(X)	(X)
2789-	Bookbinding and related work.....	(X)	(D)	(D)	(D)	12,589	(D)	(X)	(X)	(X)
2791-	Typesetting.....	(X)	285	(D)	(X)	9,072	(D)	(X)	(X)	(X)
2793-	Photoengraving.....	(X)	6,765	(D)	(X)	(D)	(D)	(X)	(X)	(X)
	Other secondary activities.....	(X)	⁴ 40,767	1,147	⁵ 14,630	6,838	1,515	(X)	(X)	(X)
	Miscellaneous receipts, total.....	(X)	36,045	142,305	61,675	8,713	12,438	(X)	(X)	(X)
	Resales.....	(X)	15,326	121,038	37,990	3,988	2,702	(X)	(X)	(X)
	Publishers' share from sales of rights.....	(X)	(X)	992	3,973	(X)	(D)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	20,719	20,005	19,712	4,725	(D)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹An insignificant amount reported for this industry is included with the figure for the Newspapers Industry.

²Less than \$100 thousand.

³Includes \$4.6 million shipped by industry 2761, Manifold Business Forms.

⁴Includes \$3.2 million shipped by product class 27517, Publication printing (gravure).

⁵Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 26492, Wrapping products (gift wrap, etc.); 39410, Games and toys, except dolls and children's vehicles; 39993, Other miscellaneous fabricated products.

TABLE 6A. Products and Product Classes—Quantity and Value of Receipts by All Manufacturing Establishments: 1963 and 1958

Product code	Type of publication	1963		1958	
		Aggregate average circulation per issue ¹ (1,000)	Total receipts (\$1,000)	Aggregate average circulation per issue (1,000)	Total receipts (\$1,000)
2711- --	NEWSPAPERS, TOTAL.....	(X)	4,254,711	(X)	3,458,342
	Total receipts for daily and Sunday newspapers ²	(X)	3,791,958	(X)	3,125,318
27111 --	Receipts from daily and Sunday newspapers for subscription and sales.....	(X)	1,064,435	(X)	916,661
27111 01	Morning (no Sunday editions).....	2,354	39,469	1,908	32,860
27111 11	Evening (no Sunday editions).....	13,826	179,360	13,225	151,145
27111 22	Morning and Sunday: Morning editions.....	13,761	257,873 {	12,018	227,314 {
	Sunday editions.....	17,433		17,505	
27111 32	Evening and Sunday: Evening editions.....	13,873	254,801 {	12,314	205,030 {
	Sunday editions.....	17,453		14,175	
27111 42	Morning and evening (no Sunday editions): Morning editions.....	313	10,041 {	233	8,660 {
	Evening editions.....	404		386	
27111 52	Morning, evening, and Sunday: Morning editions.....	10,204	322,891 {	9,754	291,652 {
	Evening editions.....	9,094		8,872	
	Sunday editions.....	16,754		16,601	
27112 --	Receipts from daily and Sunday newspapers for advertising.....	(X)	2,727,523	(X)	2,208,657
27112 01	Morning (no Sunday editions).....	(X)	74,891	(X)	55,443
27112 11	Evening (no Sunday editions).....	(X)	495,132	(X)	409,748
27112 22	Morning and Sunday.....	(X)	618,901	(X)	497,100
27112 32	Evening and Sunday.....	(X)	649,379	(X)	500,384
27112 42	Morning and evening (no Sunday editions).....	(X)	26,621	(X)	21,249
27112 52	Morning, evening, and Sunday.....	(X)	862,599	(X)	724,733
	Total receipts for weekly and other newspapers.....	(X)	378,884	(X)	297,859
27113 --	Receipts from weekly and other newspapers for subscription and sales.....	(X)	82,867	(X)	62,648
27113 62	Weekly newspapers (including those issued on Sunday only).....	(³)	69,607	29,828	53,638
27113 98	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week).....	(³)	13,260	3,651	9,010
27114 --	Receipts from weekly and other newspapers for advertising.....	(X)	296,017	(X)	235,211
27114 62	Weekly newspapers (including those issued on Sunday only).....	(X)	218,697	(X)	194,666
27114 98	Other newspapers (including those issued more frequently than once a week but less than 4 times a week, also those issued less frequently than once a week).....	(X)	77,320	(X)	40,545
27110 00	Newspapers not specified by frequency and receipts undistributed between subscriptions and sales and advertising.....	(X)	83,869	(NA)	35,165
	Product	1963		1958	
		Aggregate circulation per issue ¹ (1,000)	Value of receipts (\$1,000)	Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)
2721- --	PERIODICALS, TOTAL.....	427,915	2,037,315	408,364	1,639,089
27211 --	Farm periodicals: Receipts from subscriptions and sales.....	14,305	8,499	18,850	11,298
27211 12	General: ⁴ Subscription sales.....	12,087	6,652	14,872 {	7,509 631
	Single copy sales.....				
27211 16	Specialized: ⁵ Subscription sales.....	2,218	1,847	3,978 {	2,674 484
	Single copy sales.....				
27212 --	Farm periodicals: Receipts from advertising.....	(X)	45,567	(X)	55,447
27212 11	General.....	(X)	36,526	(X)	39,535
27212 15	Specialized.....	(X)	9,041	(X)	15,912

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Receipts by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963		1958	
		Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)	Aggregate circulation per issue (1,000)	Value of receipts (\$1,000)
2721- --	PERIODICALS—Continued				
27213 --	Specialized business and professional publishing receipts from subscriptions and sales ⁶	32,712	122,667	51,577	86,315
27213 11	Industrial, engineering and technical: Subscription sales.....	11,539	28,949	11,399	26,520
27213 12	Industrial, engineering and technical: Single copy sales.....	574	2,043		3,743
27213 13	Merchandising: ⁷				
	Subscription sales.....	(S)	20,314	4,686	5,874
	Single copy sales.....				817
27213 17	Professional, institutional and service: ⁸				
	Subscription sales.....	(S)	56,072	35,492	46,760
	Single copy sales.....				2,601
27213 00	Specialized business and professional receipts from subscription and sales, n.s.k.....	(X)	15,289	(X)	(X)
27214 --	Specialized business and professional publishing: Receipts from advertising.....	(X)	412,675	(X)	294,141
27214 11	Industrial, engineering, and technical.....	(X)	216,486	(X)	181,654
27214 13	Merchandising.....	(X)	106,425	(X)	65,523
27214 15	Professional, institutional, and service.....	(X)	65,225	(X)	46,964
27214 00	Specialized business and professional receipts from advertising, n.s.k..	(X)	24,539	(X)	(X)
27215 --	General: Receipts from subscription and sales.....	238,955	458,577	241,741	343,050
27215 13	Comics: Subscription sales ⁹	1,185	617	63,035	21,027
27215 15	Comics: Single copy sales ⁹	26,409	10,332		
27215 43	Women and home services: Subscription sales ¹⁰	41,357	59,727	70,729	31,666
27215 45	Women and home services: Single copy sales ¹⁰	52,044	49,883		42,295
27215 53	General interest and entertainment: Subscription sales ¹¹	66,634	180,951	98,378	137,939
27215 55	General interest and entertainment: Single copy sales ¹¹	35,867	98,136		73,534
27215 63	General news: Subscription sales ¹²	6,021	29,125	7,780	24,377
27215 65	General news: Single copy sales ¹²	7,892	10,445		4,394
27215 74	Business news: Subscription sales and single copy sales ¹³	(S)	12,785	1,819	7,818
27215 00	General: Receipts from subscription and sales, n.s.k.....	(X)	6,576	(X)	(X)
27216 --	General: Receipts from advertising.....	(X)	710,619	(X)	543,862
27216 13	Comics.....	(X)	497	(X)	796
27216 43	Women and home services.....	(X)	203,722	(X)	133,177
27216 53	General interest and entertainment.....	(X)	380,156	(X)	318,790
27216 63	General news.....	(X)	105,790	(X)	72,617
27216 73	Business news.....	(X)	15,209	(X)	18,482
27216 00	General: Receipts from advertising, n.s.k.....	(X)	5,245	(X)	(X)
27217 --	Other periodicals: Receipts from subscriptions and sales and advertising.	141,943	230,213	96,196	265,396
	Subscription and single copy sales:				
27217 03	Religious ¹⁴	58,595	65,667	96,196	142,131
27217 05	Magazine and comic supplements for Sunday newspaper.....	34,325	25,999		
27217 07	Periodicals, n.e.c. ¹⁵	39,812	53,631		
27217 08		9,211	7,896		
	Advertising receipts:				
27217 33	Religious.....	(X)	6,251	(X)	123,265
27217 35	Magazine and comic supplements for Sunday newspapers.....	(X)	41,297		
27217 37	Periodicals, n.e.c.....	(X)	25,145		
27217 00	Other periodicals: Receipts from subscriptions and sales and advertising, n.s.k.....	(X)	4,328	(X)	(X)
27210 00	Periodicals, n.s.k.....	(X)	48,498	(X)	39,580
	Type of publication	1963		1958	
		Number of copies sold (1,000)	Receipts (\$1,000)	Number of copies sold (1,000)	Receipts (\$1,000)
2731- --	BOOKS AND PAMPHLETS, PUBLISHING OR PUBLISHING AND PRINTING, TOTAL....	(X)	1,547,788	(X)	1,010,713
27311 --	Text books.....	(X)	471,100	(X)	281,572
	Elementary (grades 1-8):				
27311 11	Hardbound.....	54,911	112,689	47,549	76,632
27311 12	Paperbound.....	38,464	21,668	26,778	11,603
	High school (grades 9-12):				
27311 13	Hardbound.....	32,891	97,811	23,057	58,191
27311 14	Paperbound.....	9,359	8,849	2,533	2,024

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Receipts by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Type of publication	1963		1958	
		Number of copies sold	Receipts	Number of copies sold	Receipts
		(1,000)	(\$1,000)	(1,000)	(\$1,000)
2731- --	BOOKS AND PAMPHLETS, PUBLISHING OR PUBLISHING AND PRINTING—Continued				
27311 --	Text books—Continued				
	College (grades 13 and over, including private business and secretarial school and post high school vocational schools, institutes and training courses of college grade):				
27311 15	Hardbound.....	24,175	131,725	19,554	81,377
27311 16	Paperbound.....	9,291	14,867	3,095	2,767
27311 17	Work books, paperbound.....	106,315	61,050	76,572	40,300
27311 18	Standardized tests, including both tests and answer sheets, objective tests, manuals, etc. (all grades) paperbound.....	137,316	19,328	97,049	8,678
27311 00	Text books, n.s.k.....	(X)	3,113	(X)	(X)
27312 11	Subscription reference books, hardbound ¹⁶	35,727	207,338	44,870	163,569
27313 --	Technical, scientific and professional books.....	(X)	156,342	(X)	116,021
27313 11	Lawbooks (designed for the professions).....	6,498	57,384	3,702	36,400
27313 13	Medical books, including nursing and dental subjects (designed for the profession).....	4,096	24,148	2,423	21,400
27313 16	Business books (nonfiction books on business for adult readers in the profession).....	1,242	5,592	2,080	9,400
27313 19	Other technical, scientific and professional books.....	29,555	63,015	15,596	48,821
27313 00	Technical, scientific and professional books, n.s.k.....	(X)	6,203	(X)	(X)
27314 --	Religious books.....	(X)	81,120	70,778	58,643
27314 11	Bibles, complete editions, hardbound and paperbound.....	8,482	23,271	8,903	18,318
27314 21	Testaments, hardbound and paperbound.....	6,820	3,150	10,181	4,746
27314 23	Hymnals and devotionals, including prayer books and missals, hardbound and paperbound.....	4,658	8,201	5,103	8,064
	Other religious books, including books of fiction on nonfiction dealing with religious subjects for adult and juvenile reading:				
27314 25	Hardbound.....	16,916	31,296	9,815	15,999
27314 27	Paperbound.....	22,521	12,599	36,776	11,516
27314 00	Religious books, n.s.k.....	(X)	2,603	(X)	(X)
27315 --	General books (trade, etc.).....	(X)	458,152	(X)	274,739
27315 13	Book club books, hardbound and paperbound.....	75,749	143,418	65,180	95,684
27315 31	Wholesaled paperbound books usually of digest size (4-1/4" X 6-1/2") and distributed 75% or more through magazine wholesalers.....	241,449	60,543	232,585	47,680
	Adult trade books, books of fiction or nonfiction sold primarily through booksellers (retail and wholesale) at trade discounts:				
27315 41	Hardbound.....	40,213	108,515	32,298	64,669
27315 43	Paperbound.....	48,874	34,485	5,661	5,374
	Juvenile books (except toy books), books of fiction or nonfiction sold primarily through book dealers (retail and wholesale) at trade discounts:				
27315 61	\$1.00 and over retail hardbound and paperbound.....	55,056	72,678	34,321	40,218
27315 63	Under \$1.00 retail, hardbound and paperbound.....	120,520	31,257	137,750	21,114
27315 00	General books (trade, etc.), n.s.k.....	(X)	7,256	(X)	(X)
27316 --	Other books and pamphlets.....	(X)	154,842	(X)	96,003
	Other books:				
27316 11	Hardbound.....	(S)	84,402	(S)	52,148
27316 15	Paperbound.....	41,358	25,871	25,925	12,737
	Pamphlets:				
27316 41	Religious.....	(S)	5,040	(S)	11,668
27316 45	Other.....	(S)	32,924	(S)	19,450
27316 00	Other books and pamphlets, n.s.k.....	(X)	6,605	(X)	(X)
27310 00	Books and pamphlets, n.s.k.....	(X)	18,894	(X)	20,166
Product			Value of receipts including interplant transfers		
			(\$1,000)		
			1963	1958	
2732- --	BOOK PRINTING ONLY.....	607,022		422,907	
27321 --	Book and pamphlet printing and book binding (lithographic process).....	344,252		167,586	
27321 11	Books (printing only).....	75,772		33,022	
	Books (printed and bound):				
27321 12	Hardbound.....	89,491		68,201	
27321 14	Paperbound.....	72,355			

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value of Receipts by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Value of receipts including interplant transfers (\$1,000)	
		1963	1958
2732- --	BOOK PRINTING ONLY—Continued		
27321 --	Book and pamphlet printing and book binding (lithographic process)—Continued		
27321 15	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printing only), exclude advertising circulars and pamphlets.....	36,530	21,929
27321 17	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printed and bound), exclude advertising circulars and pamphlets.....	55,174	27,359
27321 00	Book and pamphlet printing (including books printed and bound) lithographic, n.s.k.....	14,930	17,075
27322 --	Book and pamphlet printing and book binding (other processes).....	241,662	248,448
27322 21	Books (printed only).....	26,231	25,029
	Books (printed and bound):		
27322 23	Hardbound.....	126,712	133,733
27322 24	Paperbound.....	38,662	
27322 26	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printing only), exclude advertising circulars and pamphlets.....	14,721	22,450
27322 27	Pamphlets (at least 5 but less than 49 pages, exclusive of the covers) (printed and bound), exclude advertising circulars and pamphlets.....	21,451	25,911
27322 00	Book and pamphlet printing and book binding by all processes except lithographic, n.s.k.....	13,885	41,325
27320 00	Book and pamphlet printing and complete book manufacturing, n.s.k.....	21,108	6,873
2741- --	MISCELLANEOUS PUBLISHING.....	413,406	297,882
27411 --	Catalogs and directories, publishing.....	132,994	93,601
27411 11	Directories.....	94,391	69,250
27411 21	Catalogs.....	31,399	19,829
27411 00	Catalogs and directories, n.s.k.....	7,204	4,522
27412 --	Business service publications.....	101,605	64,347
27412 13	Business service newsletters, excluding publications which are cumulated in looseleaf index form..	27,003	64,347
27412 15	Other business service publications, looseleaf and hardbound, including tax, credit, government regulations, cumulative indexes, etc.....	74,602	
27413 --	Other miscellaneous publishing.....	158,212	131,788
27413 11	Cards, other than greeting cards, including picture postcards, souvenir cards, etc.....	11,785	6,140
27413 21	Shopping news.....	18,088	21,176
27413 31	Sheet music ¹⁷	13,917	17,656
27413 65	Maps, hydrographic charts, atlases, gazetteers, and globe covers.....	35,184	29,858
27413 95	Racing forms.....	20,825	39,021
27413 97	Clothing patterns, publishing.....	14,687	
27413 98	Other miscellaneous publications (e.g., almanacs).....	29,844	17,937
27413 00	Other miscellaneous publishing (except shopping news) n.s.k.....	13,882	
27410 00	Miscellaneous publishing, n.s.k.....	20,595	8,146

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards.

¹Includes paid, free, bulk, etc. The term "issue" has been defined to mean the sum of all "editions" published on a given day, in the case of the establishment publishing newspapers on a combined frequency of issue basis (morning and Sunday, evening and Sunday, etc.). Separate average circulation figures were figured for the morning editions, evening editions, and Sunday editions. Tables 6F and 6G present by divisions and States the separately reported circulation figures for each frequency of issue shown here at the United States level.

²Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages. (See text for a more complete description of what constitutes a newspaper in the census of manufactures.)

³Circulation data for weekly and other newspapers is not shown because this information was not reported by many small newspapers. However, based on the yearly subscription rate for those reporting circulation it is estimated that the aggregate average circulation per issue for weekly newspapers would be approximately 17,500 thousand and newspapers other than daily and weekly, approximately 3,600 thousand.

⁴Includes periodicals dealing with agriculture and farm life.

⁵Includes periodicals directed to stock breeding, animal produce, cash crop marketing, fisheries, hunting, etc.

⁶Periodicals included in this group are directed to the engineering sciences, technology, industry, trades and craft construction.

⁷Includes periodicals directed to trade, commerce, communications and transport, commercial techniques and business management.

⁸Includes periodicals pertaining to mathematics and natural sciences, physiology, languages, medical sciences, public health, military arts and sciences, education, social sciences, labor, law, public administration, welfare and insurance.

⁹Excludes comic supplements for Sunday newspapers.

¹⁰Periodicals contained in this category pertain to fashion, women's magazines, domestic sciences, household, home and garden management.

¹¹Includes periodicals covering general articles, pictures, fiction, literature, geography, travel, history, biography, art and photography, music, humor, entertainment, indoor games, outdoor games, physical culture and sport.

¹²Magazines in this category contain news of interest to the general public.

¹³Periodicals classified in this category contain news concerning business and industry directed to a broader readership than those engaged in business for a living.

¹⁴Includes religious periodicals covering the subjects of religion, theology, church bulletins and local church papers.

¹⁵Periodicals in this category include children's and youth magazines, house organs, fraternity and club periodicals, etc.

¹⁶Since these books are frequently sold direct to the customers some publishers originally reported their receipts on a retail basis. However, since the value of shipments and/or receipts reported in the census of manufactures are the receipts or receivable net selling values, f.o.b. plant, (publishing house) after discounts and allowances and excluding freight charges and any excise taxes, deductions were made in 1963 from such retail values for the known payments for salesmen's compensation and operating expenses which sales offices and sales branches maintained or assisting in door to door distribution. As books in this category are typically sold on an installment plan basis, the values reported here (actual receipts during the year) may not agree with publishers' sales for the same reporting period. The number of copies sold represent the number of volumes rather than the number of receipts sold. Dictionaries and other single volume books sold directly to the customer on a subscription basis are included in the category "all other books, not elsewhere classified" (product code 2731611).

¹⁷Music published in book form is classified in industry 2731, Books, Publishing and Printing, under product codes 2731611 and 2731615.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products, Shipped by All Producers: 1963 and 1958

(Indexes of production and unit value are not shown for this area pending further review of the quantity data and associated values pertaining to these products.)

TABLE 6C. Product Classes—Value of Receipts of All Manufacturing Establishments: 1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2711-	Newspapers.....	4,254,711	4,089,180	3,954,553	3,920,204	3,767,355	3,458,342	2,913,167	1,792,338
27111	Daily and Sunday:								
27112	Subscription and sales.....	1,064,435	1,062,104	1,043,428	994,263	955,423	916,661	780,047	568,114
27112	Advertising.....	2,727,523	2,654,535	2,544,963	2,542,065	2,441,293	2,208,657	1,837,803	1,070,616
27113	Weekly and other:								
27114	Subscription and sales.....	82,867	79,620	71,409	72,772	71,014	62,648	54,862	31,811
27114	Advertising.....	296,017	260,617	258,221	264,259	249,070	235,211	205,936	121,797
27110	Newspapers, n.s.k.....	83,869	(32,304)	(36,532)	(46,845)	(50,555)	35,165	34,519	-
2721-	Periodicals.....	2,037,315	2,006,147	1,978,493	1,949,825	1,835,861	1,639,089	1,413,052	1,019,473
27211	Farm:								
27212	Subscription and sales.....	8,499	11,485	12,834	13,214	13,168	11,298	8,575	7,755
27212	Advertising receipts.....	45,567	54,430	53,328	54,991	58,332	55,447	47,773	40,013
27213	Business and professional:								
27214	Subscription and sales.....	122,667	114,996	105,854	101,674	90,445	86,315	58,031	72,595
27214	Advertising receipts.....	412,675	378,065	384,349	382,945	354,172	294,141	169,557	191,475
27215	General:								
27216	Subscription and sales.....	458,577	426,757	433,054	408,857	381,102	343,050	374,199	276,090
27216	Advertising receipts.....	710,619	708,947	686,334	679,021	629,923	543,862	559,985	364,158
27217	Other subscription and sales and								
27210	advertising receipts.....	230,213	264,367	264,501	275,468	262,312	265,396	175,953	58,621
27210	Periodicals, n.s.k.....	48,498	(47,100)	(38,239)	(33,655)	(46,407)	39,580	18,979	8,766
2731-	Books, publishing and printing.....	1,547,788	1,501,899	1,365,041	1,282,262	1,134,270	1,010,713	665,419	455,790
27311	Textbooks.....	471,100	414,619	388,925	359,883	311,213	281,572	(NA)	(NA)
27312	Subscription reference books.....	207,338	220,591	196,910	200,304	176,678	163,569	89,825	63,851
27313	Technical, scientific, and professional								
27314	books.....	156,342	145,128	143,563	134,692	125,132	116,021	63,635	45,837
27314	Religious books.....	81,120	73,315	72,806	63,504	60,925	58,643	(NA)	(NA)
27315	General books (trade) etc.....	458,152	448,003	385,886	347,551	311,802	274,739	(NA)	(NA)
27316	Other books and pamphlets.....	154,842	151,771	128,338	130,753	112,088	96,003	(NA)	(NA)
27310	Books, publishing and printing, n.s.k.....	18,894	(48,472)	(48,613)	(45,575)	(36,431)	20,166	11,774	-
2732-	Book printing.....	607,022	540,348	539,645	531,708	472,458	422,907	304,894	158,582
27321	Book and pamphlet printing and book binding								
27322	(lithographic process).....	344,252	256,140	254,860	253,236	208,676	167,586	72,940	29,059
27322	Book and pamphlet printing and book binding								
27320	(other processes).....	241,662	271,452	262,612	263,153	258,878	248,448	188,682	129,523
27320	Book printing, n.s.k.....	21,108	(12,756)	(22,173)	(15,319)	(4,904)	6,873	43,272	-
2741-	Miscellaneous publishing.....	413,406	369,536	366,288	344,298	319,117	297,882	231,140	123,474
27411	Catalog and directories, publishing.....	132,994	109,742	105,945	100,437	95,468	93,601	66,372	31,659
27412	Business services publications.....	101,605	85,486	82,785	74,900	68,505	64,347	55,944	27,048
27413	Other miscellaneous publishing.....	158,212	156,441	157,488	147,375	128,329	131,788	86,079	64,767
27410	Miscellaneous publishing, n.s.k.....	20,595	(17,867)	(20,070)	(21,586)	(26,815)	8,146	22,745	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 6D. Product Classes—Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
DAILY AND SUNDAY NEWSPAPERS: RECEIPTS FROM SUBSCRIPTIONS AND SALES (27111)			DAILY AND SUNDAY NEWSPAPERS: RECEIPTS FROM ADVERTISING (27112)—Continued			WEEKLY AND OTHER NEWSPAPERS: RECEIPTS FROM SUBSCRIPTIONS AND SALES (27113)—Continued		
United States, total....	1,064,435	916,661	New England—Continued			Middle Atlantic.....	22,544	14,485
New England.....	90,981	71,075	Vermont.....	3,505	2,936	New York.....	10,504	5,332
Maine.....	5,870	4,810	Massachusetts.....	99,903	78,239	New Jersey.....	3,239	2,493
New Hampshire.....	2,882	2,147	Rhode Island.....	15,263	12,489	Pennsylvania.....	8,801	6,660
Vermont.....	1,658	1,431	Connecticut.....	41,025	31,032			
Massachusetts.....	57,659	45,070				East North Central.....	17,650	12,824
Rhode Island.....	6,028	5,533	Middle Atlantic.....	562,648	499,082	Ohio.....	3,971	3,086
Connecticut.....	16,884	12,084	New York.....	302,483	293,366	Indiana.....	1,252	1,315
			New Jersey.....	88,001	58,654	Illinois.....	5,899	4,036
Middle Atlantic.....	270,669	257,800	Pennsylvania.....	172,164	147,062	Michigan.....	4,483	2,637
New York.....	154,655	165,957				Wisconsin.....	2,045	1,750
New Jersey.....	31,852	21,902	East North Central.....	576,316	488,804			
Pennsylvania.....	84,162	69,941	Ohio.....	161,894	139,566	West North Central.....	8,914	8,001
East North Central.....	241,663	212,143	Indiana.....	71,830	57,466	Minnesota.....	2,039	1,928
Ohio.....	64,972	54,187	Illinois.....	173,542	148,172	Iowa.....	1,806	1,710
Indiana.....	29,229	23,825	Michigan.....	116,631	96,612	Missouri.....	2,336	2,055
Illinois.....	71,428	69,825	Wisconsin.....	52,419	46,988	Nebraska.....	1,146	(2)
Michigan.....	52,854	44,355						
Wisconsin.....	23,180	19,951	West North Central.....	210,810	177,390	South Atlantic.....	8,037	5,926
			Minnesota.....	49,809	40,110	Maryland.....	1,424	1,194
West North Central.....	81,753	70,643	Iowa.....	35,076	28,863	District of Columbia.....	1,415	(2)
Minnesota.....	21,709	17,819	Missouri.....	74,853	63,641	Virginia.....	1,014	(2)
Iowa.....	17,493	15,891	North Dakota.....	5,337	4,410	South Carolina.....	1,120	(2)
Missouri.....	23,267	19,707	South Dakota.....	5,683	4,568	Florida.....	1,279	(2)
North Dakota.....	2,610	1,969	Nebraska.....	18,447	16,047			
South Dakota.....	2,579	2,044	Kansas.....	21,605	19,751	East South Central.....	2,653	2,517
Nebraska.....	7,234	7,030				West South Central.....	4,516	3,940
Kansas.....	6,861	6,183	South Atlantic.....	363,872	272,871	Texas.....	1,917	2,271
			Maryland.....	38,941	29,526			
South Atlantic.....	117,339	94,083	District of Columbia.....	63,493	43,829	Mountain.....	4,406	4,243
Maryland.....	15,023	11,710	Virginia.....	40,124	31,317	Colorado.....	2,852	2,824
District of Columbia.....	17,467	11,505	North Carolina.....	37,781	28,479			
Virginia.....	13,884	11,949	South Carolina.....	18,011	12,805	Pacific.....	6,909	6,945
West Virginia.....	7,123	7,080	Georgia.....	42,275	32,670	California.....	4,912	5,142
North Carolina.....	14,676	12,670	Florida.....	101,212	73,808			
Georgia.....	13,391	12,055				WEEKLY AND OTHER NEWSPAPERS: RECEIPTS FROM ADVERTISING (27114)		
Florida.....	26,945	19,867	East South Central.....	96,947	81,823	United States, total...	296,017	235,211
			Kentucky.....	24,356	20,819			
East South Central.....	40,209	35,133	Tennessee.....	37,376	31,773	New England.....	15,969	12,832
Kentucky.....	10,462	8,684	Alabama.....	26,300	21,986	Maine.....	1,573	1,335
Tennessee.....	17,391	14,542	Mississippi.....	8,915	7,245	New Hampshire.....	1,314	(2)
Alabama.....	9,350	9,416				Massachusetts.....	8,751	6,712
Mississippi.....	3,006	2,491	West South Central.....	214,192	177,893	Connecticut.....	3,185	2,850
			Arkansas.....	12,543	9,108			
West South Central.....	57,924	50,184	Louisiana.....	34,327	31,517	Middle Atlantic.....	52,279	39,351
Arkansas.....	4,428	3,309	Oklahoma.....	29,571	25,202	New York.....	21,297	14,402
Louisiana.....	9,584	9,066	Texas.....	137,751	112,066	New Jersey.....	15,523	12,250
Oklahoma.....	8,738	8,222				Pennsylvania.....	15,459	12,699
Texas.....	35,174	29,587	Mountain.....	106,537	79,204			
			Montana.....	7,038	7,705	East North Central.....	60,871	51,520
Mountain.....	36,149	25,269	Idaho.....	6,719	5,590	Ohio.....	13,022	9,347
Montana.....	2,786	3,063	Colorado.....	32,003	25,438	Indiana.....	4,675	4,929
Idaho.....	2,469	1,917	New Mexico.....	9,521	6,926	Illinois.....	25,254	20,912
Colorado.....	9,877	7,727	Utah.....	15,495	9,708	Michigan.....	11,271	11,404
New Mexico.....	2,398	1,896	Nevada.....	5,373	4,329	Wisconsin.....	6,649	4,930
Utah.....	4,626	3,297						
Nevada.....	5,432	1,220	Pacific.....	422,948	296,238	West North Central.....	34,264	29,780
			Washington.....	43,810	39,063	Minnesota.....	8,028	6,844
Pacific.....	127,748	100,331	Oregon.....	28,613	24,545	Iowa.....	7,202	6,756
Washington.....	18,467	15,406	California.....	338,956	232,630	Missouri.....	7,872	7,187
Oregon.....	8,532	8,002				North Dakota.....	1,377	1,364
California.....	96,473	76,923				South Dakota.....	1,820	1,437
Hawaii.....	3,304	(2)				Nebraska.....	4,415	3,008
						Kansas.....	3,550	3,184
DAILY AND SUNDAY NEWSPAPERS: RECEIPTS FROM ADVERTISING (27112)			WEEKLY AND OTHER NEWSPAPERS: RECEIPTS FROM SUBSCRIPTIONS AND SALES (27113)					
United States, total....	2,727,523	2,208,657	United States, total...	82,867	62,648			
New England.....	173,253	135,352	New England.....	7,238	3,767	South Atlantic.....	27,890	21,865
Maine.....	8,047	6,664	Massachusetts.....	4,503	1,864	Maryland.....	4,859	3,921
New Hampshire.....	5,510	3,992	Connecticut.....	1,571	1,023	District of Columbia.....	1,079	(2)

See footnotes at end of table.

TABLE 6D. **Product Classes—Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**—Continued

Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
WEEKLY AND OTHER NEWSPAPERS: RECEIPTS FROM ADVERTISING (27114)--Continued			SPECIALIZED BUSINESS PUBLISHING: RECEIPTS FROM ADVERTISING (27213)--Con.			GENERAL: RECEIPTS FROM ADVERTISING (27216)		
South Atlantic--Continued			East North Central.....	20,966	21,063	United States, total...	710,619	543,862
Virginia.....	3,697	2,754	Ohio.....	2,555	(Z)	Northeast.....	640,361	484,873
West Virginia.....	1,228	(Z)	Illinois.....	14,709	17,857	Massachusetts.....	1,598	2,486
North Carolina.....	4,810	3,941	Michigan.....	1,454	1,009	New York.....	528,727	371,531
South Carolina.....	1,472	1,647	Wisconsin.....	1,711	(Z)	North Central.....	34,103	32,188
Georgia.....	3,887	2,686	West North Central.....	5,788	1,905	Ohio.....	2,531	1,003
Florida.....	6,518	5,045	Minnesota.....	2,148	(Z)	Illinois.....	10,632	7,441
East South Central.....	11,061	9,032	Missouri.....	2,980	1,491	South.....	25,519	(²)
Kentucky.....	2,832	2,764	South.....	15,633	(²)	Mountain.....	1,913	1,113
Tennessee.....	3,315	2,269	Maryland.....	1,733	(Z)	Pacific.....	8,723	5,768
Alabama.....	2,499	2,336	District of Columbia....	9,978	12,159	California.....	8,547	5,466
Mississippi.....	2,415	1,665	West.....	10,742	(²)	OTHER: RECEIPTS FROM SUBSCRIPTION AND SALES AND ADVERTISING (27217)		
West South Central.....	18,339	17,016	California.....	5,523	2,996	United States, total...	230,213	265,396
Arkansas.....	1,768	1,543	SPECIALIZED BUSINESS PUBLISHING: RECEIPTS (27214)			New England.....	11,088	9,711
Louisiana.....	2,792	2,267	United States, total...	412,675	294,141	Middle Atlantic.....	115,666	163,377
Oklahoma.....	2,848	2,307	New England.....	9,941	4,891	New York.....	83,138	127,875
Texas.....	10,931	10,899	Massachusetts.....	5,129	2,543	East North Central.....	46,568	41,809
Mountain.....	10,738	10,133	Connecticut.....	4,576	2,348	Ohio.....	23,094	19,543
Montana.....	1,124	1,610	Middle Atlantic.....	225,238	174,460	Indiana.....	3,079	4,035
Idaho.....	1,100	1,164	New York.....	194,579	156,612	Illinois.....	17,902	13,801
Colorado.....	3,355	2,946	New Jersey.....	11,692	3,875	Michigan.....	1,525	2,413
Arizona.....	2,008	1,551	Pennsylvania.....	18,967	13,973	West North Central.....	21,196	18,621
Utah.....	1,059	(Z)	East North Central.....	104,924	75,717	Minnesota.....	4,843	5,126
Pacific.....	64,606	43,682	Ohio.....	24,473	16,522	Missouri.....	14,960	10,394
Washington.....	5,643	5,270	Indiana.....	2,218	(²)	South Atlantic.....	10,934	9,219
Oregon.....	4,654	3,315	Illinois.....	68,200	50,477	District of Columbia....	7,971	2,463
California.....	52,815	35,097	Michigan.....	6,377	5,887	Florida.....	1,666	2,515
Hawaii.....	1,399	(Z)	Wisconsin.....	3,656	(Z)	East South Central.....	17,267	4,411
FARM: PERIODICALS RECEIPTS FROM SUBSCRIPTIONS AND SALES (27211)	1963 ¹		West North Central.....	18,683	6,762	Tennessee.....	16,455	3,168
United States, total....		8,499	Minnesota.....	11,372	1,707	West South Central.....	3,240	5,770
Northeast.....		3,424	Iowa.....	1,231	1,009	Texas.....	2,536	4,384
East North Central.....		1,353	Missouri.....	5,092	3,927	West.....	4,254	12,478
West North Central.....		2,103	South Atlantic.....	18,552	14,214	California.....	3,342	9,446
South and West.....		1,619	District of Columbia....	11,343	9,387	TEXTBOOKS (27311)		
FARM: PERIODICALS RECEIPTS FROM ADVERTISING (27212)	1963 ¹	1958	Georgia.....	4,281	3,344	United States, total...	471,100	281,572
United States, total....	45,567	55,447	East South Central.....	2,276	(Z)	New England.....	92,930	60,200
Northeast.....	11,699	(²)	Tennessee.....	1,644	(Z)	Middle Atlantic.....	257,366	139,467
East North Central.....	9,221	10,359	West South Central.....	10,131	4,977	New York.....	195,092	102,244
Ohio.....	3,329	(²)	Texas.....	4,969	(Z)	New Jersey.....	49,326	29,589
West North Central.....	18,115	16,713	Mountain.....	6,696	2,815	Pennsylvania.....	12,948	7,634
Missouri.....	2,239	2,379	Pacific.....	16,234	9,469	East North Central.....	90,964	57,295
South.....	4,188	(²)	Washington.....	1,060	(Z)	Ohio.....	21,236	11,364
West.....	2,344	(²)	California.....	14,579	9,258	Indiana.....	3,145	(Z)
California.....	1,034	(Z)	GENERAL: RECEIPTS FROM SUBSCRIPTION AND SALES (27215)			Illinois.....	61,307	41,302
SPECIALIZED BUSINESS PUBLISHING: RECEIPTS FROM ADVERTISING (27213)			United States, total...	458,577	343,050	West North Central.....	9,456	10,696
United States, total....	122,667	86,315	New England.....	14,570	13,687	South.....	9,675	(²)
New England.....	4,393	1,845	Middle Atlantic.....	346,808	258,321	Pacific.....	10,709	5,048
Massachusetts.....	3,046	1,243	East North Central.....	23,426	22,008	TECHNICAL, SCIENTIFIC, AND PROFESSIONAL BOOKS (27313)		
Connecticut.....	1,250	(Z)	Ohio.....	1,486	2,701	United States, total...	156,342	116,021
Middle Atlantic.....	65,145	41,131	Illinois.....	14,216	15,914	New England.....	3,419	1,165
New York.....	53,121	35,105	West North Central.....	17,713	14,968	Middle Atlantic.....	86,590	57,091
New Jersey.....	3,154	3,004	South.....	42,992	(²)	New York.....	63,810	35,179
Pennsylvania.....	8,870	3,022	West.....	13,068	(²)	New Jersey.....	12,247	5,617
			California.....	12,283	6,469	Pennsylvania.....	10,533	16,295

See footnotes at end of table.

TABLE 6D. Product Classes—Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
TECHNICAL, SCIENTIFIC, AND PROFESSIONAL BOOKS (27313)--Continued			BOOKS AND PAMPHLET PRINTING AND BOOK BINDING (LITHOGRAPHIC PROCESS) (27321)			BOOK AND PAMPHLET PRINTING AND BOOK BINDING (OTHER PROCESS) (27322)--Continued		
East North Central.....	14,440	14,045	United States, total...	344,252	167,586	West North Central.....	7,855	10,693
Illinois.....	10,101	8,883				Minnesota.....	1,479	3,437
West North Central.....	22,075	12,877	New England.....	31,140	18,184	Iowa.....	341	1,567
South.....	8,555	(2)	Massachusetts.....	22,622	11,149	Missouri.....	3,573	4,533
Maryland.....	2,435	1,376	Connecticut.....	2,623	2,926	Kansas.....	1,580	(Z)
West.....	21,263	15,110	Middle Atlantic.....	93,482	51,258	South Atlantic.....	20,007	22,398
California.....	20,559	10,259	New York.....	66,054	38,282	Maryland.....	4,569	5,554
RELIGIOUS BOOKS (27314)			New Jersey.....	6,877	4,455	District of Columbia...	3,603	4,363
United States, total....	81,120	58,643	Pennsylvania.....	20,551	8,521	Virginia.....	5,444	6,638
New England.....	2,065	1,304	East North Central.....	111,708	56,477	North Carolina.....	1,938	(Z)
Middle Atlantic.....	33,443	23,748	Ohio.....	29,053	6,430	South Carolina.....	1,155	(Z)
New York.....	21,006	13,402	Indiana.....	17,074	8,296	Florida.....	2,216	1,412
New Jersey.....	4,859	5,565	Illinois.....	36,326	24,709	East South Central.....	22,725	23,131
Pennsylvania.....	7,578	4,781	Michigan.....	11,497	7,827	Tennessee.....	20,712	21,466
East North Central.....	26,371	15,697	Wisconsin.....	17,758	9,215	Alabama.....	1,192	(Z)
Indiana.....	2,108	(2)	West North Central.....	21,785	12,863	West South Central.....	5,573	5,816
Illinois.....	10,101	2,918	Minnesota.....	4,337	2,455	Texas.....	3,846	3,649
Michigan.....	5,352	2,975	Missouri.....	11,734	8,890	Mountain.....	1,749	2,478
West North Central.....	7,605	4,501	Kansas.....	3,866	(Z)	Pacific.....	4,444	7,353
Missouri.....	6,774	3,270	South Atlantic.....	26,237	11,292	California.....	3,589	6,088
South.....	10,023	(2)	Maryland.....	10,210	3,464	CATALOGS AND DIRECTORIES, PUBLISHING (27411)		
Tennessee.....	6,705	10,452	District of Columbia...	5,701	1,859	United States, total....	132,994	93,601
West.....	1,613	(Z)	Virginia.....	2,002	(Z)	New England.....	2,573	2,650
California.....	1,459	(Z)	North Carolina.....	2,745	1,474	Middle Atlantic.....	43,718	24,178
GENERAL BOOKS (TRADE, ETC.) (27315)			Georgia.....	1,673	3,316	New York.....	36,323	19,805
United States, total....	458,152	274,739	Florida.....	2,482	(Z)	New Jersey.....	5,124	(2)
New England.....	19,010	10,626	East South Central.....	5,521	3,259	Pennsylvania.....	2,271	(2)
Middle Atlantic.....	385,036	234,605	Kentucky.....	1,750	(Z)	East North Central.....	64,250	45,975
New York.....	371,239	226,034	Tennessee.....	2,561	1,862	Ohio.....	6,754	1,730
New Jersey.....	8,400	5,450	West South Central.....	18,076	3,316	Illinois.....	36,722	41,131
Pennsylvania.....	5,397	3,121	Arkansas.....	1,211	(Z)	West North Central.....	3,999	2,472
North Central.....	41,473	(2)	Texas.....	15,105	1,654	Minnesota.....	1,435	(Z)
Illinois.....	5,072	6,065	Mountain.....	10,918	1,019	Kansas.....	1,237	(Z)
South.....	7,360	(Z)	Pacific.....	25,385	9,918	South Atlantic.....	3,811	5,022
West.....	5,273	(Z)	Washington.....	1,334	(Z)	East South Central.....	1,788	(Z)
OTHER BOOKS AND PAMPHLETS (27316)			Oregon.....	1,258	(Z)	Tennessee.....	1,656	(Z)
United States, total....	154,842	96,003	California.....	22,291	8,763	West South Central.....	3,025	1,324
New England.....	9,103	8,304	BOOK AND PAMPHLET PRINTING AND BOOK BINDING (OTHER PROCESS) (27322)			Texas.....	2,605	1,177
Middle Atlantic.....	75,460	41,711	United States, total....	241,662	248,448	West.....	9,830	(2)
New York.....	71,942	38,546	New England.....	38,531	34,280	California.....	8,450	11,279
New Jersey.....	1,993	1,485	Vermont.....	5,985	5,909	BUSINESS SERVICE PUBLICATIONS (27412)		
Pennsylvania.....	1,525	1,680	Massachusetts.....	30,051	24,206	United States, total....	101,605	64,347
East North Central.....	43,076	20,138	Connecticut.....	1,367	3,115	New England.....	5,804	2,020
Ohio.....	7,561	5,948	Middle Atlantic.....	66,580	75,616	Middle Atlantic.....	57,342	27,185
Illinois.....	31,770	10,707	New York.....	41,524	47,535	North Central.....	22,899	(2)
West North Central.....	10,550	11,200	New Jersey.....	5,205	9,425	Ohio.....	1,042	(2)
South Atlantic.....	4,741	1,806	Pennsylvania.....	19,851	18,656	South.....	7,555	(2)
East South Central.....	3,161	2,543	East North Central.....	74,198	66,683	West.....	8,005	(2)
West South Central.....	1,499	7,338	Ohio.....	12,319	13,875			
West.....	7,252	(2)	Indiana.....	25,657	15,196			
California.....	5,549	2,302	Illinois.....	24,940	23,717			
			Michigan.....	4,206	3,002			
			Wisconsin.....	7,076	10,893			

See footnotes at end of table.

TABLE 6D. **Product Classes—Value of Receipts of All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts		Product class and geographic area	Value of receipts	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
OTHER MISCELLANEOUS PUBLISHING (27413)			OTHER MISCELLANEOUS PUBLISHING (27413)—Continued			OTHER MISCELLANEOUS PUBLISHING (27413)—Continued		
United States, total....	158,212	131,788	East North Central.....	44,279	35,900	South Atlantic.....	5,832	3,348
New England.....	6,973	6,047	Ohio.....	3,350	2,444	District of Columbia....	2,740	(Z)
Massachusetts.....	4,980	4,424	Indiana.....	2,450	2,594	Florida.....	1,004	1,122
Connecticut.....	1,057	1,086	Illinois.....	33,603	25,850	East South Central.....	2,087	(Z)
Middle Atlantic.....	63,707	51,889	Michigan.....	4,180	4,197	Tennessee.....	1,203	(Z)
New York.....	52,114	23,984	West North Central.....	13,329	10,020	West South Central.....	2,183	1,839
New Jersey.....	7,209	5,634	Minnesota.....	5,288	2,215	Texas.....	1,819	1,054
Pennsylvania.....	4,384	3,855	Missouri.....	4,753	5,270	Mountain.....	1,077	(Z)
						Pacific.....	18,745	21,750
						Washington.....	1,543	(Z)
						California.....	16,667	21,084

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes receipts of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 27111, Delaware, South Carolina, and Arizona; 27112, Delaware, West Virginia, Wyoming, Arizona, Alaska, and Hawaii; 27211, Pennsylvania; 27212, Pennsylvania, Illinois, Wisconsin, Minnesota, Iowa, Nebraska, and Texas; 27213, Georgia, and Colorado; 27214, Oklahoma, and Colorado; 27215, Massachusetts, Connecticut, New York, Pennsylvania, Michigan, Wisconsin, Iowa, Missouri, Maryland, and District of Columbia; 27216, Connecticut, Pennsylvania, Iowa, Missouri, and District of Columbia; 27217, Massachusetts, Connecticut, New Jersey, and Pennsylvania; 27311, Massachusetts, Michigan, Wisconsin, Minnesota, Missouri, Georgia, Oklahoma, Texas, and California; 27313, Ohio, Indiana, Minnesota, Missouri, Virginia, and Alabama; 27314, Massachusetts, Ohio, Wisconsin, and District of Columbia; 27315, Massachusetts, Connecticut, Ohio, Indiana, Wisconsin, Iowa, Maryland, Kentucky, Tennessee, and California; 27316, Massachusetts, Wisconsin, Minnesota, Iowa, Missouri, District of Columbia, Tennessee, and Texas; 27321, Rhode Island, Alabama, Idaho, and Utah; 27411, Connecticut, Indiana, Michigan, Wisconsin, and Virginia; 27412, Massachusetts, Connecticut, New York, New Jersey, Illinois, District of Columbia, Texas, Colorado, and California; 27413, Kansas.

²Receipts of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 6E. Newspaper and Periodical Publishing—Receipts by Kind:
1963 and Earlier Years

Year	Newspaper receipts			Periodical receipts		
	Total ¹	Subscriptions and sales	Advertising	Total	Subscriptions and sales	Advertising
1963.....	² 4,254,711	1,147,302	3,023,540	³ 2,037,315	742,935	1,241,554
1962 ⁴	4,089,180	1,141,724	2,915,152	1,953,795	678,327	1,228,368
1961 ⁴	3,954,553	1,114,837	2,803,184	1,925,751	676,680	1,210,832
1960 ⁴	3,920,204	1,067,035	2,806,324	1,897,083	655,153	1,208,275
1959 ⁴	3,767,355	1,026,437	2,690,363	1,783,119	608,361	1,128,351
1958.....	⁵ 3,458,342	979,309	2,443,868	⁶ 1,639,089	573,179	1,018,431
1957 ⁴	3,477,318	940,955	2,509,748	1,616,435	546,809	1,069,626
1956 ⁴	3,396,430	893,441	2,476,361	1,572,104	528,072	1,007,666
1955 ⁴	3,210,236	862,943	2,320,429	1,480,327	553,078	908,262
1954.....	⁷ 2,913,167	837,008	2,049,538	⁸ 1,413,052	530,580	863,493
1953 ⁴	2,832,603	830,986	2,001,617	1,443,801	551,291	892,510
1952 ⁴	2,672,379	792,926	1,879,453	1,350,172	537,321	812,851
1951 ⁴	2,499,875	752,779	1,747,096	1,264,271	516,756	747,515
1950 ⁴	2,375,109	733,616	1,641,493	1,118,546	470,129	648,417
1949 ⁴	2,232,322	729,812	1,502,510	1,144,512	476,733	667,779
1947.....	1,792,338	599,925	1,192,413	1,019,473	407,016	612,457
1939.....	845,687	306,192	539,495	409,027	184,572	224,455
1937.....	861,689	287,509	574,180	407,835	171,961	235,874
1935.....	760,247	260,224	500,023	329,564	143,466	186,098
1933.....	667,820	239,147	428,673	269,294	128,292	141,002
1931.....	886,523	261,569	624,954	407,254	163,698	243,556
1929.....	1,073,119	275,781	797,338	507,445	184,545	322,900
1927.....	977,648	252,811	724,837	482,040	176,656	305,384
1925.....	892,094	230,581	661,513	429,516	167,757	261,759
1923.....	803,497	222,559	580,938	351,289	138,333	212,956
1921.....	734,321	212,636	521,685	270,949	115,648	155,301
1919.....	566,321	192,819	373,502	239,984	85,187	154,797
1914.....	283,589	99,542	184,047	135,621	64,035	71,586

¹Varies from total receipts for the industry shown in tables 1, 2, 3, and 5 by the amount of secondary products, miscellaneous receipts, etc.²Includes \$83,869 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."³Includes \$35,165 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."⁴These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.⁵Included \$83,749 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."⁶Included \$47,479 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."⁷Included \$26,623 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."⁸Included \$18,979 thousand receipts not distributed between "Subscriptions and Sales" and "Advertising."

TABLE 6F. Newspapers (Daily and Sunday)—Number, Circulation, and Frequency, by Geographic Areas: 1963

(Circulation figures in thousands)

Item	United States, total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Morning editions, total: ¹										
Number.....	356	28	68	43	28	60	23	45	27	34
Circulation.....	26,629	2,154	7,525	4,356	1,687	3,892	1,137	2,289	892	2,697
Morning only (no Sunday edition):										
Number.....	83	12	27	13	5	6	4	3	3	10
Circulation.....	2,352	619	591	683	(D)	197	(D)	76	11	129
Morning and Sunday:										
Number.....	86	3	19	10	5	11	3	15	11	9
Circulation.....	13,762	612	6,049	2,580	357	1,176	27	754	440	1,767
Morning and evening:										
Number.....	22	3	9	3	1	4	2	-	-	-
Circulation.....	311	91	139	3	(D)	70	(D)	-	-	-
Morning, evening, and Sunday:										
Number.....	165	10	13	17	17	39	14	27	13	15
Circulation.....	10,204	832	746	1,090	1,313	2,449	1,073	1,459	441	801
Evening editions, total: ¹										
Number.....	1,410	88	181	316	192	157	67	168	83	158
Circulation.....	37,202	2,308	8,365	8,527	3,530	3,993	1,597	2,835	1,471	4,576
Evening only (no Sunday edition):										
Number.....	914	69	145	249	141	77	25	50	43	115
Circulation.....	13,825	1,132	4,167	3,917	(D)	1,000	(D)	388	292	1,685
Evening and Sunday:										
Number.....	309	6	14	47	33	37	26	91	27	28
Circulation.....	13,872	267	3,091	3,692	944	1,208	365	1,336	919	2,050
Evenings and mornings:										
Number.....	22	3	9	3	1	4	2	-	-	-
Circulation.....	411	64	201	3	(D)	136	(D)	-	-	-
Evenings, mornings, and Sunday:										
Number.....	165	10	13	17	17	39	14	27	13	15
Circulation.....	9,094	845	906	915	1,527	1,649	1,040	1,111	260	841
Sunday editions, total: ¹										
Number.....	560	19	46	74	55	87	43	133	51	52
Circulation.....	51,669	2,395	12,972	10,384	4,976	6,165	2,472	4,279	1,790	6,236
Morning and Sunday:										
Number.....	86	3	19	10	5	11	3	15	11	9
Circulation.....	17,433	656	7,713	3,416	433	1,399	28	881	543	2,364
Evening and Sunday:										
Number.....	309	6	14	47	33	37	26	91	27	28
Circulation.....	17,454	221	3,541	5,529	1,512	1,349	733	1,469	687	2,413
Morning and evening and Sunday:										
Number.....	165	10	13	17	17	39	14	27	13	15
Circulation.....	16,781	1,518	1,718	1,439	3,031	3,417	1,710	1,929	560	1,459

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages. (See text for more complete description which constitutes a newspaper in the census of manufactures.)

TABLE 6G. Newspapers (Daily, Sunday, and Weekly)—Number and Circulation, by Geographic Areas: 1963 and 1958

Region and State	Morning				Evening				Sunday ¹				Weekly and other ²		
	Number		Aggregate circulation per issue		Number		Aggregate circulation per issue		Number		Aggregate circulation per issue		Number		Aggregate circulation per issue 1958
	1963	1958	1963	1958	1963	1958	1963	1958	1963	1958	1963	1958	1963	1958	
United States, total.	356	357	26,629	23,916	1,410	1,421	37,202	34,797	560	552	51,669	48,262	5,377	6,315	29,828
New England.....	28	26	2,154	1,418	88	95	2,308	2,530	19	19	2,395	2,265	245	282	1,617
Maine.....	5	5	199	189	4	4	57	54	1	1	(D)	(D)	40	41	203
New Hampshire.....	1	1	(D)	(D)	9	9	110	97	1	1	(D)	(D)	30	27	86
Vermont.....	2	2	(D)	(D)	6	9	59	47	1	1	(D)	(D)	15	20	46
Massachusetts.....	13	10	1,456	886	44	48	1,252	1,540	9	9	1,607	1,528	114	134	958
Rhode Island.....	1	1	(D)	(D)	6	6	244	235	2	2	(D)	(D)	10	14	69
Connecticut.....	6	7	354	210	19	19	586	557	5	35	439	398	36	46	255
Middle Atlantic.....	68	73	7,525	6,945	181	183	8,365	7,393	46	46	12,972	13,894	685	845	6,035
New York.....	34	39	5,655	5,140	70	71	3,845	3,623	30	30	8,677	9,795	331	403	2,479
New Jersey.....	6	6	511	402	21	19	1,235	998	7	6	1,254	887	140	166	1,036
Pennsylvania.....	28	28	1,359	1,403	90	93	3,285	2,772	9	310	3,041	3,212	214	276	2,520
East North Central.....	43	42	4,356	3,957	316	319	8,527	8,649	74	78	10,384	9,432	1,035	1,374	6,151
Ohio.....	13	11	1,256	826	89	87	2,610	2,541	18	20	3,314	2,113	207	266	1,480
Indiana.....	10	9	462	437	71	69	1,210	1,166	19	19	1,156	1,064	145	245	673
Illinois.....	15	14	1,890	1,885	70	75	1,990	2,212	21	20	3,144	3,251	294	404	1,755
Michigan.....	1	3	(D)	542	52	53	1,827	1,860	11	13	2,037	2,102	218	266	1,457
Wisconsin.....	4	5	(D)	267	34	35	890	870	5	6	733	902	171	193	786
West North Central.....	28	31	1,687	1,903	192	195	3,530	3,364	55	51	4,976	4,247	1,107	1,291	4,131
Minnesota.....	4	5	379	375	24	25	681	654	7	5	988	915	237	278	801
Iowa.....	3	5	313	313	41	38	681	617	10	9	901	848	219	263	768
Missouri.....	8	10	552	792	46	47	1,161	1,022	14	12	2,091	1,442	204	245	1,400
North Dakota.....	2	2	(D)	(D)	9	10	133	121	2	2	(D)	(D)	53	65	139
South Dakota.....	1	1	(D)	(D)	10	10	167	157	4	4	120	(D)	89	91	221
Nebraska.....	4	3	170	167	16	17	281	294	5	5	362	346	134	156	390
Kansas.....	6	5	236	219	47	48	426	499	14	14	421	498	171	193	412
South Atlantic.....	60	61	3,892	3,440	157	153	3,993	3,616	87	88	6,165	5,764	594	603	2,241
Delaware.....	1	1	(D)	(D)	2	2	(D)	(D)	-	-	-	-	11	13	35
Maryland.....	5	4	328	226	8	8	530	542	3	3	655	681	50	68	337
District of Columbia.....	2	1	(D)	(D)	2	2	(D)	(D)	2	2	(D)	(D)	13	10	211
Virginia.....	9	9	420	386	23	22	540	485	10	12	618	587	80	78	310
West Virginia.....	9	9	229	244	20	20	253	265	8	8	374	381	52	60	142
North Carolina.....	8	10	558	545	35	36	550	531	14	14	773	730	108	100	328
South Carolina.....	8	8	356	329	9	9	156	145	7	7	395	(D)	53	53	166
Georgia.....	6	6	404	389	24	25	554	513	11	11	841	841	109	117	408
Florida.....	12	13	1,069	905	34	29	827	625	32	31	1,645	1,474	118	104	304
East South Central.....	23	21	1,137	1,046	67	73	1,597	1,584	43	44	2,472	2,003	300	349	1,183
Kentucky.....	6	8	310	305	21	21	364	394	12	12	884	515	90	113	384
Tennessee.....	8	7	507	475	20	22	558	545	11	10	820	762	76	83	340
Alabama.....	5	3	229	198	14	15	493	452	14	14	605	555	65	75	211
Mississippi.....	4	3	91	68	12	15	182	193	6	8	162	171	69	78	248
West South Central.....	45	40	2,289	2,002	168	168	2,835	2,673	133	127	4,279	3,970	618	660	3,666
Arkansas.....	4	6	143	146	27	27	240	230	9	10	313	307	76	80	188
Louisiana.....	5	4	388	341	15	14	381	373	10	8	651	579	65	73	308
Oklahoma.....	8	8	436	308	43	41	483	459	40	36	691	643	123	123	278
Texas.....	28	22	1,322	1,207	83	86	1,731	1,611	74	73	2,624	2,441	354	384	2,892
Mountain.....	27	26	892	735	83	87	1,471	1,053	51	54	1,790	1,609	294	336	1,876
Montana.....	4	4	138	93	10	14	53	74	9	10	119	164	42	61	155
Idaho.....	5	4	85	76	11	11	72	91	5	5	120	109	35	44	92
Wyoming.....	6	5	39	33	4	4	34	35	4	4	39	38	23	24	63
Colorado.....	3	5	240	203	21	22	405	394	8	9	668	615	87	101	1,159
New Mexico.....	1	1	(D)	(D)	16	17	126	124	11	14	155	149	24	22	78
Arizona.....	3	4	189	159	10	9	180	143	4	5	286	238	36	41	221
Utah.....	1	1	(D)	(D)	5	4	183	139	5	4	284	232	30	30	75
Nevada.....	4	2	41	(D)	6	6	418	53	5	3	119	64	17	13	33
Pacific.....	34	37	2,697	2,470	158	148	4,576	3,935	52	45	6,236	5,078	499	575	2,928
Washington.....	5	6	309	331	21	22	688	619	10	10	855	823	101	134	606
Oregon.....	2	4	(D)	265	19	17	398	353	5	8	488	602	70	74	292
California.....	26	27	2,058	1,874	109	109	3,288	2,963	34	27	4,765	3,653	309	367	2,030
Alaska.....	-	-	-	-	5	-	63	-	1	-	(D)	-	6	-	-
Hawaii.....	1	-	(D)	-	4	-	139	-	2	-	(D)	-	13	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Includes all daily and Sunday newspapers published in the United States whether in English or foreign languages; also all newspapers published singly or in combination with other editions. (See text for more complete description of what constitutes a newspaper in the census of manufactures.)

²1963 circulation data for weekly and other newspapers are not shown because this information was not reported by many small newspapers. However, based on the yearly subscription rate for those reporting circulation it is estimated that the aggregate average circulation per issue for weekly newspapers would be approximately 17,500 thousand and newspapers other than daily and weekly, approximately 3,600 thousand.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963		1958	
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
			INDUSTRY 2711.—NEWSPAPERS			
	Materials and supplies, total.....		(X)	1,162,170	(X)	987,061
262111	Newsprint.....	Short tons.....	6,616,320	889,287	5,830,483	798,379
262101	All other paper.....	do.....	90,071	22,830	98,300	27,534
289301	Printing inks, complete formulations.....	1,000 lbs.....	257,106	19,886	(X)	161,148
976000	Materials, containers, supplies, n.s.k. ¹		(X)	103,154		
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	127,013		
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry.....	1,000 lbs.....	63,126	(X)	(NA)	(X)
			INDUSTRY 2721.—PERIODICALS			
			INDUSTRY 2731.—BOOKS, PUBLISHING, AND PRINTING			
			INDUSTRY 2711.—NEWSPAPERS			
			INDUSTRY 2721.—PERIODICALS			
			INDUSTRY 2731.—BOOKS, PUBLISHING, AND PRINTING			
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			INDUSTRY 2731.—BOOKS, PUBLISHING, AND PRINTING			
			INDUSTRY 2711.—NEWSPAPERS			
			INDUSTRY 2721.—PERIODICALS			
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			INDUSTRY 2711.—NEWSPAPERS			
			INDUSTRY 2721.—PERIODICALS			
			INDUSTRY 2731.—BOOKS, PUBLISHING, AND PRINTING			

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958 cost (\$1,000)
			Quantity	Delivered cost (\$1,000)	
	Materials, containers, and supplies, total.....		(X)	155,576	102,170
262112	Newsprint.....		(NA)	4,370	5,106
262101	All other paper.....	Short tons.....	173,886	61,372	51,380
263151	Paperboard (exclude that used for shipping).....		(NA)	5,357	(NA)
289301	Printing inks.....	1,000 lbs.....	8,762	8,352	(NA)
976000	Materials, containers, supplies, n.s.k. ¹		(NA)	22,545	40,033
970099	All other materials and components, parts, containers, and supplies consumed; including metal type etc.....		(X)	53,580	5,651
289301	Consumption of printing inks, complete formulations, produced and consumed in this industry.....	1,000 lbs.....	28,351	(X)	(X)
			1963		1958
			Quantity	Delivered cost (\$1,000)	Quantity Delivered cost (\$1,000)
	Materials, containers, and supplies, total.....		(X)	53,599	(X) 39,396
262111	Newsprint.....	Short tons.....	25,268	3,680	37,707 5,326
264101	Coated paper, all types.....	..do.....	12,562	4,078	(NA) 2,787
262102	Uncoated papers (groundwood, book, bond, writing, ledger, and manifold).....	..do.....	21,187	7,700	19,737 6,060
262150	Bristols, cover, text, and other specialty paper uncoated.....	..do.....	3,075	1,159	1,917 1,196
262101	All other paper and board.....	..do.....	1,937	794	(X) 1,294
289301	Printing inks (complete formulations purchased commercially).....	1,000 lbs.....	558	442	} (X) 22,733
976000	Materials, containers, supplies, n.s.k. ¹		(X)	23,278	
970099	All other materials and components, parts, containers, and supplies consumed.....		(X)	12,468	

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not elsewhere classified.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Newspapers (SIC 2711)	Periodicals (SIC 2721)	Books, publishing and printing (SIC 2731)	Book printing (SIC 2732)	Miscellaneous publishing (SIC 2741)
Total cost of purchased fuels and electric energy.....\$1,000..	26,593	5,041	2,553	3,525	1,339
Total cost of purchased fuels.....do....	6,082	1,233	760	911	367
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	(S)	24	8	(S)	(S)
Cost.....\$1,000..	(S)	235	69	(S)	(S)
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	330	40	44	131	24
Cost.....\$1,000..	1,422	175	164	464	102
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	4,507	693	555	557	180
Cost.....\$1,000..	2,599	416	323	291	109
Other fuels.....do....	2,016	407	204	119	153
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	1,326	229	107	166	46
Cost.....\$1,000..	20,511	3,808	1,793	2,614	972
Generated less sold.....million kw.-hrs..	-	(S)	-	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	614	87	50	51	21
Prime movers, total.....do....	16	4	(Z)	2	(Z)
Driving generators.....do....	8	3	(Z)	(Z)	-
Not driving generators.....do....	8	1	(Z)	2	(Z)
Electric motors, total.....do....	600	83	49	49	21
Driven by purchased energy.....do....	599	83	49	49	21
Driven by energy generated at establishment.....do....	(Z)	(Z)	-	-	-
Aggregate horsepower per 100 production workers.....	376	717	414	178	222

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 7C. Newsprint Consumed in Newspaper Publishing (Industry 2711), by Geographic Areas: 1963 and 1958

Divisions, regions, and States	Quantities (in tons of 2,000 pounds)		
	Newsprint consumed by newspaper publishers ¹		Newsprint consumed by daily and Sunday newspaper publishers 1963
	1963	1958	
UNITED STATES, TOTAL.....	6,616,320	5,830,483	6,398,972
New England.....	373,091	346,729	364,292
Maine.....	16,183	15,108	15,696
New Hampshire.....	7,438	10,794	6,920
Vermont.....	4,193	4,027	4,112
Massachusetts.....	228,563	220,083	225,104
Rhode Island.....	31,994	28,234	31,673
Connecticut.....	84,720	68,483	80,787
Middle Atlantic.....	1,590,184	1,493,577	1,547,940
New York.....	908,118	917,601	889,833
New Jersey.....	196,706	134,000	189,352
Pennsylvania.....	485,360	441,976	468,755
East North Central.....	1,394,202	1,335,650	1,360,370
Ohio.....	376,184	408,325	368,787
Indiana.....	140,181	115,912	138,295
Illinois.....	458,148	437,278	439,340
Michigan.....	283,576	238,730	279,175
Wisconsin.....	136,113	135,405	134,773
West North Central.....	447,720	476,592	429,603
Minnesota.....	121,488	114,921	113,462
Iowa.....	64,794	64,998	61,363
Missouri.....	165,777	205,722	160,955
North Dakota.....	8,010	7,616	7,867
South Dakota.....	7,791	7,417	7,688
Nebraska.....	42,973	38,672	41,775
Kansas.....	36,887	37,246	36,493
South Atlantic.....	840,502	638,874	828,898
Delaware.....	12,010	9,094	11,902
Maryland.....	105,396	90,428	102,804
District of Columbia.....	157,203	120,398	156,506
Virginia.....	87,277	71,548	85,874
West Virginia.....	24,087	34,019	23,719
North Carolina.....	83,967	72,214	81,681
South Carolina.....	34,443	30,328	34,065
Georgia.....	100,526	85,098	98,913
Florida.....	235,593	125,747	233,434
East South Central.....	222,803	205,750	220,647
Kentucky.....	55,922	51,550	55,431
Tennessee.....	90,512	84,086	90,130
Alabama.....	59,016	56,971	58,105
Mississippi.....	17,353	13,143	16,981
West South Central.....	479,730	411,404	469,161
Arkansas.....	23,989	20,824	23,848
Louisiana.....	80,116	73,516	79,295
Oklahoma.....	65,609	54,450	65,130
Texas.....	310,016	262,614	300,888
Mountain.....	205,239	160,708	199,353
Montana.....	8,875	11,563	8,814
Idaho.....	8,249	7,520	8,194
Wyoming.....	2,776	2,334	2,650
Colorado.....	82,027	69,066	78,064
New Mexico.....	12,289	9,011	12,052
Arizona.....	52,248	31,503	51,306
Utah.....	30,098	24,707	29,677
Nevada.....	8,677	5,004	8,596
Pacific.....	1,062,849	761,199	978,708
Washington.....	95,960	87,152	92,685
Oregon.....	62,033	60,358	61,303
California.....	883,411	613,689	804,194
Alaska.....	(D)	(NA)	(D)
Hawaii.....	(D)	(NA)	(D)

(D) Withheld to avoid disclosing figures for individual companies. (NA) Not available.

¹Purchased and consumed by newspaper publishers, purchased by newspaper publishers and consumed by printers in printing publications. The classification "Newspaper Publisher" does not include publishers of supplements prepared for issuance and sale by publishers of Sunday newspapers. Publishers of such supplements and their newsprint consumption are reported in industry 2721, Periodicals (see text for more complete explanation).

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Appendix A for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2711-	NEWSPAPERS										
	Entire industry.....	8,331	306,439	1,784,570	160,061	294,541	935,160	3,201,872	1,281,146	4,483,592	135,198
	Establishments with—										
	90% or more specialization..	4,859	258,536	1,542,123	131,987	240,977	791,049	2,817,281	1,104,440	3,922,513	111,520
	75-89% specialization.....	1,611	27,821	151,794	15,880	29,962	87,721	258,746	123,008	381,644	13,422
2721-	PERIODICALS										
	Entire industry.....	2,630	67,730	461,124	12,257	22,134	65,573	1,349,030	958,118	2,295,716	33,784
	Establishments with—										
	90% or more specialization..	2,412	49,588	346,939	7,303	13,475	41,046	1,006,392	697,311	1,699,537	16,936
	75-89% specialization.....	104	9,723	60,985	2,882	4,802	13,502	141,588	94,365	231,845	8,837
2731-	BOOKS, PUBLISHING AND PRINTING										
	Entire industry.....	993	46,812	280,664	11,810	23,450	59,474	995,736	582,345	1,534,632	25,426
	Establishments with—										
	90% or more specialization..	870	30,917	193,786	5,865	11,901	30,046	729,648	434,898	1,131,809	14,480
	75-89% specialization.....	41	6,819	44,442	3,187	6,129	17,013	177,462	73,566	242,586	7,663
2732-	BOOK PRINTING										
	Entire industry.....	683	36,101	214,175	29,641	59,563	164,559	358,294	189,980	546,587	24,945
	Establishments with—										
	90% or more specialization..	357	13,719	77,267	11,468	22,688	61,136	130,371	72,983	203,412	8,046
	75-89% specialization.....	78	7,607	43,006	6,397	12,970	33,631	71,107	28,471	97,355	2,794
27321	Book and pamphlet printing and book binding (lithographic process) (primary product class of establishment).....	329	18,282	114,684	14,740	29,940	85,531	198,955	121,316	318,480	16,448
	Establishments with—										
	90% or more specialization....	122	5,358	31,730	4,444	8,762	24,361	56,545	41,115	97,329	5,104
	75-89% specialization.....	41	2,096	12,592	1,771	3,513	9,672	25,374	10,255	34,465	1,141
27322	Book and pamphlet printing and book binding (other process) (primary product class of estab.)	217	16,327	91,830	13,710	27,277	73,149	143,937	60,708	204,715	5,879
	Establishments with—										
	90% or more specialization....	79	5,054	27,739	4,215	8,329	22,281	43,591	14,105	58,487	1,290
	75-89% specialization.....	38	6,438	35,523	5,548	11,297	28,940	54,225	20,590	73,465	2,304
2741-	MISCELLANEOUS PUBLISHING										
	Entire industry.....	1,374	22,551	130,427	9,798	18,688	48,799	252,932	137,125	389,588	7,113
	Establishments with—										
	90% or more specialization..	1,226	18,742	109,047	7,390	14,066	35,287	204,091	117,541	322,453	5,897
	75-89% specialization.....	39	1,125	5,620	603	1,145	2,903	12,803	5,132	17,635	356
27411	Catalogs and directories, publishing (primary product class of establishment).....	261	6,188	34,291	3,145	6,369	13,480	63,561	61,561	125,305	2,212
	Establishments with—										
	90% or more specialization....	227	5,623	31,232	2,954	6,039	12,545	53,338	58,297	111,835	2,077
	75-89% specialization.....	8	284	1,761	72	145	561	6,819	1,928	8,724	47
27412	Business service publications (primary product class of estab.)	53	6,267	41,765	1,577	2,781	8,390	76,022	18,729	95,075	1,305
	Establishments with—										
	90% or more specialization....	40	3,643	24,450	1,086	1,848	5,033	46,658	12,397	59,470	641
27413	Other miscellaneous publishing (primary product class of estab.)	478	8,116	45,412	4,284	8,110	23,050	97,784	45,413	142,097	2,917
	Establishments with—										
	90% or more specialization....	390	5,442	31,482	2,466	4,486	13,438	65,968	30,200	96,235	2,248
	75-89% specialization.....	26	722	3,223	449	884	2,030	4,832	3,303	7,855	175

TABLE 9. Distribution of Book Sales, by Class of Customer: 1963

Code	Type of book	Receipts for sale of books by class of customer—1963							
		Total	Foreign sales (direct or through specialized book export- ers)	Wholesale book distributors	Retail book distributors (including college book- stores)	Federal, State and local government (incl. public school system and public libraries)	College and university libraries	Direct sale to consumers (book club, mail order, and subscrip- tion sales)	Receipts from book publishing not specified as to class of customer
	Total sales, books by publishers.....	1,469,345	40,589	177,368	218,178	155,976	17,527	351,849	507,858
	Text books (product class code 27311):								
365	Elementary: Hardbound and paperbound.....	134,357	2,537	57,129	2,553	62,726	(D)	6,576	(D)
366	High school: Hardbound and paperbound.....	106,660	2,051	8,254	6,837	47,474	713	5,207	36,124
367	College: Hardbound and paperbound.....	146,592	7,611	6,247	74,926	2,881	10,811	6,835	37,281
368	Workbooks, standardized tests, and manuals (all grades) paperbound.....	80,378	817	2,821	9,134	21,702	747	9,268	35,889
369	Subscription reference books, hardbound (product class code 27312).....	207,338	4,421	3,124	6,802	4,473	(D)	184,490	(D)
	Technical, scientific, and professional books (product class code 27313):								
370	Lawbooks.....	57,384	467	2,018	2,348	1,939	475	46,253	3,884
371	Medical books.....	24,148	2,322	5,877	3,462	230	427	3,228	8,602
372	Business books.....	5,592	1,253	(D)	(D)	(D)	(D)	1,710	2,267
373	Other technical, scientific, and professional books.....	67,210	4,890	846	8,032	915	1,290	2,300	48,937
	Religious books (product class code 27314):								
374	Bibles and testaments.....	26,421	581	801	4,133	(D)	(D)	3,433	17,447
375	Other religious books (including hymnals and devotionals, hardbound and paperbound).....	52,096	1,283	6,427	9,194	(D)	(D)	7,385	27,665
	General books (trade, etc.) (product class code 27315):								
376	Book club books, hardbound and paperbound.....	143,418	916	626	3,213	1,740	-	47,267	89,656
377	Wholesale paperbound books.....	60,543	(D)	13,700	(D)	(D)	(D)	(D)	45,939
	Adult trade books:								
378	Hardbound.....	108,515	6,379	33,689	37,124	3,371	964	7,440	19,548
379	Paperbound.....	34,485	2,386	10,471	13,960	2,022	217	1,126	4,303
	Juvenile books:								
380	\$1.00 and over retail, hardbound and paperbound	72,678	(D)	17,644	9,865	3,016	(D)	1,632	38,951
381	Under \$1.00 retail, hardbound and paperbound...	31,257	(D)	(D)	20,769	(D)	(D)	(D)	10,268
382	Other books: Hardbound and paperbound (product class code 27316, except pamphlets).....	110,273	861	7,559	5,091	3,325	1,046	17,625	74,766

Standard Notes: - Represents zero. (D) Withheld to avoid disclosure of individual company figures. (NA) Not available. (X) Not applicable.

¹Data in this table will not agree with that shown in table 6A, since we have not included any miscellaneous data on books not specified as to type, as well as pamphlets in this table.

COMMERCIAL PRINTING AND MANIFOLD BUSINESS FORMS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2751—Commercial Printing, Except Lithographic
- 2752—Commercial Printing, Lithographic
- 2753—Engraving and Plate Printing
- 2761—Manifold Business Forms Manufacturing

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

For the purpose of this report, value of shipments (except for industry 2761, Manifold Business Forms) includes primarily value of receipts for services performed.

2751—COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC

This industry comprises establishments primarily engaged in commercial or job printing, except lithographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those that specialize in gravure, rotogravure, and screen process printing. Establishments primarily engaged in printing books, without publishing, are classified in industry 2732, and greeting cards in industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in industry 2752. For a detailed list of products of industry 2751, refer to table 6A, product codes 2751115 to 2751998.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Printing, Except Lithographic, Industry totaled \$2,645 million. This amount included receipts from commercial printing, except lithographic (primary products) valued at \$2,188 million, shipments of other products (secondary products) valued at \$365 million, and miscellaneous receipts (mainly resales), at \$92 million.

This industry's receipts from commercial printing, except lithographic, represented 86 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of commercial printing, lithographic (\$191 million), and book printing (\$65 million).

Receipts from commercial printing, except lithographic, by this industry represented 79 percent of all shipments of these products (\$2,755 million) by all industries. Other industries reporting letterpress, gravure, and screen commercial printing consisted mainly of industry 2752, Printing, Lithographic, \$214 million; and industry 2711, Newspapers, \$108 million.

The coverage ratio for individual product classes varies significantly from that for the 4-digit industry for the following product classes of industry 2751, e.g., 27511, Magazine and periodical printing, 88 percent; 27512, Labels and wrappers printing, 71 percent; 27515, Advertising printing, 72 percent; 27516, Other general job printing, 69 percent; 27517, Publication printing (gravure), 96 percent; and 27519, Screen process printing, except textiles, 91 percent.

2752—COMMERCIAL PRINTING, LITHOGRAPHIC

This industry comprises establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, poster, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in industry 2732, and greeting cards in industry 2771. For a detailed list of products of industry 2752, refer to table 6A, product codes 2752115 to 2752711.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Printing, Lithographic, Industry totaled \$2,150 million. This amount included receipts from lithographic commercial printing (primary products) valued at \$1,658 million, shipments of other products (secondary products) valued at \$422 million, and miscellaneous receipts (mainly resales) at \$69 million.

This industry's receipts from commercial lithography represented 80 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of letterpress printing (\$214 million), and book printing (\$100 million).

Receipts from commercial printing, lithographic by this industry represented 82 percent of all shipments of these products (\$2,025 million) by all industries. Other industries reporting commercial lithography consisted mainly of industry 2751, Printing, Except Lithographic, \$191 million; and industry 2732, Book Printing, \$54 million.

2753—ENGRAVING AND PLATE PRINTING

This industry comprises establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates, in using these plates to print stationery, visiting and other cards, invitations, maps, etc., and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in industry 3479. Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts) are classified in industry 2793. For a detailed list of products of industry 2753, refer to table 6A, product codes 2753012 to 2753075.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Engraving and Plate Printing Industry totaled \$111 million. This amount included receipts from engraving and plate printing (primary products) valued at \$93 million, shipments of other products (secondary products) valued at \$12 million, and miscellaneous receipts (mainly resales), at \$6 million.

This industry's receipts from engraving and plate printing represented 89 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of letterpress printing (\$5 million) and lithographic printing (\$4 million).

Receipts from engraving and plate printing by this industry represented 79 percent of all shipments of these products (\$118 million) by all industries. In 1958 the coverage ratio was 82 percent. Other industries reporting engraving and plate printing consisted mainly of industry 2794, Electrotyping and Stereotyping, \$5 million; and industry 2751, Printing, Except Lithographic, \$3 million.

2761—MANIFOLD BUSINESS FORMS MANUFACTURING

This industry comprises establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction. The principal types of manifold business forms are: continuous, unit-set, and salesbooks. For a detailed list of products of industry 2761, refer to table 6A, product codes 2761111 to 2761351.

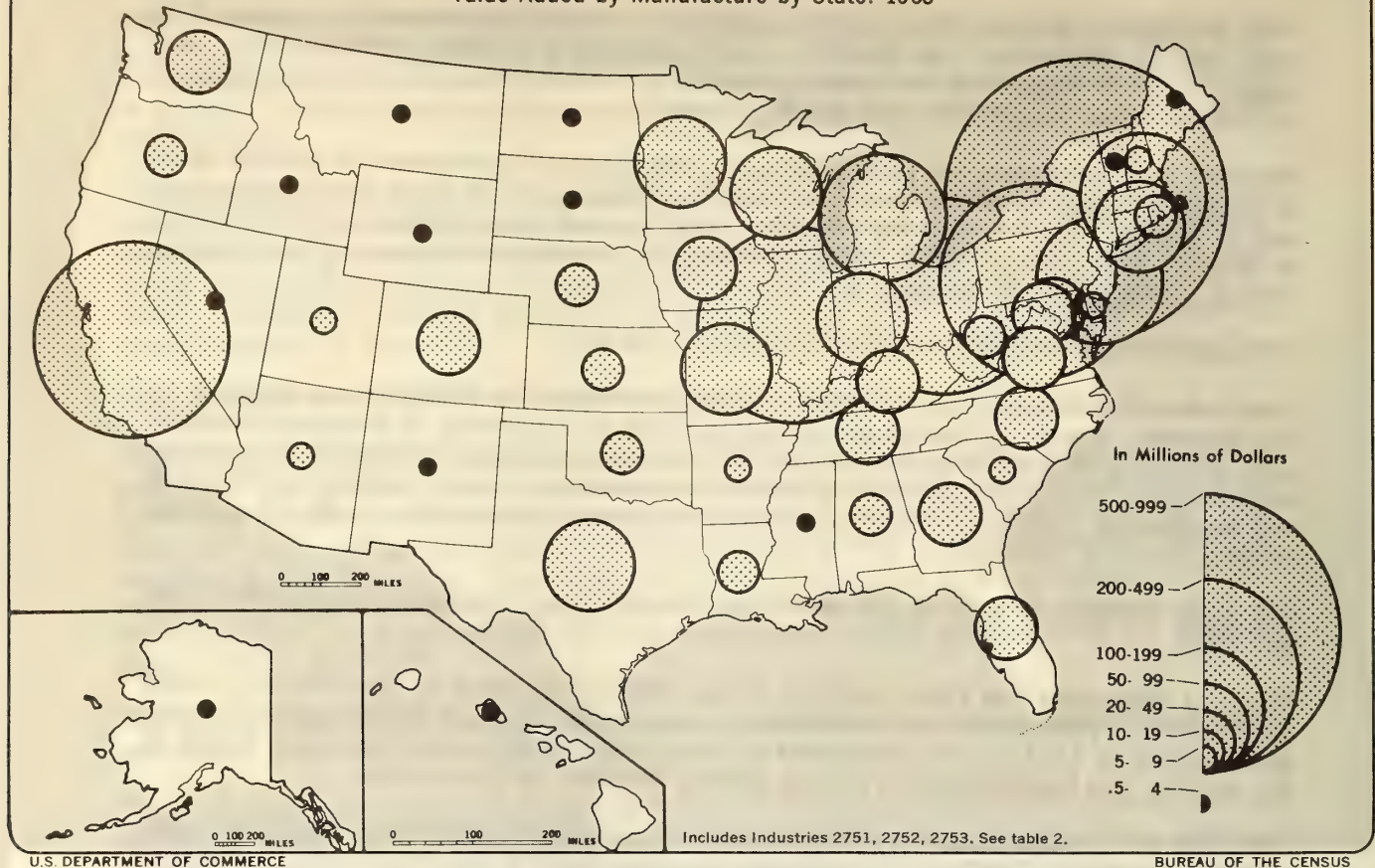
The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Manifold Business Forms Industry totaled \$638 million. This amount included shipments of manifold business forms (primary products) valued at \$545 million, shipments of other products (secondary products) valued at \$61 million, and miscellaneous receipts (mainly resales) at \$31 million.

This industry's shipments of manifold business forms represented 90 percent of its total product shipments. The industry specialization ratio in 1958 was 91 percent. Secondary products shipped by this industry in 1963 consisted mainly of letterpress printing (\$21 million), and lithographic printing (\$19 million).

Shipments of manifold business forms by this industry represented 91 percent of all shipments of these products (\$598 million) by all industries. In 1958 the coverage ratio was 90 percent. Other industries shipping manifold business forms consisted mainly of industry 2752, Printing, Lithographic, \$27 million; and industry 2751, Printing, Except Lithographic, \$14 million.

COMMERCIAL PRINTING: SIC 275 Value Added by Manufacture by State: 1963



MANIFOLD BUSINESS FORMS: SIC 276 Value Added by Manufacture by State: 1963

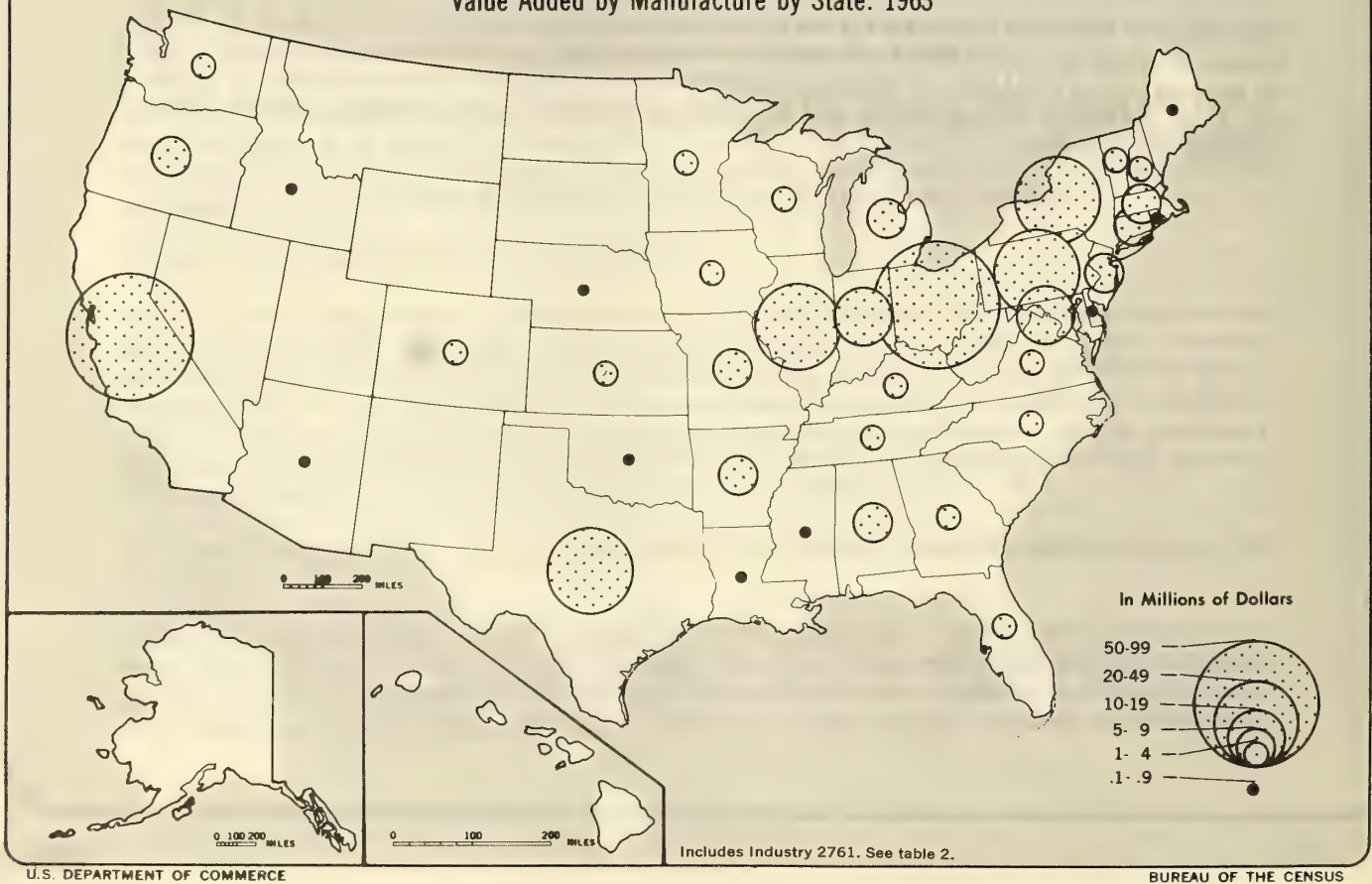


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2751.—PRINTING, EXCEPT LITHOGRAPHIC ¹														
1963.....	11,979	12,109	1,404	170,215	1,007,469	136,118	264,230	762,732	1,578,275	1,092,418	2,645,051	99,228	86	79
1957 ^{1 2}	(NA)	(NA)	(NA)	217,978	1,063,595	171,663	336,974	784,011	1,801,236	(NA)	2,803,729	(NA)	(NA)	(NA)
1956 ²	(NA)	(NA)	(NA)	212,278	1,010,805	167,729	330,708	746,279	1,688,310	1,031,051	2,618,166	73,534	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	205,328	932,423	161,745	316,878	687,731	1,551,910	912,578	2,359,097	74,987	(NA)	(NA)
1954.....	11,970	12,073	1,671	200,233	888,659	157,567	305,988	650,828	1,361,773	894,214	2,255,730	65,822	85	86
1953 ²	(NA)	(NA)	(NA)	201,697	889,721	161,989	317,637	665,229	1,392,364	785,938	2,178,302	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	204,033	860,901	161,467	356,747	640,363	1,331,366	725,068	2,056,434	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	203,019	800,717	160,433	353,705	585,440	1,239,463	707,527	1,946,990	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	195,993	717,831	157,313	358,874	539,647	1,091,190	607,171	1,698,361	(NA)	(NA)	(NA)
1949 ²	(NA)	(NA)	(NA)	202,138	702,248	158,419	362,192	512,702	1,054,790	558,082	1,612,872	(NA)	(NA)	(NA)
1947.....	11,810	11,920	1,766	191,719	594,125	154,520	322,609	449,830	970,291	542,845	1,513,136	60,677	86	86
1939 ³	(NA)	10,295	(NA)	(NA)	(NA)	112,389	(NA)	158,685	381,892	225,909	607,801	(NA)	(NA)	(NA)
INDUSTRY 2752.—PRINTING, LITHOGRAPHIC														
1963.....	6,738	6,822	1,339	121,072	794,353	91,358	187,293	554,933	1,302,046	852,266	2,149,651	76,877	80	82
1957 ^{1 2}	(NA)	(NA)	(NA)	83,445	449,690	63,758	126,518	306,393	753,456	(NA)	1,207,662	39,343	(NA)	(NA)
1956 ²	(NA)	(NA)	(NA)	81,362	418,599	62,446	123,984	288,772	689,013	460,516	1,138,882	40,393	(NA)	(NA)
1955 ²	(NA)	(NA)	(NA)	79,756	393,654	61,688	122,033	273,743	628,044	418,372	1,036,298	33,459	(NA)	(NA)
1954.....	2,879	2,924	768	77,717	376,571	60,178	117,968	261,249	588,528	409,089	997,699	34,854	82	79
1953 ²	(NA)	(NA)	(NA)	57,258	281,722	44,995	91,508	197,743	450,867	287,151	738,018	(NA)	(NA)	(NA)
1952 ²	(NA)	(NA)	(NA)	56,956	272,441	42,288	86,009	189,510	385,230	241,472	626,702	(NA)	(NA)	(NA)
1951 ²	(NA)	(NA)	(NA)	55,097	255,681	40,432	83,584	173,487	354,201	242,274	596,475	(NA)	(NA)	(NA)
1950 ²	(NA)	(NA)	(NA)	52,611	248,325	38,518	87,051	155,861	322,499	204,206	526,705	(NA)	(NA)	(NA)
1949 ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1947.....	1,380	1,415	490	52,408	192,657	41,367	84,961	127,151	314,132	174,437	488,569	17,387	77	77
1939 ³	(NA)	789	(NA)	(NA)	(NA)	26,948	(NA)	39,339	99,910	59,617	159,527	(NA)	(NA)	(NA)
1937.....	(NA)	516	(NA)	(NA)	(NA)	22,533	(NA)	33,952	78,513	50,731	129,244	(NA)	(NA)	(NA)
1935.....	(NA)	387	(NA)	21,785	35,252	17,688	(NA)	24,158	57,742	34,305	92,047	(NA)	(NA)	(NA)
1933.....	(NA)	346	(NA)	17,378	23,350	14,579	(NA)	18,123	42,192	25,996	68,188	(NA)	(NA)	(NA)
1931.....	(NA)	364	(NA)	(NA)	(NA)	16,215	(NA)	25,723	56,745	30,688	87,433	(NA)	(NA)	(NA)
INDUSTRY 2751 AND 2752.—COMMERCIAL PRINTING, EXCEPT ENGRAVING ⁴														
1963.....	(NA)	18,931	2,743	291,287	1,801,822	227,476	451,523	1,317,665	2,880,321	1,944,684	4,794,702	176,105	(NA)	(NA)
1962 ²	(NA)	(NA)	(NA)	295,955	1,777,539	231,989	449,366	1,293,689	2,790,101	2,001,417	4,779,628	176,652	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	296,795	1,704,569	231,172	445,513	1,241,870	2,645,283	1,915,736	4,546,764	171,436	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	293,708	1,661,362	230,143	451,474	1,214,276	2,581,530	1,823,590	4,402,154	144,947	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	284,743	1,571,725	227,135	438,410	1,150,916	2,441,538	1,741,599	4,185,511	154,506	(NA)	(NA)
1958.....	-	16,792	2,675	279,290	1,476,109	219,056	420,217	1,080,602	2,283,901	1,603,261	3,880,939	155,038	(NA)	(NA)
INDUSTRY 2753.—ENGRAVING AND PLATE PRINTING														
1963.....	574	580	105	9,022	50,703	7,126	13,812	38,164	80,748	31,078	111,138	3,836	89	79
1962 ²	(NA)	(NA)	(NA)	8,854	47,588	6,912	13,713	36,769	63,269	24,704	88,092	(1,588)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	9,455	48,726	7,487	14,243	37,354	68,552	26,054	93,440	(1,391)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	9,278	47,102	7,342	13,899	37,127	66,034	24,438	90,276	(S)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	9,085	46,303	7,160	14,380	36,575	62,318	24,995	87,339	(S)	(NA)	(NA)
1958.....	520	528	102	9,047	43,115	7,228	13,554	33,348	64,471	23,168	87,202	3,596	92	82
1954.....	565	567	69	7,510	29,412	6,080	11,963	21,739	43,663	17,630	61,294	1,702	93	79
1947.....	412	416	70	7,688	20,998	6,463	13,196	16,959	33,094	12,217	45,311	544	92	80
1939.....	(NA)	436	(NA)	6,865	10,429	5,353	(NA)	7,156	16,134	6,030	22,164	(NA)	(NA)	(NA)
1937.....	(NA)	418	(NA)	(NA)	(NA)	7,226	(NA)	9,312	19,487	7,138	26,625	(NA)	(NA)	(NA)
1935.....	(NA)	388	(NA)	6,648	9,365	5,300	(NA)	6,521	15,306	4,818	20,124	(NA)	(NA)	(NA)
1933.....	(NA)	343	(NA)	5,993	6,804	5,033	(NA)	5,265	12,586	3,637	16,223	(NA)	(NA)	(NA)
1931.....	(NA)	432	(NA)	(NA)	(NA)	6,995	(NA)	9,503	21,000	6,425	27,425	(NA)	(NA)	(NA)
1929.....	(NA)	483	(NA)	12,351	20,823	10,272	(NA)	14,813	35,954	11,947	47,901	(NA)	(NA)	(NA)
1927.....	(NA)	416	(NA)	10,424	16,605	8,681	(NA)	12,177	29,400	10,313	39,713	(NA)	(NA)	(NA)
1925.....	(NA)	390	(NA)	8,936	14,001	7,376	(NA)	10,402	24,956	7,675	32,631	(NA)	(NA)	(NA)
1923.....	(NA)	401	(NA)	9,444	14,346	7,670	(NA)	10,399	25,075	8,000	33,075	(NA)	(NA)	(NA)
1921.....	(NA)	391	(NA)	8,725	13,021	7,287	(NA)	9,831	21,659	7,748	29,407	(NA)	(NA)	(NA)
1919.....	(NA)	476	(NA)	8,734	11,347	7,249	(NA)	8,315	18,163	7,200	25,363	(NA)	(NA)	(NA)
1914.....	(NA)	471	(NA)	8,526	6,824	7,161	(NA)	4,837	10,495	4,011	14,506	(NA)	(NA)	(NA)
1909.....	(NA)	398	(NA)	6,540	4,881	5,644	(NA)	3,646	7,800	2,344	10,144	(NA)	(NA)	(NA)
1904.....	(NA)	329	(NA)	4,341	3,069	3,918	(NA)	2,473	4,977	1,614	6,591	(NA)	(NA)	(NA)
1899.....	(NA)	430	(NA)	3,974	2,579	3,639	(NA)	2,218	4,442	1,273	5,715	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2761.—MANIFOLD BUSINESS FORMS													
1963.....	439	502	250	28,796	173,238	21,259	43,296	116,680	377,710	259,263	637,673	23,084	90	91
1962 ²	(NA)	(NA)	(NA)	27,268	146,510	19,124	38,587	98,702	329,740	221,756	552,523	(22,315)	(NA)	(NA)
1961 ²	(NA)	(NA)	(NA)	26,254	136,468	18,470	36,318	91,382	298,970	199,299	497,848	(15,872)	(NA)	(NA)
1960 ²	(NA)	(NA)	(NA)	24,998	131,568	17,947	35,463	86,543	288,626	186,285	473,850	(18,278)	(NA)	(NA)
1959 ²	(NA)	(NA)	(NA)	24,747	128,096	17,952	35,536	84,939	273,271	178,152	450,820	(13,519)	(NA)	(NA)
1958 ³	685	(NA)	165	23,618	120,945	16,883	32,823	79,623	245,229	160,023	405,731	14,755	91	90

Note: See appendix A for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Data for Alaska and Hawaii are not included for 1957 and earlier years.

²These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

³The figures for 1939 are not entirely comparable with those of earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$96.7 million for "Lithographing" and \$72.2 million for the combined industries "Bookbinding," "Blankbook making and paper ruling," "Library and loose-leaf binders," and "Miscellaneous bookbinding work." No comparable figures are available for "Commercial printing" prior to 1939.

⁴The 1963 establishment count and other general statistics are not directly comparable with the previously published data for the years 1958 thru 1962 for industries 2751, Commercial Printing, Except Lithographic, and 2752, Commercial Printing, Lithographic. This noncomparability between 1963 and 1958 thru 1962 was caused by a misclassification between the two industries (2751 and 2752) in 1958 of a large number of small establishments (generally companies with less than 9 employees). This does not affect the comparability between 1963 and 1957 and earlier years or the detailed product statistics appearing in tables 6A and 6B.

⁵This industry was recognized for the first time in the 1957 Standard Industrial Classification, so that figures for 1957 and earlier years are not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2751.—PRINTING, EXCEPT LITHOGRAPHIC													
Total.....	12,109	1,404	170,215	1,007,469	136,118	264,230	762,732	1,578,275	1,092,418	2,645,051	99,228	(²)	(²)
New England.....	860	117	13,497	73,476	11,147	21,892	57,683	113,485	65,676	175,516	7,896	(²)	(²)
Maine.....	54	3	362	1,575	258	502	992	2,844	2,334	5,113	197	(²)	(²)
New Hampshire....	44	3	1,101	6,156	955	2,035	5,147	7,822	5,801	13,544	525	(²)	(²)
Vermont.....	41	5	274	1,213	230	444	970	1,720	1,017	2,690	95	(²)	(²)
Massachusetts....	468	70	5,983	30,442	4,872	9,260	22,999	48,511	27,249	75,076	2,691	(²)	(²)
Rhode Island.....	74	9	773	4,131	614	1,254	2,988	5,451	4,755	10,128	773	(²)	(²)
Connecticut.....	179	27	5,004	29,959	4,218	8,397	24,597	47,137	24,520	68,965	3,615	(²)	(²)
Middle Atlantic....	3,303	385	47,474	286,467	38,542	73,750	221,677	448,501	320,395	761,009	24,439	(²)	(²)
New York.....	2,020	234	23,952	148,319	19,203	36,934	112,126	243,630	156,636	396,258	12,084	(²)	(²)
New Jersey.....	493	53	7,575	47,326	6,323	12,057	37,887	68,931	46,740	116,055	4,596	(²)	(²)
Pennsylvania.....	790	98	15,947	90,822	13,016	24,759	71,664	135,940	117,019	248,696	7,759	(²)	(²)
East North Central.	2,602	339	51,755	336,494	41,061	81,570	252,147	512,956	352,096	859,655	34,406	(²)	(²)
Ohio.....	692	93	13,984	84,214	11,190	22,640	65,137	130,680	99,768	227,515	12,085	(²)	(²)
Indiana.....	291	36	3,913	20,225	3,145	6,242	15,489	36,044	20,270	56,010	2,188	(²)	(²)
Illinois.....	884	138	25,035	178,645	20,065	39,632	134,904	264,801	169,395	432,468	15,475	(²)	(²)
Michigan.....	480	42	4,103	23,516	3,272	6,299	17,170	39,753	23,657	62,768	2,160	(²)	(²)
Wisconsin.....	255	30	4,720	29,894	3,389	6,757	19,447	41,668	39,006	80,894	2,498	(²)	(²)
West North Central.	989	112	11,217	57,576	8,339	16,143	39,062	91,891	77,364	168,118	5,207	(²)	(²)
Minnesota.....	220	31	2,990	16,124	2,229	4,245	10,939	26,434	16,234	42,230	1,217	(²)	(²)
Iowa.....	173	18	1,929	9,549	1,319	2,588	5,298	14,571	11,526	25,998	986	(²)	(²)
Missouri.....	339	42	3,839	20,305	2,963	5,642	14,462	32,385	35,621	67,567	2,013	(²)	(²)
North Dakota.....	24	2	157	749	116	222	507	1,166	999	2,128	71	(²)	(²)
South Dakota.....	29	2	193	906	145	287	624	1,615	1,828	3,403	95	(²)	(²)
Nebraska.....	87	9	1,290	6,377	897	1,864	4,481	10,139	7,616	17,785	487	(²)	(²)
Kansas.....	117	8	819	3,566	670	1,295	2,751	5,581	3,540	9,007	338	(²)	(²)
South Atlantic.....	1,283	153	14,449	75,712	11,648	23,018	57,811	119,213	93,359	210,928	9,137	(²)	(²)
Delaware.....	20	3	208	1,242	185	360	1,098	1,515	1,525	3,022	35	(²)	(²)
Maryland.....	155	26	2,847	16,221	2,318	4,686	13,029	24,974	13,021	37,783	1,432	(²)	(²)
District of Columbia.....	70	9	1,803	12,013	1,515	2,986	9,439	17,804	12,603	30,389	586	(²)	(²)
Virginia.....	179	18	2,086	9,814	1,692	3,264	7,585	14,595	11,462	25,842	1,625	(²)	(²)
West Virginia....	68	2	364	1,755	279	542	1,259	2,626	1,554	4,118	188	(²)	(²)
North Carolina...	190	27	2,175	10,270	1,698	3,420	7,239	18,831	18,016	36,450	1,544	(²)	(²)
South Carolina...	85	7	599	2,470	469	926	1,818	3,825	2,580	6,331	1,010	(²)	(²)
Georgia.....	179	27	2,034	10,988	1,614	3,212	7,964	17,546	21,492	38,806	1,417	(²)	(²)
Florida.....	337	34	2,333	10,939	1,878	3,622	8,380	17,497	11,106	28,187	1,300	(²)	(²)
East South Central.	459	51	7,495	41,477	6,271	12,243	32,951	64,832	38,352	102,493	5,194	(²)	(²)
Kentucky.....	103	18	3,282	19,918	2,841	5,332	16,675	28,414	12,864	41,120	3,054	(²)	(²)
Tennessee.....	176	23	2,840	15,163	2,324	4,681	11,266	25,933	17,785	43,427	1,206	(²)	(²)
Alabama.....	117	6	885	4,532	742	1,526	3,675	7,095	5,081	12,000	676	(²)	(²)
Mississippi.....	63	4	488	1,864	364	704	1,335	3,390	2,622	5,946	258	(²)	(²)
West South Central.	851	82	7,400	35,895	5,686	11,241	25,940	60,577	40,554	99,445	3,316	(²)	(²)
Arkansas.....	63	9	766	3,846	537	1,072	2,487	6,045	3,738	9,668	212	(²)	(²)
Louisiana.....	125	16	1,063	5,092	812	1,588	3,785	7,887	4,596	12,356	522	(²)	(²)
Oklahoma.....	135	7	641	2,780	514	1,010	2,062	4,800	3,569	8,243	380	(²)	(²)
Texas.....	528	50	4,930	24,177	3,823	7,571	17,606	41,845	28,651	69,178	2,202	(²)	(²)
Mountain.....	318	24	2,289	12,276	1,740	3,453	9,143	20,777	11,626	31,865	1,237	(²)	(²)
Montana.....	15	2	146	737	111	210	543	1,127	806	1,913	75	(²)	(²)
Idaho.....	18	1	161	675	113	211	503	1,015	642	1,652	60	(²)	(²)
Colorado.....	115	9	746	4,124	563	1,102	3,008	6,367	4,266	10,523	511	(²)	(²)
New Mexico.....	39	1	188	886	142	279	630	1,444	940	2,353	74	(²)	(²)
Arizona.....	66	4	484	2,703	387	795	2,116	4,554	2,181	6,395	214	(²)	(²)
Utah.....	45	3	374	2,215	290	600	1,663	4,969	1,695	6,657	242	(²)	(²)
Pacific.....	1,444	141	14,639	88,096	11,684	20,920	66,308	146,043	92,996	236,022	8,396	(²)	(²)
Washington.....	137	11	1,092	5,882	785	1,426	4,078	10,324	6,549	16,522	668	(²)	(²)
Oregon.....	107	4	452	2,529	355	692	1,831	4,316	2,559	6,733	485	(²)	(²)
California.....	1,174	125	12,961	79,123	10,431	18,586	59,920	130,450	83,318	211,274	7,177	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
Subindustry 2751-15.—Printing, Except Lithographic—GRAVURE PRINTING													
Total.....	171	79	15,193	109,180	12,663	24,333	88,698	164,742	122,622	287,105	10,187	(²)	(²)
New England.....	14	6	591	3,937	510	839	2,877	4,841	3,285	8,152	689	(²)	(²)
Middle Atlantic....	44	20	5,350	37,833	4,588	8,401	32,595	49,415	34,664	84,207	3,295	(²)	(²)
New York.....	27	9	601	4,097	515	1,001	3,265	6,852	5,817	12,667	585	(²)	(²)
New Jersey.....	9	5	2,559	19,624	2,243	4,325	17,156	23,550	8,565	31,987	1,970	(²)	(²)
Pennsylvania.....	8	6	2,190	14,112	1,830	3,075	12,174	19,013	20,282	39,553	740	(²)	(²)
East North Central.	50	30	6,547	49,696	5,148	10,390	37,928	75,786	65,139	140,927	4,716	(²)	(²)
Ohio.....	21	11	1,386	8,820	1,064	2,120	6,525	17,429	12,004	29,326	279	(²)	(²)
Illinois.....	18	11	2,585	21,910	2,303	4,432	19,419	32,652	18,967	51,540	1,459	(²)	(²)
West North Central.	10	2	122	619	97	188	394	778	1,246	2,005	135	(²)	(²)
South Atlantic.....	17	8	539	3,198	469	971	2,660	8,686	8,332	16,926	277	(²)	(²)
East South Central.	7	3	849	7,191	769	1,492	6,318	12,678	4,701	17,285	446	(²)	(²)
West South Central.	13	3	231	1,145	210	435	954	2,034	1,324	3,340	187	(²)	(²)
West.....	16	7	964	5,561	872	1,617	4,972	10,524	3,931	14,263	442	(²)	(²)
Subindustry 2751-17.—Printing, Except Lithographic—LETTERPRESS AND SCREEN PRINTING													
Total.....	11,938	1,325	155,022	898,289	123,455	239,897	674,034	1,413,533	969,796	2,357,946	89,041	(²)	(²)
New England.....	846	111	12,906	69,539	10,637	21,053	54,816	108,644	62,391	167,364	7,207	(²)	(²)
Maine.....	54	3	362	1,575	258	502	992	2,844	2,334	5,113	197	(²)	(²)
New Hampshire....	44	3	1,101	6,156	955	2,035	5,147	7,822	5,801	13,544	525	(²)	(²)
Vermont.....	41	5	274	1,213	230	444	970	1,720	1,017	2,690	95	(²)	(²)
Middle Atlantic....	3,259	365	42,125	248,634	33,954	65,349	189,082	399,086	285,731	676,802	21,144	(²)	(²)
New York.....	1,993	225	23,351	144,222	18,688	35,933	108,861	236,778	150,819	383,591	11,499	(²)	(²)
New Jersey.....	484	48	5,016	27,702	4,080	7,732	20,731	45,381	38,175	84,068	2,626	(²)	(²)
Pennsylvania.....	782	92	13,757	76,710	11,186	21,684	59,490	116,927	96,737	209,143	7,019	(²)	(²)
East North Central.	2,552	309	45,208	286,798	35,913	71,180	214,219	437,170	286,957	718,728	29,690	(²)	(²)
Ohio.....	671	82	12,598	75,394	10,126	20,520	58,612	113,261	87,764	198,189	11,806	(²)	(²)
Illinois.....	866	127	22,450	156,735	17,762	35,200	115,485	232,149	150,428	380,928	14,016	(²)	(²)
West North Central.	979	110	11,095	56,957	8,242	15,955	38,668	91,113	76,118	166,113	5,072	(²)	(²)
South Dakota.....	29	2	193	906	145	287	624	1,615	1,828	3,403	95	(²)	(²)
South Atlantic.....	1,266	145	13,910	72,514	11,179	22,047	55,151	110,527	85,027	194,002	8,860	(²)	(²)
Delaware.....	20	3	208	1,242	185	360	1,098	1,515	1,525	3,022	35	(²)	(²)
District of Columbia.....	70	9	1,803	12,013	1,515	2,986	9,439	17,804	12,603	30,389	586	(²)	(²)
East South Central.	452	48	6,646	34,286	5,502	10,751	26,633	52,154	33,651	85,208	4,748	(²)	(²)
West South Central.	838	79	7,169	34,750	5,476	10,806	24,986	58,543	39,230	96,105	3,129	(²)	(²)
West.....	1,746	158	15,964	94,811	12,552	22,756	70,479	156,296	100,691	253,624	9,191	(²)	(²)
Montana.....	15	2	146	737	111	210	543	1,127	806	1,913	75	(²)	(²)
Idaho.....	18	1	161	675	113	211	503	1,015	642	1,652	60	(²)	(²)
Colorado.....	115	9	746	4,124	563	1,102	3,008	6,367	4,266	10,523	511	(²)	(²)
New Mexico.....	39	1	188	886	142	279	630	1,444	940	2,353	74	(²)	(²)
Utah.....	45	3	374	2,215	290	600	1,663	4,969	1,695	6,657	242	(²)	(²)
Nevada.....	11	2	103	547	79	152	404	815	523	1,317	43	(²)	(²)
Washington.....	137	11	1,092	5,882	785	1,426	4,078	10,324	6,549	16,522	668	(²)	(²)
INDUSTRY 2752.—PRINTING, LITHOGRAPHIC													
Total.....	6,823	1,339	121,072	794,353	91,358	187,293	554,933	1,302,046	852,266	2,149,651	76,877	(²)	(²)
New England.....	416	98	8,370	50,057	6,542	13,729	36,953	79,343	47,876	127,882	6,132	(²)	(²)
Maine.....	19	4	168	633	138	273	499	1,201	556	1,755	93	(²)	(²)
Massachusetts....	203	52	5,323	31,992	4,079	8,549	23,538	48,030	30,617	79,560	2,823	(²)	(²)
Connecticut.....	123	34	2,128	12,924	1,712	3,617	9,384	21,443	12,294	33,578	2,160	(²)	(²)
Middle Atlantic....	1,727	355	31,755	220,678	24,511	50,330	157,970	361,207	228,444	588,679	19,999	(²)	(²)
New York.....	1,116	225	20,374	145,611	15,692	31,891	103,959	236,757	153,395	390,186	13,022	(²)	(²)
New Jersey.....	249	45	3,823	24,022	2,950	6,151	17,772	44,969	26,672	71,399	2,688	(²)	(²)
Pennsylvania.....	362	85	7,558	51,045	5,869	12,288	36,239	79,481	48,377	127,094	4,289	(²)	(²)
East North Central.	1,608	372	35,868	244,844	27,296	55,412	169,325	404,639	264,403	667,794	25,474	(²)	(²)
Ohio.....	407	96	9,345	61,423	7,025	13,982	41,155	103,667	56,368	159,688	7,010	(²)	(²)
Indiana.....	146	22	1,992	12,559	1,455	3,008	8,376	19,200	14,386	33,457	970	(²)	(²)
Illinois.....	571	150	14,433	102,920	11,158	22,762	72,743	166,396	113,197	279,324	10,806	(²)	(²)
Michigan.....	305	58	5,732	39,958	4,232	8,888	27,165	70,571	49,560	120,163	4,297	(²)	(²)
Wisconsin.....	179	46	4,366	27,984	3,426	6,772	19,886	44,805	30,892	75,162	2,391	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2752.—PRINTING, LITHOGRAPHIC—Continued													
West North Central.	529	128	13,568	85,262	9,149	18,479	53,954	126,142	77,092	202,659	6,891	(2)	(2)
Minnesota.....	140	43	7,212	45,071	4,360	8,505	26,158	62,415	34,410	96,248	2,866	(2)	(2)
Missouri.....	189	51	3,667	25,021	2,805	5,805	17,553	39,349	25,051	64,370	2,349	(2)	(2)
North Dakota.....	14	2	114	536	86	177	380	767	455	1,220	53	(2)	(2)
South Atlantic.....	683	109	9,191	53,183	7,077	14,825	37,507	98,818	82,844	181,269	5,255	(2)	(2)
Delaware.....	17	5	396	2,383	300	604	1,622	3,985	2,045	6,013	238	(2)	(2)
Maryland.....	108	26	2,364	14,578	1,860	3,851	10,288	22,963	18,619	41,331	997	(2)	(2)
District of Columbia.....	62	13	896	6,301	644	1,361	4,266	8,360	6,937	15,256	359	(2)	(2)
North Carolina.....	88	6	605	2,645	468	1,040	1,878	6,677	3,600	10,275	436	(2)	(2)
Florida.....	191	24	1,646	9,595	1,310	2,878	7,271	18,119	29,002	47,197	1,352	(2)	(2)
East South Central.	185	40	3,575	19,321	2,662	5,724	14,219	30,606	24,210	53,850	1,497	(2)	(2)
Kentucky.....	49	11	815	4,705	569	1,161	2,956	6,893	4,754	11,609	238	(2)	(2)
Tennessee.....	88	19	2,149	11,260	1,622	3,578	8,783	18,389	14,408	31,672	907	(2)	(2)
West South Central.	467	66	5,208	28,050	3,841	8,080	18,756	46,906	31,105	77,884	3,026	(2)	(2)
Arkansas.....	29	3	246	1,188	195	408	862	1,976	1,597	3,578	100	(2)	(2)
Texas.....	326	47	3,502	18,814	2,631	5,460	12,788	31,261	21,238	52,483	2,200	(2)	(2)
Mountain.....	219	32	2,546	15,218	1,932	4,084	11,011	24,562	15,252	39,550	1,444	(2)	(2)
Montana.....	11	2	137	686	84	193	508	1,047	353	1,403	71	(2)	(2)
New Mexico.....	20	3	161	835	115	239	598	1,362	931	2,281	79	(2)	(2)
Pacific.....	989	139	10,991	77,740	8,348	16,630	55,238	129,823	81,040	210,084	7,159	(2)	(2)
California.....	794	106	8,667	62,603	6,649	13,361	44,730	107,034	67,885	174,214	6,071	(2)	(2)
Hawaii.....	21	10	489	2,909	328	626	1,791	3,915	2,654	6,534	259	(2)	(2)
INDUSTRY 2751 AND 2752.—COMMERCIAL PRINTING, EXCEPT ENGRAVING													
Total.....	18,932	2,743	291,287	1,801,822	227,476	451,523	1,317,665	2,880,321	1,944,684	4,794,702	176,105	279,290	2,283,901
New England.....	1,276	215	21,867	123,533	17,689	35,621	94,646	192,828	113,552	303,398	14,028	19,400	141,280
Maine.....	73	7	530	2,208	396	775	1,491	4,045	2,890	6,868	290	(3)	(3)
Vermont.....	57	6	356	1,565	300	595	1,272	2,417	1,314	3,678	151	(3)	(3)
Massachusetts....	671	122	11,306	62,454	8,951	17,809	46,537	96,541	57,866	154,636	5,514	10,383	76,219
Connecticut.....	302	61	7,132	42,883	5,930	12,014	33,981	68,580	36,814	102,543	5,775	5,975	44,356
Middle Atlantic....	5,030	740	79,229	507,145	63,053	124,080	379,647	809,708	548,839	1,349,688	44,438	81,634	688,453
New York.....	3,136	459	44,326	293,930	34,895	68,825	216,085	480,387	310,031	786,444	25,106	45,349	405,926
New Jersey.....	742	98	11,398	71,348	9,273	18,208	55,659	113,900	73,412	187,454	7,284	12,539	107,195
Pennsylvania.....	1,152	183	23,505	141,867	18,885	37,047	107,903	215,421	165,396	375,790	12,048	23,746	175,332
East North Central.	4,210	711	87,623	581,338	68,357	136,982	421,472	917,595	616,499	1,527,449	59,880	84,293	721,773
Ohio.....	1,099	189	23,329	145,637	18,215	36,622	106,292	234,357	156,136	387,203	19,095	22,337	187,241
Indiana.....	437	58	5,905	32,784	4,600	9,250	23,865	55,244	34,656	89,467	3,158	4,942	36,369
Illinois.....	1,455	288	39,468	281,565	31,223	62,394	207,647	431,197	282,592	711,792	26,281	38,731	340,407
Michigan.....	785	100	9,835	63,474	7,504	15,187	44,335	110,324	73,217	182,931	6,457	9,679	89,032
Wisconsin.....	434	76	9,086	57,878	6,815	13,529	39,333	86,473	69,898	156,056	4,889	8,604	68,724
West North Central.	1,518	240	24,785	142,838	17,488	34,622	93,016	218,033	154,456	370,777	12,098	23,538	179,481
Minnesota.....	360	74	10,202	61,195	6,589	12,750	37,097	88,849	50,644	138,478	4,083	9,774	75,942
North Dakota.....	38	4	271	1,285	202	399	887	1,933	1,454	3,348	124	(3)	(3)
South Dakota.....	38	2	265	1,328	193	388	883	2,239	2,157	4,356	129	(3)	(3)
South Atlantic.....	1,966	262	23,640	128,895	18,725	37,843	95,318	218,031	176,203	392,197	14,392	21,545	156,991
Delaware.....	37	8	604	3,625	485	964	2,720	5,500	3,570	9,035	273	(3)	(3)
Maryland.....	263	52	5,211	30,798	4,178	8,537	23,317	47,937	31,640	79,114	2,429	3,915	30,640
District of Columbia.....	132	22	2,699	18,314	2,159	4,347	13,705	26,164	19,540	45,645	945	3,258	27,506
North Carolina...	278	33	2,780	12,915	2,166	4,460	9,117	25,508	21,616	46,725	1,980	2,794	19,579
Florida.....	528	58	3,979	20,534	3,188	6,500	15,651	35,616	40,108	75,384	2,652	2,966	21,268
East South Central.	644	91	11,070	60,798	8,933	17,967	47,170	95,438	62,562	156,343	6,691	9,696	68,748
Kentucky.....	152	29	4,097	24,623	3,410	6,493	19,631	35,307	17,618	52,729	3,292	3,806	29,619
Tennessee.....	264	42	4,989	26,423	3,946	8,259	20,049	44,322	32,193	75,099	2,113	4,080	26,510
West South Central.	1,318	148	12,608	63,945	9,527	19,321	44,696	107,483	71,659	177,329	6,342	11,033	78,955
Arkansas.....	92	12	1,012	5,034	732	1,480	3,349	8,021	5,335	13,246	312	(3)	(3)
Texas.....	854	97	8,432	42,991	6,454	13,031	30,394	73,106	49,889	121,661	4,402	7,222	52,779
Mountain.....	537	56	4,835	27,494	3,672	7,537	20,154	45,339	26,878	71,415	2,681	4,474	35,025
Montana.....	26	4	283	1,423	195	403	1,051	2,174	1,159	3,316	146	(3)	(3)
New Mexico.....	59	4	349	1,721	257	518	1,228	2,806	1,871	4,634	153	(NA)	(NA)
Nevada.....	20	5	195	1,363	159	322	1,136	2,466	1,488	3,954	146	(3)	(3)
Pacific.....	2,433	280	25,630	165,836	20,032	37,550	121,546	275,866	174,036	446,106	15,555	23,677	213,195
California.....	1,968	231	21,628	141,726	17,080	31,947	104,650	237,484	151,203	385,488	13,248	20,001	182,974

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2753.—ENGRAVING AND PLATE PRINTING													
Total.....	580	105	9,022	50,703	7,126	13,812	38,164	80,748	31,078	111,138	3,836	9,047	64,471
New England.....	57	10	946	4,632	697	1,405	3,346	6,878	2,684	9,427	1,083	931	5,772
Massachusetts.....	32	6	613	2,856	417	841	1,953	4,255	1,751	5,868	1,038	449	2,926
Connecticut.....	14	2	217	1,170	174	362	861	1,712	804	2,518	39	(³)	(³)
Middle Atlantic....	186	27	3,390	20,942	2,738	5,064	16,612	32,695	10,888	43,279	987	4,453	33,786
New York.....	121	15	2,565	16,279	2,063	3,815	12,923	24,842	8,020	32,506	797	3,025	24,404
New Jersey.....	36	7	374	2,352	313	610	1,906	3,075	1,187	4,261	101	529	3,873
Pennsylvania.....	29	5	451	2,311	362	639	1,783	4,778	1,681	6,512	89	899	5,509
East North Central.	125	18	1,354	7,614	1,020	1,985	5,481	12,235	5,077	17,322	530	1,260	9,396
Ohio.....	26	6	285	1,472	198	402	1,013	2,133	1,158	3,277	71	229	1,673
Illinois.....	57	11	780	4,444	586	1,123	3,069	7,178	2,661	9,863	279	727	5,147
Michigan.....	18	1	159	1,066	128	257	869	1,871	736	2,609	127	(³)	(³)
West North Central.	26	7	396	1,910	336	684	1,462	2,909	1,322	4,207	132	364	2,415
Minnesota.....	10	4	220	1,040	186	376	814	1,597	782	2,356	80	(³)	(³)
Missouri.....	12	3	163	809	139	286	598	1,208	485	1,692	46	(³)	(³)
South Atlantic.....	60	16	932	4,735	751	1,470	3,474	7,500	2,921	10,405	300	776	4,919
North Carolina....	9	2	238	1,144	210	420	897	1,718	505	2,221	60	-	-
Florida.....	14	3	132	582	108	221	470	805	364	1,170	40	(³)	(³)
East South Central.	21	10	612	2,525	509	1,025	1,972	5,064	2,368	7,411	149	391	2,176
Kentucky.....	13	6	252	1,254	198	403	910	1,743	842	2,590	63	202	1,009
West South Central.	34	4	490	2,234	346	701	1,440	3,442	1,583	5,050	139	283	1,954
Texas.....	28	4	463	2,132	237	663	1,361	3,266	1,442	4,735	126	239	1,556
Mountain.....	10	2	125	578	110	196	481	1,136	410	1,535	24	175	1,182
Pacific.....	61	11	777	5,533	619	1,282	3,896	8,889	3,825	12,502	492	414	2,871
California.....	55	9	720	5,306	568	1,178	3,692	8,554	3,638	11,982	489	291	2,242
INDUSTRY 2761.—MANIFOLD BUSINESS FORMS													
Total.....	502	250	28,796	173,238	21,259	43,296	116,680	377,710	259,263	637,673	23,084	23,618	245,229
New England.....	27	15	1,655	10,003	1,127	2,420	6,275	20,275	13,860	33,950	1,450	1,635	14,146
Massachusetts.....	13	5	777	4,456	461	973	2,485	6,558	4,564	11,063	351	956	6,857
Connecticut.....	8	5	528	3,535	411	879	2,553	8,493	5,418	13,785	458	(³)	(³)
Middle Atlantic....	131	56	5,935	36,060	4,386	8,748	24,510	71,941	55,736	127,430	3,370	5,374	57,335
New York.....	80	29	3,372	20,434	2,488	4,905	14,239	41,658	31,007	72,707	1,841	3,257	38,517
New Jersey.....	21	10	1,104	7,055	725	1,395	4,126	9,074	8,017	16,892	469	924	7,103
Pennsylvania.....	30	17	1,459	8,571	1,173	2,448	6,145	21,209	16,712	37,831	1,060	1,193	11,715
East North Central.	98	58	9,110	58,454	6,750	14,142	39,496	127,908	86,093	214,925	7,579	7,731	80,534
Ohio.....	28	18	4,046	26,091	2,973	6,237	18,842	59,850	35,062	95,139	2,442	4,329	44,805
Indiana.....	7	4	618	3,957	417	875	2,307	12,050	7,896	19,650	513	409	3,410
Illinois.....	42	24	3,331	22,452	2,497	5,291	14,361	45,429	34,098	80,655	3,335	2,196	26,107
Michigan.....	14	8	784	4,428	577	1,152	2,959	7,078	5,767	12,729	984	600	4,599
Wisconsin.....	7	4	331	1,526	286	587	1,027	3,501	3,270	6,752	305	197	1,613
West North Central.	41	23	1,838	10,110	1,383	2,772	6,525	19,900	14,262	34,168	1,783	1,577	12,786
Minnesota.....	11	4	257	1,611	175	303	832	2,070	1,898	2,966	151	141	1,004
Iowa.....	4	4	264	1,406	203	423	955	4,971	2,999	7,928	(D)	(³)	(³)
Missouri.....	17	10	846	4,826	642	1,297	3,174	8,488	5,973	14,487	(D)	878	6,150
Kansas.....	5	5	429	2,061	327	673	1,401	4,002	3,094	7,123	784	333	2,451
South Atlantic.....	57	27	2,599	14,883	1,929	4,031	9,276	31,099	23,504	54,505	1,955	1,920	21,837
North Carolina....	11	5	451	2,149	332	658	1,297	3,602	3,544	7,138	278	160	1,586
Georgia.....	9	5	302	1,628	256	532	1,145	3,026	1,706	4,588	105	155	1,770
Florida.....	13	7	374	2,104	266	532	1,157	3,445	2,859	6,206	402	218	1,565
East South Central.	17	10	761	3,482	629	1,303	2,508	11,177	6,946	17,935	640	640	4,862
Tennessee.....	7	3	238	1,093	193	388	747	2,421	2,121	4,314	208	348	1,928
Alabama.....	5	4	258	1,276	208	448	921	5,412	2,740	8,158	(D)	(³)	(³)
West South Central.	46	17	2,507	12,701	1,960	4,099	8,923	29,561	20,489	50,020	2,379	1,198	12,026
Texas.....	31	12	1,994	10,213	1,558	3,257	7,138	23,473	16,695	40,155	1,944	973	10,188
Mountain.....	9	3	182	1,232	131	255	758	1,912	1,396	3,339	195	190	1,257
Pacific.....	76	41	4,209	26,313	2,964	5,526	18,409	63,937	36,977	101,401	3,733	3,333	40,446
Washington.....	8	3	162	865	122	229	565	1,914	1,243	3,142	(D)	183	1,489
Oregon.....	7	4	271	1,386	211	356	970	6,020	2,493	8,517	(D)	165	3,118
California.....	61	34	3,776	24,062	2,631	4,941	16,874	56,003	33,241	89,742	3,046	2,985	35,839

Footnotes on next page.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Footnotes for Table 2-27B

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2751, Printing, Except Lithographic: Mountain—Wyoming, 9 (20-99); Pacific—Alaska, 7 (20-99); Hawaii, 19 (20-99).
 SIC 2751-15, Gravure Printing: New England—Massachusetts, 11 (250-499); Rhode Island, 2 (100-249); Connecticut, 1 (20-99); East North Central—Indiana, 4 (500-999); Michigan, 3 (100-249); Wisconsin, 4 (1,000-2,499); West North Central—Minnesota, 1 (1-19); Iowa, 2 (1-19); Missouri, 4 (20-99); North Dakota, 1 (1-19); Nebraska, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Maryland, 4 (100-249); Virginia, 2 (20-99); West Virginia, 1 (1-19); North Carolina, 3 (100-249); South Carolina, 1 (1-19); Georgia, 3 (20-99); Florida, 3 (1-19); East South Central—Kentucky, 2 (500-999); Tennessee, 2 (100-249); Alabama, 2 (1-19); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (1-19); Louisiana, 2 (1-19); Oklahoma, 1 (20-99); Texas, 9 (100-249); Mountain—Arizona, 1 (1-19); Pacific—Oregon, 1 (1-19); California, 14 (500-999).
 SIC 2751-17, Letterpress and Screen Printing: New England—Massachusetts, 457 (5,000-9,999); Rhode Island, 72 (500-999); Connecticut, 178 (2,500-4,999); East North Central—Indiana, 287 (2,500-4,999); Michigan, 477 (2,500-4,999); Wisconsin, 251 (1,000-2,499); West North Central—Minnesota, 219 (2,500-4,999); Iowa, 171 (1,000-2,499); Missouri, 335 (2,500-4,999); North Dakota, 23 (100-249); Nebraska, 86 (1,000-2,499); Kansas, 116 (500-999); South Atlantic—Maryland, 151 (2,500-4,999); Virginia, 177 (1,000-2,499); West Virginia, 67 (250-499); North Carolina, 187 (1,000-2,499); South Carolina, 84 (500-999); Georgia, 176 (1,000-2,499); Florida, 334 (1,000-2,499); East South Central—Kentucky, 101 (2,500-4,999); Tennessee, 174 (2,500-4,999); Alabama, 115 (500-999); Mississippi, 62 (250-499); West South Central—Arkansas, 62 (500-999); Louisiana, 123 (1,000-2,499); Oklahoma, 134 (500-999); Texas, 519 (2,500-4,999); Mountain—Wyoming, 9 (20-99); Arizona, 65 (250-499); Pacific—Oregon, 106 (250-499); California, 1,160 (10,000 and over); Alaska, 7 (20-99); Hawaii, 19 (20-99).
 SIC 2752, Printing, Lithographic: New England—New Hampshire, 16 (100-249); Vermont, 16 (20-99); Rhode Island, 39 (500-999); West North Central—Iowa, 71 (500-999); South Dakota, 9 (20-99); Nebraska, 46 (1,000-2,499); Kansas, 60 (500-999); South Atlantic—Virginia, 79 (1,381); West Virginia, 23 (250-499); South Carolina, 22 (203); Georgia, 93 (1,000-2,499); East South Central—Alabama, 30 (250-499); Mississippi, 18 (100-249); West South Central—Louisiana, 55 (500-999); Oklahoma, 57 (500-999); Mountain—Idaho, 9 (20-99); Wyoming, 6 (20-99); Colorado, 79 (1,304); Arizona, 57 (250-499); Utah, 28 (250-499); Nevada, 9 (20-99); Pacific—Washington, 102 (1,000-2,499); Oregon, 69 (500-999); Alaska, 3 (1-19).
 SIC 2751 and 2752, Commercial Printing by Geographic Areas: New England—New Hampshire, 60 (1,000-2,499); Rhode Island, 113 (1,000-2,499); West North Central—Iowa, 244 (2,500-4,999); Nebraska, 133 (1,000-2,499); Kansas, 177 (1,000-2,499); South Atlantic—Virginia, 258 (2,500-4,999); West Virginia, 91 (500-999); South Carolina, 107 (500-999); Georgia, 272 (2,500-4,999); East South Central—Alabama, 147 (1,000-2,499); Mississippi, 81 (500-999); West South Central—Louisiana, 180 (1,000-2,499); Oklahoma, 192 (1,000-2,499); Mountain—Idaho, 27 (100-249); Wyoming, 15 (100-249); Colorado, 194 (1,000-2,499); Arizona, 123 (500-999); Utah, 73 (500-999); Pacific—Washington, 239 (1,000-2,499); Oregon, 176 (1,000-2,499).
 SIC 2753, Engraving and Plate Printing: New England—New Hampshire, 1 (1-19); Rhode Island, 10 (100-249); East North Central—Indiana, 8 (20-99); Wisconsin, 16 (20-99); West North Central—Iowa, 1 (1-19); North Dakota, 2 (1-19); South Dakota, 1 (1-19); South Atlantic—Maryland, 10 (20-99); District of Columbia, 6 (20-99); Virginia, 5 (20-99); West Virginia, 2 (20-99); South Carolina, 9 (226); Georgia, 5 (20-99); East South Central—Tennessee, 4 (128); Alabama, 3 (100-249); Mississippi, 1 (1-19); West South Central—Louisiana, 4 (1-19); Oklahoma, 2 (1-19); Mountain—Wyoming, 1 (1-19); Colorado, 6 (100-249); Arizona, 2 (1-19); Utah, 1 (1-19); Pacific—Washington, 2 (1-19); Oregon, 4 (20-99).
 SIC 2761, Manifold Business Forms: New England—Maine, 2 (20-99); New Hampshire, 2 (100-249); Vermont, 1 (20-99); Rhode Island, 1 (20-99); West North Central—Nebraska, 4 (20-99); South Atlantic—Delaware, 1 (20-99); Maryland, 12 (500-999); District of Columbia, 2 (1-19); Virginia, 8 (250-499); North Carolina, 11 (499); South Carolina, 1 (1-19); East South Central—Kentucky, 4 (100-249); Mississippi, 1 (20-99); West South Central—Arkansas, 4 (250-499); Louisiana, 6 (20-99); Oklahoma, 5 (20-99); Mountain—Idaho, 2 (1-19); Colorado, 3 (20-99); Arizona, 4 (20-99).

²See table 1, footnote 4.

³This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Printing, except lithographic (SIC 2751)			Printing, lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)
	Total	Gravure printing (SIC 2751-15)	Letterpress and screen printing (SIC 2751-17)			
Primary product specialization ratio ¹.....	.86	.87	.85	.80	.89	.90
Coverage ratio ².....	.79	-	-	.82	.79	.90
Establishments, total.....number..	12,109	171	11,938	6,822	580	502
With 1 to 19 employees.....do....	10,705	92	10,613	5,483	475	252
With 20 to 99 employees.....do....	1,174	45	1,129	1,125	92	176
With 100 employees or more.....do....	230	34	196	214	13	74
Proprietors and working partners.....do....	9,043	(NA)	(NA)	3,978	344	172
All employees (average for the year).....do....	170,215	15,193	155,022	121,072	9,022	28,796
Payroll (all employees), total for year.....\$1,000..	1,007,469	109,180	898,289	794,353	50,703	173,238
Production workers:						
Average for the year.....number..	136,118	12,663	123,455	91,358	7,126	21,259
March.....do....	135,050	12,337	122,713	91,273	7,088	21,132
May.....do....	135,122	12,691	122,431	90,784	7,024	20,911
August.....do....	135,241	12,546	122,695	90,862	7,179	21,257
November.....do....	139,398	13,064	126,334	92,665	7,238	21,711
Man-hours.....1,000..	264,230	24,333	239,897	187,293	13,812	43,296
January-March.....do....	64,836	5,769	59,067	45,019	3,370	10,819
April-June.....do....	65,160	6,102	59,058	47,413	3,388	10,751
July-September.....do....	65,735	6,147	59,588	46,616	3,483	10,622
October-December.....do....	68,499	6,315	62,184	48,245	3,571	11,104
Wages.....\$1,000..	762,732	88,698	674,031	554,933	38,164	116,680
Cost of materials, etc., total.....do....	1,092,418	122,622	969,796	852,266	31,078	259,263
Materials, parts, containers, and supplies consumed.....do....	912,358	112,663	799,695	673,715	25,420	232,889
Cost of resales.....do....	53,340	2,613	50,727	29,485	1,973	16,756
Fuels consumed.....do....	7,622	1,284	6,338	3,693	392	794
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	1,030	154	886	604	37	148
Cost.....\$1,000..	15,282	2,018	13,264	11,291	789	2,395
Generated less sold.....million kw.-hrs..	1	-	1	6	-	(D)
Contract work.....\$1,000..	103,816	4,044	99,772	134,083	2,504	6,429
Value of shipments (including resales), total.....do....	2,645,051	287,105	2,357,946	2,149,651	111,138	637,673
Value of resales.....do....	76,648	4,700	71,948	50,573	3,803	29,098
Value added by manufacture, adjusted.....do....	1,578,275	164,742	1,413,533	1,302,046	80,748	377,710
Manufacturers' inventories:						
Beginning of year, total.....do....	203,888	26,299	173,902	151,628	9,258	63,714
Finished products.....do....	41,419	6,839	33,969	25,449	715	15,369
Work-in-process.....do....	53,972	8,251	43,971	55,664	3,021	13,832
Materials, supplies, fuel, etc.....do....	108,497	11,209	95,962	70,517	5,522	34,513
End of year, total.....do....	245,674	27,806	217,868	160,624	10,208	64,416
Finished products.....do....	56,265	7,096	49,169	26,278	697	15,251
Work-in-process.....do....	64,972	8,297	56,675	59,331	3,596	13,250
Materials, supplies, fuel, etc.....do....	124,437	12,413	112,024	75,015	5,915	35,915
Expenditures for plant and equipment, total.....do....	110,001	10,403	99,598	85,781	3,939	24,651
New, total.....do....	99,228	10,187	89,041	76,877	3,836	23,084
New structures and additions to plant.....do....	19,217	1,249	17,968	12,110	1,180	3,183
New machinery and equipment.....do....	80,011	8,938	71,073	64,767	2,656	19,901
Used plant and equipment.....do....	10,773	216	10,557	8,905	103	1,567
Selected operating ratios:						
Payroll/Total employment.....	5,909	7,176	5,791	6,560	5,620	6,016
Production workers/Total employment.....	.80	.83	.79	.75	.79	.74
Man-hours/Production workers.....	1,941	1,918	1,942	2,050	1,938	2,037
Production worker wages/Man-hours.....	2.89	3.66	2.82	2.96	2.76	2.69
Cost of materials and payrolls/Total value of shipments....	.78	.81	.77	.77	.74	.68
Cost of materials/Total value of shipments.....	.40	.43	.40	.37	.28	.41
Adjusted value added/Total employment.....	9,568	10,855	9,463	10,754	8,950	13,117
Salaries and wages/Adjusted value added.....	.62	.66	.61	.61	.47	.46

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2751.—PRINTING, EXCEPT LITHOGRAPHIC											
Establishments.....number..	12,109	7,081	2,115	1,509	876	298	148	50	20	10	2
All employees:											
Total.....do....	170,215	12,494	13,938	20,447	25,909	20,534	21,864	17,463	13,333	<u>24,233</u>	(D)
Payroll.....\$1,000..	1,007,469	53,727	67,574	106,832	143,299	120,527	134,276	114,675	85,637	<u>180,922</u>	(D)
Value added, adjusted.....do....	1,578,275	111,788	115,121	173,520	231,504	191,409	211,347	180,981	124,291	<u>238,314</u>	(D)
Value of shipments.....do....	2,645,051	191,764	189,645	277,415	376,794	319,750	373,882	303,815	194,630	<u>417,353</u>	(D)
Capital expenditures, new...do....	99,228	¹ 12,016	8,073	8,265	11,553	10,008	11,102	9,181	5,753	<u>23,277</u>	(D)
Subindustry 2751-15.—Printing, Except Lithographic—GRAVURE PRINTING											
Establishments.....number..	171	51	24	17	29	16	18	9	3	4	-
All employees:											
Total.....do....	15,193	97	152	236	941	1,145	2,688	3,293	1,730	4,911	-
Payroll.....\$1,000..	109,180	454	1,090	1,360	6,269	6,342	18,568	24,011	13,445	37,641	-
Value added, adjusted.....do....	164,742	1,281	1,713	2,637	11,900	10,629	33,014	39,692	17,428	46,448	-
Value of shipments.....do....	287,105	2,188	2,645	4,515	20,246	19,123	59,795	66,679	27,255	84,659	-
Capital expenditures, new...do....	10,187	64	67	48	834	820	1,579	2,008	568	4,199	-
Subindustry 2751-17.—Printing, Except Lithographic—LETTERPRESS AND SCREEN PRINTING											
Establishments.....number..	11,938	7,030	2,091	1,492	847	282	130	41	17	6	2
All employees:											
Total.....do....	155,022	12,397	13,786	20,211	24,968	19,389	19,176	14,170	11,603	<u>19,322</u>	(D)
Payroll.....\$1,000..	898,289	53,273	66,484	105,472	137,030	114,185	115,708	90,664	72,192	<u>143,281</u>	(D)
Value added, adjusted.....do....	1,413,533	110,507	113,408	170,883	219,604	180,780	178,333	141,289	106,863	<u>191,866</u>	(D)
Value of shipments.....do....	2,357,946	189,576	187,000	272,900	356,551	300,627	314,087	237,136	167,375	<u>332,694</u>	(D)
Capital expenditures, new...do....	89,041	¹ 11,952	8,006	8,217	10,719	9,188	9,523	7,173	5,185	<u>19,078</u>	(D)
INDUSTRY 2752.—PRINTING, LITHOGRAPHIC											
Establishments.....number..	6,822	3,195	1,226	1,062	854	271	160	48	3	2	1
All employees:											
Total.....do....	121,072	5,682	8,165	14,691	26,059	18,411	24,061	16,296	2,110	<u>5,597</u>	(D)
Payroll.....\$1,000..	794,353	29,923	45,313	91,513	175,089	129,825	159,820	113,802	12,105	<u>36,963</u>	(D)
Value added, adjusted.....do....	1,302,046	67,021	80,961	147,077	272,369	207,466	266,712	181,875	22,561	<u>56,004</u>	(D)
Value of shipments.....do....	2,149,651	112,016	133,288	239,000	445,946	344,157	452,196	301,889	34,684	<u>86,475</u>	(D)
Capital expenditures, new...do....	76,877	² 6,307	5,238	8,667	17,014	11,602	15,042	10,961	601	<u>1,445</u>	(D)
INDUSTRY 2753.—ENGRAVING AND PLATE PRINTING											
Establishments.....number..	580	252	122	101	82	10	11	1	-	1	-
All employees:											
Total.....do....	9,022	424	836	1,399	2,466	751	<u>3,146</u>	(D)	-	(D)	-
Payroll.....\$1,000..	50,703	2,457	4,351	6,872	12,898	4,084	<u>20,041</u>	(D)	-	(D)	-
Value added, adjusted.....do....	80,748	5,023	6,907	10,122	19,878	6,405	<u>32,413</u>	(D)	-	(D)	-
Value of shipments.....do....	111,138	7,103	10,242	14,895	27,439	9,048	<u>42,411</u>	(D)	-	(D)	-
Capital expenditures, new...do....	3,836	227	482	394	705	239	<u>1,789</u>	(D)	-	(D)	-
INDUSTRY 2761.—MANIFOLD BUSINESS FORMS											
Establishments.....number..	502	103	51	98	104	72	47	23	3	1	-
All employees:											
Total.....do....	28,796	213	347	1,371	3,239	4,970	6,937	8,336	<u>3,383</u>	(D)	-
Payroll.....\$1,000..	173,238	914	1,762	7,612	18,133	27,612	39,902	53,619	<u>23,684</u>	(D)	-
Value added, adjusted.....do....	377,710	2,388	4,154	12,881	32,046	60,438	102,533	113,520	<u>49,750</u>	(D)	-
Value of shipments.....do....	637,673	4,162	6,493	22,595	56,009	104,008	170,582	192,546	<u>81,278</u>	(D)	-
Capital expenditures, new...do....	23,084	212	316	943	2,631	5,615	6,103	4,678	<u>2,586</u>	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures of approximately \$2-\$5 million for plants under construction but not in operation.²Includes capital expenditures of approximately \$1-\$2 million for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2751	Printing, except lithographic.....1963.. 1958 ¹ .	2,645,051 (NA)	2,187,629 (NA)	365,427 (NA)	91,995 (NA)	86 (NA)	2,711,445 (NA)	2,187,629 (NA)	523,816 (NA)	81 (NA)
2752	Printing, lithographic.....1963.. 1958 ¹ .	2,149,651 (NA)	1,657,990 (NA)	422,374 (NA)	69,287 (NA)	80 (NA)	2,025,209 (NA)	1,657,990 (NA)	367,219 (NA)	82 (NA)
2753	Engraving and plate printing.....1963.. 1958..	111,138 87,202	93,394 77,169	11,745 6,774	5,999 3,259	89 92	117,710 93,717	93,394 77,169	24,318 16,548	79 82
2761	Manifold business forms.....1963.. 1958..	637,673 405,731	545,035 352,251	61,435 34,399	31,203 19,081	90 91	598,402 ² 392,883	545,035 352,251	53,367 40,632	91 90

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The 1958 data contained in this table are not directly comparable with the 1963 data published for industries 2751, Printing, except Lithographic, and 2753, Printing, Lithographic. This results from a misclassification between these two industries in the 1958 Census of Manufactures of a large number of small establishments (generally companies with less than nine employees). This does not affect significantly the comparability of the detailed product statistics appearing in tables 6A and 6C of this report.

²This figure will not agree with that shown in table 6A because of a misclassification of a large number of small plants which should have been coded to industry 2752, Printing, Lithographic, in 1958. The product data contained in table 6A represent only product receipts of the Manifold Business Forms Industry (2761).

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)	Newspapers (SIC 2711)	Book printing (SIC 2732)	Blankbooks; looseleaf binders (SIC 2782)	Bags, except textile bags (SIC 2643)	Converted paper products, n.e.c. (SIC 2649)	Other industries
	Total shipments of the industry.....	(X)	2,645,051	2,149,651	111,138	637,673	(X)	(X)	(X)	(X)	(X)	(X)
275-276-	Commercial printing and manifold business forms.....	(X)	2,395,755	1,902,344	102,672	585,660	(X)	(X)	(X)	(X)	(X)	(X)
27511	Letter press: Magazines and periodical printing.....	573,977	544,126	15,730	-	(D)	(D)	6,483	-	-	-	6,050
27512	Labels and wrappers printing.....	296,875	210,257	15,723	(D)	1,591	(D)	2,336	-	32,963	(D)	² 26,145
27513	Catalogs and directories printing.....	148,705	113,069	11,611	-	(³)	13,953	9,342	-	-	-	(D)
27514	Financial and legal printing.....	111,273	83,084	19,824	1,435	1,299	(D)	1,629	2,705	-	(D)	690
27515	Advertising printing.....	276,364	199,124	58,382	102	1,739	3,110	3,402	(D)	(D)	-	¹ 10,486
27516	Other general job printing.....	717,052	494,727	80,361	2,835	15,734	85,535	7,252	968	(D)	(D)	⁴ 20,799
27517	Publication printing (gravure).....	158,936	152,451	(D)	-	-	3,177	(D)	1,618	-	-	(D)
27518	Other gravure printing.....	145,899	116,682	5,891	(D)	(D)	998	272	-	2,800	(D)	⁵ 19,199
27519	Screen process printing, except textiles.....	69,225	63,488	4,271	(D)	(D)	(D)	209	-	-	-	1,188
27510	Printing, except lithographic, n.s.k.....	213,139	210,781	1,637	(³)	(D)	(³)	304	-	(D)	-	191
27521	Lithographic: Magazines and periodicals, printing only.....	138,547	28,261	100,639	-	(D)	(D)	8,807	-	-	-	319
27522	Labels and wrappers printing.....	147,343	11,685	129,342	(D)	403	(D)	1,038	-	(D)	-	⁶ 4,792
27523	Catalogs and directories printing.....	165,269	16,547	127,694	-	1,760	(D)	16,617	-	-	(D)	2,674
27524	Financial and legal printing.....	108,932	13,642	87,403	2,044	2,209	(D)	1,126	1,048	-	(D)	1,340
27525	Advertising printing.....	721,583	54,217	628,966	(³)	2,582	(D)	15,029	(D)	(D)	(D)	⁷ 19,641
27526	Other commercial printing.....	517,725	65,133	379,417	1,141	11,608	27,328	11,347	(D)	(D)	(D)	⁸ 20,671
27527	Lithographic plates made for others.....	129,502	1,135	109,091	173	(³)	-	661	(D)	-	-	⁹ 18,415
27520	Printing, lithographic n.s.k.....	96,308	349	95,438	(D)	-	(D)	114	(D)	-	-	186
27530	Engraving and plate printing.....	117,710	3,460	3,165	93,394	370	205	1,992	(D)	(D)	(D)	¹⁰ 14,690
27611	Manifold business forms, continuous.....	291,063	3,237	6,201	-	280,877	-	(D)	-	-	-	(D)
27612	Manifold business forms, unit-set.....	257,955	9,595	19,899	648	218,118	(D)	191	(D)	-	-	(D)
27613	Manifold business forms, sales books and others.....	39,614	529	1,115	(D)	36,660	-	(³)	1,050	-	-	(D)
27610	Manifold business forms, n.s.k.....	9,770	176	(D)	-	9,380	-	-	-	-	-	(³)
2641-	Other products.....	(X)	142,057	152,245	1,851	11,867	(X)	(X)	(X)	(X)	(X)	(X)
26432	Paper coating and glazing....	(X)	11,823	(D)	(X)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
26495	Specialty bags and liners....	(X)	15,755	(X)	(X)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
26510	Other converted paper and board products.....	(X)	7,639	410	(X)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
2721-	Folding paper board boxes and cartons (except ice cream, butter, margarine, frozen food, etc).....	(X)	6,613	11,085	(X)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
2731-	Periodicals.....	(X)	8,695	2,981	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2732-	Books, publishing and printing.....	(X)	3,810	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2741-	Book printing.....	(X)	64,904	100,298	(D)	5,146	(X)	(X)	(X)	(X)	(X)	(X)
27711	Miscellaneous publishing.....	(X)	1,245	936	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
27712	Greeting card publishers' sales.....	(X)	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2782-	Greeting cards printed for publication by others.....	(X)	(D)	6,736	(X)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
2789-	Blankbooks; looseleaf binders.....	(X)	4,502	9,832	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
2791-	Bookbinding, and related work.....	(X)	4,355	6,077	(D)	(³)	(X)	(X)	(X)	(X)	(X)	(X)
2793-	Typesetting.....	(X)	6,349	6,293	(D)	(D)	(X)	(X)	(X)	(X)	(X)	(X)
2794-	Photoengraving.....	(X)	3,537	3,786	1,106	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Electrotyping and stereotyping.....	(X)	1,990	295	309	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	¹¹ 15,244	¹² 25,775	616	¹³ 8,943	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 5B. **Industry-Product Analysis—Shipments by Product Class and Industry:**
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)	Newspapers (SIC 2711)	Book printing (SIC 2732)	Blankbooks, looseleaf binders (SIC 2782)	Bags, except textile bags (SIC 2643)	Converted paper products, n.e.c. (SIC 2649)	Other industries
	Miscellaneous receipts, total..	(X)	91,995	69,287	5,999	31,203	(X)	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	76,648	50,573	3,803	29,098	(X)	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.	(X)	15,347	18,714	2,196	2,105	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual company figures. (NA) Not available.
 (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Industry 2721, Periodicals, had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures.

²Includes \$9.1 million shipped by industry 2641, Paper Coating and Glazing, and \$10.5 million shipped by industry 2651, Folding Paperboard Boxes. In addition, industry 2647, Sanitary Paper Products, had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures.

³Less than \$100 thousand.

⁴Includes \$5.8 million shipped by industry 2645, Die-Cut Paper and Board; and \$3.6 million shipped by industry 2731, Books, Publishing and Printing.

⁵Includes \$2.5 million shipped by industry 3497, Metal Foil and Leaf. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2641, Paper Coating and Glazing, and 2651, Folding Paperboard Boxes.

⁶Includes \$3.9 million shipped by industry 2651, Folding Paperboard Boxes.

⁷Includes \$2.4 million shipped by industry 2651, Folding Paperboard Boxes, and \$2.1 million shipped by industry 2771, Greeting Card Manufacturing. In addition, industry 2731, Books, Publishing and Printing, had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures.

⁸The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2522, Metal Office Furniture; 2645, Die-Cut Paper and Board; 3571, Computing and Related Machines.

⁹Includes \$5.3 million shipped by industry 2793, Photoengraving. In addition, industry 2899, Chemical Preparation, N.E.C., had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.

¹⁰Includes \$5.2 million shipped by industry 2794, Electrotyping and Stereotyping. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 3861, Photographic Equipment; 3911, Jewelry, Precious Metal.

¹¹Includes product class 26543, Other sanitary food containers, boards and trays, which totaled \$2 million or more but is withheld to avoid disclosing individual company figures.

¹²Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 26543, Other sanitary food containers, boards and trays; 39550, Carbon paper, stencil paper and inked ribbons; 39933, Advertising novelties.

¹³Includes \$2.7 million produced by product class 26451, Office supplies (filing accessories) and miscellaneous products.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Value of receipts including interplant transfers (\$1,000)	
		1963	1958
2751- --	COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC, TOTAL.....	2,711,445	2,428,275
27511 --	Magazines and periodicals printing.....	573,977	426,269
27511 15	Magazines and periodicals (exclude magazine and comic supplements for Sunday newspapers).....	530,922	426,269
27511 17	Magazine and comic supplements for Sunday newspapers.....	43,055	
27512 --	Labels and wrappers printing.....	296,875	263,144
	Labels custom and stock printed including bordered, made of paper or foil (exclude labels made of fabric) and set-up box labels:		
	Letterpress, including flexographic, printed:		
27512 12	Flat, except pressure sensitive.....	¹ 118,894	138,473
27512 14	Roll, except pressure sensitive.....	¹ 16,338	15,960
27512 15	Decalcomanias.....	1,504	1,216
27512 17	Pressure sensitive.....	¹ 30,491	(¹)
	Wrappers or wraps, printed rolls and sheets (except oiled, waxed laminated or coated structures):		
27512 31	Cellophane (flexographic printed).....	57,747	57,774
27512 33	Paper.....	19,376	31,350
27512 39	Other, including polyethylene (flexographic printed).....	38,426	18,371
27512 00	Labels and wrappers (letterpress printing) not reported separately.....	14,099	-
27513 --	Catalogs and directories.....	148,705	139,892
27513 11	Catalogs.....	70,282	57,160
27513 15	Directories of all types.....	72,991	64,723
27513 00	Catalogs and directories, not reported separately.....	5,432	18,009
27514 --	Financial and legal printing (excluding manifold business forms; whether continuous, unit-set or other).....	111,273	76,790
27514 23	Financial and legal printing, including insurance forms, security certificates, SEC filing, prospect uses, briefs, etc.....	58,047	76,790
27514 25	Bank printing, including deposit slips, counter checks, business checks, imprinting of bank checks..	28,704	
27514 27	Bank form printing, including printing of pass books, debits and credit slips, ledger and statement sheets, including the printing of installment loan coupon books, etc. (excluding check books).....	10,550	
27514 00	Financial and legal printing, not reported separately.....	13,972	
27515 --	Advertising printing.....	276,364	348,679
	Advertising printing (printing designed to sell products or services):		
27515 11	Direct mail, including circulars, letters, pamphlets, cards, and printed envelopes.....	125,136	179,837
27515 21	Display advertising (posters, car cards, window, counter and floor displays, and other printed display material).....	29,570	28,442
27515 98	Other advertising printing, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.....	77,983	98,914
27515 00	Advertising printing, n.s.k.....	43,675	41,486
27516 --	Other general job printing.....	717,052	643,165
27516 13	Scientific and technical recording charts and chart paper (containing preprinted grids and scale markings) except pen ruled.....	8,965	(X)
27516 24	Seals, all types, including trading stamps.....	5,787	9,602
27516 25	Picture post cards and souvenir cards (exclude advertising, direct mail and reply cards).....	2,501	2,553
27516 41	Newspapers, ready prints (patent sides) shopping news, and market circulars.....	² 69,242	² 97,268
27516 51	Decalcomanias.....	(³)	1,792
27516 71	Business forms, n.e.c., including cut single manifold forms, loose or padded, but excluding blank books and looseleaf forms.....	125,900	103,533
27516 75	Tags, printed, including embossing.....	43,033	29,628
27516 81	Playing cards, printed.....	6,333	9,877
27516 31	Tickets, including transportation and amusement.....	16,714	13,431
27516 34	Food and beverage checks.....	5,291	4,864
27516 92	Coupons.....	2,955	4,607
27516 91	Printing on metal.....	2,105	1,779
27516 93	Calendars and calendar pads.....	31,000	37,995
27516 98	All other general commercial letterpress printing, not elsewhere reported, including maps, atlases, globe covers, etc.....	188,621	194,157
27516 00	Other general job printing (letterpress) n.s.k.....	208,605	132,079
27517 --	Publication printing (gravure).....	158,936	126,114
27517 11	Newspapers ready prints (patent sides), shopping news and market circulars.....	4,475	1,610
27517 33	Magazines and periodicals (exclude magazine and comic supplements for Sunday newspapers).....	53,120	87,626
27517 35	Magazine and comic supplements for Sunday newspapers.....	46,316	
27517 74	Catalogs.....	50,732	36,878
27517 76	Directories.....		
27517 00	Publication printing (gravure) n.s.k.....	4,293	(X)
27518 --	Other gravure printing.....	145,899	119,335
	Labels:		
27518 20	Flat.....	22,177	30,991
27518 24	Roll.....	32,143	25,723

See footnotes at end of table.

**TABLE 6A. Products and Product Classes—Value Shipped by All
Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Value of receipts including interplant transfers (\$1,000)	
		1963	1958
2751- --	COMMERCIAL PRINTING, EXCEPT LITHOGRAPHIC—Continued		
27518 --	Other gravure printing—Continued		
	Wrappers or wraps, printed rolls and sheets (except oiled, waxed, laminated or coated structures):		
27518 32	Paper.....	24,312	12,780
27518 31	Cellophane.....		
27518 35	Other, including polyethylene.....	6,634	22,517
27518 37	Other advertising printing, not reported above by product and/or process, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.....	8,348	5,105
27518 51	Financial and legal printing, including bank forms, imprinting of bank checks, insurance forms, security certificates.....	2,874	108
27518 71	Gravure plates and cylinders made for others.....	17,648	14,645
27518 95	Art reproductions and picture prints.....	577	(X)
27518 98	All other general commercial printing (gravure process) not elsewhere reported, including maps, atlases, globe covers, seals (all types, including trading stamps), etc.....	27,076	5,024
27518 00	Other gravure printing, n.s.k.....	4,110	2,442
27519 --	Screen process printing, except textiles.....	69,225	53,249
27519 11	Decalcomanias (screen).....	8,818	9,345
27519 15	Screen process decal labels, custom and stock printed, including bordered, made of paper or foil (excluding labels made of fabric).....	10,920	7,830
27519 21	Display advertising (posters, car cards, window, counter and floor displays and other printed display material).....	17,700	24,893
27519 29	Other advertising screen process printing not reported above by product and/or process including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.....	6,219	5,835
27519 95	Art reproductions and picture prints.....	1,454	(X)
27519 98	All other general commercial screen process printing, not elsewhere reported, including maps, atlases, globe covers, etc.....	11,477	5,346
27519 00	Screen process printing, except textiles, n.s.k.....	12,637	(X)
27510 00	Commercial printing, except lithographic, not specified by process or kind of product.....	213,139	231,638
2752- --	COMMERCIAL PRINTING (LITHOGRAPHIC), TOTAL.....	2,025,209	1,366,196
27521 --	Magazine and periodical printing only.....	138,547	66,154
27521 15	Magazines and periodicals (excluding magazine and comic supplements for Sunday newspapers).....	136,052	
27521 17	Magazine and comic supplements for Sunday newspapers.....	2,495	66,154
27522 --	Labels and wrappers, printing.....	147,343	123,414
	Labels:		
27522 12	Flat, except pressure sensitive.....	¹ 117,751	91,405
27522 14	Rolls, except pressure sensitive.....	¹ 1,930	1,477
27522 23	Decal labels, custom and stock printed, including bordered, made of paper or foil (exclude labels made of fabric).....	¹ 3,048	6,500
27522 17	Pressure sensitive.....	¹ 5,984	(¹)
	Wrappers or wraps, printed rolls and sheets (except oiled, waxed laminated or coated structures):		
27522 34	Paper.....	11,093	18,313
27522 31	Cellophane.....		
27522 39	Other, including polyethylene.....	1,370	5,719
27522 00	Labels and wrappers, printing, n.s.k.....	6,167	(X)
27523 --	Catalogs and directories, printing.....	165,269	75,636
27523 11	Catalogs.....	130,913	62,498
27523 31	Directories all types.....	25,860	13,138
27523 00	Catalogs and directories, printing, n.s.k.....	8,496	(X)
27524 --	Financial and legal printing (excluding manifold business forms, whether continuous, unit-set, or other).....	108,932	50,029
27524 23	Financial and legal printing, including insurance forms, security certificates, SEC filings, prospect uses, briefs, etc.....	48,748	
27524 25	Bank printing, including deposit slips, counter checks, imprinting of bank checks, etc. (exclude check books).....	42,793	
27524 27	Bank form printing, including the printing of pass books, debit and credit slips, ledger and statement sheets, including the printing of installment loan coupon books, etc. (excluding check books).....	10,195	50,029
27524 00	Financial and legal printing, n.s.k.....	7,196	
27525 --	Advertising printing.....	721,583	577,318
27525 11	Direct mail, including circulars, letters, pamphlets, cards and printed envelopes.....	293,436	266,301
27525 31	Display advertising (posters, car cards, window, counter and floor displays and other printed display material).....	127,845	101,592
27525 51	Other advertising printing not reported above by product and/or process, including brochures, pamphlets, catalog sheets, circular folders, broadsides, announcements, package inserts, etc.....	239,023	209,425
27525 00	Advertising printing, n.s.k.....	61,279	(X)

See footnotes at end of table.

**TABLE 6A. Products and Product Classes—Value Shipped by All
Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Value of receipts including interplant transfers (\$1,000)	
		1963	1958
	COMMERCIAL PRINTING (LITHOGRAPHIC)--Continued		
27526 --	Other commercial printing.....	517,725	372,472
27526 11	Newspapers, ready prints (patent sides), shopping news, and market circulars.....	² 19,165	17,801
27526 21	Maps, atlases, and globe covers (include road maps and strip maps) (printing only).....	11,996	7,552
27526 35	Picture post cards and souvenir cards (exclude advertising-direct mail and reply cards).....	4,717	3,349
27526 71	Seals, all types, including trading stamps.....	7,966	6,221
27526 43	Calendars and calendar pads.....	24,457	26,460
27526 44	Tickets, coupons, food and beverage checks, including transportation and amusements.....	6,883	2,979
27526 47	Playing cards, printed.....	19,173	12,484
27526 51	Decalcomanias.....	10,559	9,257
27526 78	Tags, printed, including embossing.....	3,847	846
27526 81	Printing on metal.....	38,699	14,619
27526 96	Business forms (n.e.c., including cut single manifold forms, loose or padded but excluding blank- books and looseleaf forms).....	114,778	56,774
27526 13	Scientific and technical recording charts and chart paper (containing preprinted grids and scale markings), except pen ruled.....	5,097	(X)
27526 95	Art reproductions and picture prints.....	18,373	(X)
27526 98	All other general commercial lithography, not elsewhere reported.....	132,487	96,366
27526 00	Other commercial printing (lithographic) n.s.k.....	99,528	117,764
27527 11	Lithographic plates made for others.....	129,502	67,952
27520 00	Commercial lithographic printing, not specified by kind of product.....	96,308	33,221
2753- --	ENGRAVING AND PLATE PRINTING.....	117,710	93,717
	Engraving, except photoengraving:		
27530 12	Security.....	18,758	17,789
27530 22	Social.....	14,649	11,486
27530 32	Commercial.....	24,246	20,360
27530 42	Intaglio plates made for others (exclude duplicates).....	8,921	12,947
27530 52	Other.....	9,726	
	Duplicate plates for letterpress (See Industry 2794 for electroplating, stereotyping, and matrixes):		
27530 71	Rubber plates.....	10,795	6,154
27530 75	Other.....	10,602	8,023
27530 00	Engraving (steel and copperplate, rubber, wood), and plate printing, n.s.k.....	20,013	16,958
		Value of shipments including interplant transfers (\$1,000)	
		1963	1958
2761- --	MANIFOLD BUSINESS FORMS MANUFACTURING.....	598,402	373,995
27611 --	Continuous business forms (with or without carbon marginally punched or not marginally punched). Strip (single or multiple copy) form in which the parts are printed on separate sheets of paper. Including all forms in which the parts are fastened together by stapling, gluing, crimping or any other fastening except as described under fanfold form below, and except for forms for use in auto- graphic registers; report as strip any combined form in which 50% or more of the parts are separate and any continuous form consisting of unit sets pasted together in a continuous strip.....	291,063	169,209
	Strip:		
27611 11	Imprinted stock forms.....	15,876	12,672
27611 15	Stock forms.....	53,928	18,803
27611 21	Specially printed (produced to individual order) and spirit duplicating paper plates.....	169,938	92,373
27611 31	Fanfold(multiple copy form of two or more parts, in which the parts are hinged or hinged and joined; fanfold forms also include any form in which 50% or more of parts are so hinged or hinged and joined)	25,930	17,695
27611 51	Autographic register (any form, strip or fanfold or any number of parts in continuous rolls or folded packs sold for use in an autographic register).....	22,181	24,498
27611 00	Continuous business forms, not distributed by kind.....	3,210	3,168

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Value of shipments including interplant transfers (\$1,000)	
		1963	1958
2761- --	MANIFOLD BUSINESS FORMS MANUFACTURING--Continued		
27612 --	Unit set forms (snap-out types, either loose or bound).....	257,955	159,551
27612 11	Stocks, including imprinted.....	20,321	24,766
27612 51	Specially printed (produced to individual orders).....	216,721	126,312
27612 61	Tabulating card sets (any combination of one or more cards assembled and joined with any sheet with or without carbon).....	417,322	(NA)
27612 00	Unit set forms, not distributed by kind.....	3,591	8,473
27613 --	Sales and other manifold books; except food and beverage checks.....	39,614	45,235
27613 11	Stock (exclude imprinted).....	5,333	11,240
27613 51	Specially printed (produced to individual order).....	34,281	31,975
27613 00	Sales and other manifold books, not distributed by type.....	-	2,020
27610 00	Manifold business forms, n.s.k. ⁵	9,770	-

Note: In 1963 establishments with less than 10 employees were not requested to report their printing receipts in detail greater than the product loss level.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Data for pressure sensitive labels were not collected in the 1958 Census of Manufactures. It appears that producers of these products reported them as either flat or roll labels.

²Does not include receipts for newspaper printing by establishments with less than 10 employees.

³An insignificant amount reported for this product is included with the figure for, "All other general commercial letterpress printing, not elsewhere reported, including maps, atlases, globe covers, etc."

⁴Comparable data for this item appeared in the 1960 Current Industrial Report M27T, Tabulating Cards and Sets, which indicated shipments of tabulating card sets of \$13,209.

⁵Largely accounted for by small establishments which were not able to provide any breakdown of their shipments by products.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

(Indexes of production and unit value are not shown for this area pending further review of the quantity data and associated values pertaining to these products.)

**TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments:
1947, 1954, 1958 to 1963**

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2751-	Printing, except lithographic.....	2,711,445	2,928,412	2,808,078	2,742,241	2,602,615	2,428,275	1,905,757	1,455,557
27511	Magazine and periodical printing (letter- press).....	573,977	655,719	656,891	642,688	602,887	426,269	361,970	181,518
27512	Labels and wrappers printing (letterpress).....	296,875	280,880	265,776	270,854	280,128	263,144	124,793	109,137
27513	Catalogs and directories printing (letter- press).....	148,705	165,925	161,021	158,322	147,007	139,892	106,003	65,929
27514	Financial and legal printing (letterpress).....	111,273	(56,951)	(49,521)	(NA)	(NA)	76,790	(²)	(²)
27515	Advertising printing (letterpress).....	276,364	346,703	339,485	361,050	340,718	348,679	(²)	(²)
27516	Other general job printing (letterpress)...	717,052	712,581	660,327	625,388	604,935	643,165	(²)	(²)
27517	Publication printing (gravure).....	158,936	190,354	176,492	149,271	140,491	126,114	104,259	41,533
27518	Other gravure printing.....	145,899	135,544	131,897	134,475	133,280	119,335	45,921	12,944
27519	Screen process printing, except textiles...	69,225	(117,135)	(91,539)	(89,942)	(67,505)	53,249	(NA)	(NA)
27510	Printing, except lithographic, n.s.k.....	213,139	(266,620)	(275,129)	(NA)	(NA)	231,638	110,593	(NA)
2752-	Printing, lithographic.....	2,025,209	1,754,544	1,649,486	1,566,709	1,465,323	1,366,196	853,571	443,672
27521	Magazines and periodicals, printing only...	138,547	124,023	109,318	110,212	99,957	66,154	34,195	8,769
27522	Labels and wrappers, printing(lithographic)	147,343	125,900	125,511	140,795	129,244	123,414	98,019	72,860
27523	Catalogs and directories, printing (litho- graphic).....	165,269	115,894	105,576	96,004	89,700	75,636	50,452	12,786
27524	Financial and legal, printing(lithographic)	108,932	79,590	79,868	76,743	69,672	50,029	(³)	(³)
27525	Advertising printing (lithographic).....	721,583	727,234	692,563	659,402	625,324	577,318	(³)	(³)
27526	Other commercial printing (lithographic)...	517,725	425,450	396,890	341,128	318,827	372,472	(³)	(³)
27527	Lithographic plates made for others.....	129,502	98,184	82,428	77,771	73,511	67,952	40,952	16,691
27520	Printing, lithographic, n.s.k.....	96,308	(58,269)	(57,332)	(64,654)	(59,088)	33,221	104,136	(NA)
27530	Engraving and plate printing.....	117,710	119,851	121,749	113,086	96,555	93,717	70,398	51,735
2761-	Manifold business forms.....	598,402	501,472	467,416	430,630	419,638	373,995	(⁴)	(⁴)
27611	Manifold business forms, continuous.....	291,063	246,960	222,553	206,819	189,409	169,209	(⁴)	(⁴)
27612	Manifold business forms, unit-set.....	257,955	204,816	196,321	172,973	173,171	159,551	(⁴)	(⁴)
27613	Manifold business forms, sales books, and others.....	39,614	49,696	48,542	50,838	49,257	45,235	(⁴)	(⁴)
27610	Manifold business forms, n.s.k.....	9,770	(X)	(X)	(X)	(X)	(X)	(⁴)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²In 1954 and 1947 products of product classes 27514, Financial and legal printing (letterpress), 27515, Advertising printing (letterpress), were included with product class 27516, Other general job printing (letterpress).

³In 1954 and 1947 products of product classes 27524, Financial and legal printing, 27525 Advertising printing, were included in product class 27526, Other commercial printing.

⁴Data for 1954 and 1947 are not available because "other (than manifold)business forms" were included with manifold business forms, therefore comparable data is not available.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
	1963 ¹		1963 ¹		1963 ¹
MAGAZINE AND PERIODICAL PRINTING (LETTERPRESS) (27511)		LABELS AND WRAPPERS PRINTING (LETTERPRESS) (27512)—Continued		FINANCIAL AND LEGAL PRINTING (LETTERPRESS) (27514)—Continued	
United States, total....	573,977	East South Central.....	12,299	South Atlantic.....	11,156
New England.....	58,416	Kentucky.....	1,652	Maryland.....	2,120
Massachusetts.....	7,615	Tennessee.....	6,405	District of Columbia....	1,265
Connecticut.....	40,077	West South Central.....	6,433	North Carolina.....	1,353
Middle Atlantic.....	165,963	Texas.....	5,529	Georgia.....	2,198
New York.....	67,505	Mountain.....	1,629	Florida.....	2,632
New Jersey.....	7,670	Colorado.....	1,495	East South Central.....	3,000
Pennsylvania.....	90,788	Pacific.....	43,559	Tennessee.....	1,384
East North Central.....	215,043	Washington.....	6,196	West South Central.....	6,701
Ohio.....	71,502	California.....	37,154	Louisiana.....	1,034
Indiana.....	12,073	CATALOGS AND DIRECTORIES PRINTING (LETTERPRESS) (27513)		Texas.....	4,522
Illinois.....	118,863	United States, total...	148,705	Mountain.....	3,578
Michigan.....	3,774	New England.....	5,543	Arizona.....	1,048
Wisconsin.....	8,831	Massachusetts.....	2,171	Utah.....	1,208
West North Central.....	36,845	Connecticut.....	1,348	Pacific.....	9,816
Minnesota.....	6,796	Middle Atlantic.....	36,963	Washington.....	1,448
Iowa.....	2,038	New York.....	10,882	California.....	7,501
Missouri.....	24,664	East North Central.....	52,429	ADVERTISING PRINTING (LETTERPRESS) (27515)	
Kansas.....	2,743	Ohio.....	3,704	United States, total...	276,364
South Atlantic.....	34,645	Indiana.....	5,104	New England.....	24,064
Maryland.....	6,713	Illinois.....	38,343	Massachusetts.....	10,944
District of Columbia....	14,817	Michigan.....	3,907	Rhode Island.....	1,433
Virginia.....	4,738	Wisconsin.....	1,371	Connecticut.....	10,098
North Carolina.....	1,479	West North Central.....	7,732	Middle Atlantic.....	106,597
Georgia.....	1,932	Minnesota.....	3,546	New York.....	73,707
Florida.....	3,734	Iowa.....	1,640	New Jersey.....	10,922
East South Central.....	24,787	Missouri.....	1,524	Pennsylvania.....	21,968
Tennessee.....	11,218	South Atlantic.....	9,691	East North Central.....	64,944
West South Central.....	11,021	Virginia.....	1,820	Ohio.....	17,342
Louisiana.....	1,078	Georgia.....	4,428	Indiana.....	5,038
Texas.....	9,482	East South Central.....	4,783	Illinois.....	30,113
Mountain.....	1,837	Tennessee.....	3,974	Michigan.....	8,602
Colorado.....	1,054	West South Central.....	8,420	Wisconsin.....	3,849
Pacific.....	25,420	Texas.....	7,205	West North Central.....	21,750
California.....	24,426	Mountain.....	1,385	Minnesota.....	7,174
LABELS AND WRAPPERS PRINTING (LETTERPRESS) (27512)		Colorado.....	1,024	Iowa.....	3,476
United States, total....	296,875	Pacific.....	21,759	Missouri.....	7,040
New England.....	16,603	California.....	21,417	Nebraska.....	2,239
Massachusetts.....	13,402	FINANCIAL AND LEGAL PRINTING (LETTERPRESS) (27514)		Kansas.....	1,263
Connecticut.....	1,276	United States, total...	111,273	South Atlantic.....	20,583
Middle Atlantic.....	80,760	New England.....	8,732	Maryland.....	7,213
New York.....	41,979	Massachusetts.....	6,282	District of Columbia....	2,943
New Jersey.....	12,221	Connecticut.....	1,640	Virginia.....	1,409
Pennsylvania.....	26,560	Middle Atlantic.....	37,447	North Carolina.....	2,077
East North Central.....	93,388	New York.....	29,768	Georgia.....	3,420
Ohio.....	31,879	New Jersey.....	1,968	Florida.....	2,334
Indiana.....	3,768	Pennsylvania.....	5,711	East South Central.....	4,864
Illinois.....	30,786	East North Central.....	24,388	Kentucky.....	1,608
Michigan.....	12,456	Ohio.....	4,411	Tennessee.....	2,270
Wisconsin.....	14,499	Indiana.....	4,280	West South Central.....	9,906
West North Central.....	13,347	Illinois.....	11,704	Colorado.....	1,282
Minnesota.....	2,166	Michigan.....	3,437	Texas.....	7,464
Iowa.....	1,352	West North Central.....	6,455	Mountain.....	2,991
Missouri.....	5,585	Missouri.....	2,785	Colorado.....	1,044
South Atlantic.....	28,857	Kansas.....	1,376	Pacific.....	20,665
Maryland.....	3,733			Washington.....	1,169
North Carolina.....	5,768			Oregon.....	1,170
Georgia.....	14,344			California.....	18,053

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
OTHER GENERAL JOB PRINTING (LETTERPRESS) (27516)	1963 ¹	OTHER GRAVURE PRINTING (27518)	1963 ¹	MAGAZINE AND PERIODICALS, PRINTING ONLY (LITHOGRAPHIC) (27521)—Contd.	1963 ¹
United States, total....	717,052	United States, total....	145,899	East North Central.....	50,823
New England.....	51,527	New England.....	13,233	Ohio.....	18,291
Maine.....	2,181	Middle Atlantic.....	29,970	Illinois.....	14,202
New Hampshire.....	1,990	New York.....	12,349	Michigan.....	10,028
Massachusetts.....	33,790	New Jersey.....	3,892	Wisconsin.....	7,343
Rhode Island.....	4,650	Pennsylvania.....	13,729	West North Central.....	13,748
Connecticut.....	8,048	East North Central.....	68,238	Minnesota.....	6,318
Middle Atlantic.....	188,374	Ohio.....	20,751	Missouri.....	3,379
New York.....	110,765	Illinois.....	21,368	Nebraska.....	2,852
New Jersey.....	29,117	Wisconsin.....	18,385	South Atlantic.....	14,967
Pennsylvania.....	48,492	West North Central.....	3,952	Maryland.....	6,352
East North Central.....	169,237	Missouri.....	3,438	District of Columbia.....	2,900
Ohio.....	49,887	South Atlantic.....	15,808	Georgia.....	2,229
Indiana.....	12,922	Maryland.....	3,578	Florida.....	1,994
Illinois.....	64,542	East South Central.....	5,691	East South Central.....	5,177
Michigan.....	26,909	West South Central.....	3,262	Tennessee.....	3,251
Wisconsin.....	14,977	Texas.....	2,180	West South Central.....	4,107
West North Central.....	73,179	West.....	5,745	Texas.....	2,685
Minnesota.....	21,286	California.....	5,640	Mountain.....	2,068
Iowa.....	14,463	SCREEN PROCESS PRINTING, EXCEPT TEXTILES (27519)	1963 ¹ 1958	Pacific.....	13,475
Missouri.....	21,243	United States, total....	69,225 53,249	Washington.....	1,048
North Dakota.....	1,407	New England.....	3,311 1,643	California.....	12,037
South Dakota.....	1,736	Massachusetts.....	2,415 1,099	LABELS AND WRAPPERS PRINTING (LITHOGRAPHIC) (27522)	1963 ¹ 1958
Nebraska.....	7,730	Middle Atlantic.....	16,642 13,573	United States, total....	147,343 123,414
Kansas.....	5,314	New York.....	9,630 8,099	New England.....	5,709 5,262
South Atlantic.....	59,754	New Jersey.....	3,294 3,119	Massachusetts.....	4,615 2,370
Delaware.....	1,985	Pennsylvania.....	3,718 2,355	Middle Atlantic.....	39,787 35,952
Maryland.....	8,535	East North Central.....	23,703 20,720	New York.....	26,747 25,905
District of Columbia.....	3,941	Ohio.....	4,837 2,415	New Jersey.....	6,054 6,274
Virginia.....	13,342	Indiana.....	1,082 1,138	Pennsylvania.....	6,986 3,773
West Virginia.....	2,354	Illinois.....	12,980 10,729	East North Central.....	46,683 37,074
North Carolina.....	7,606	Michigan.....	2,890 4,161	Ohio.....	6,145 7,403
South Carolina.....	3,039	Wisconsin.....	1,914 2,277	Indiana.....	2,990 (Z)
Georgia.....	8,931	West North Central.....	5,758 3,685	Illinois.....	29,722 18,755
Florida.....	10,021	Minnesota.....	2,985 1,769	Michigan.....	4,448 3,059
East South Central.....	26,160	Missouri.....	2,258 1,509	Wisconsin.....	3,378 7,286
Kentucky.....	6,126	South Atlantic.....	3,259 1,935	West North Central.....	10,940 8,178
Tennessee.....	12,213	Georgia.....	1,044 (Z)	Minnesota.....	2,751 2,547
Alabama.....	4,916	Florida.....	1,625 (Z)	Missouri.....	4,547 3,545
Mississippi.....	2,905	East South Central.....	1,655 1,219	South Atlantic.....	12,898 8,179
West South Central.....	37,934	Tennessee.....	1,439 (Z)	Maryland.....	5,212 3,051
Arkansas.....	5,021	West South Central.....	4,331 2,761	North Carolina.....	1,585 1,535
Louisiana.....	5,638	Oklahoma.....	1,476 (Z)	Georgia.....	2,080 (Z)
Oklahoma.....	3,973	Texas.....	2,471 1,466	East South Central.....	1,974 1,012
Texas.....	23,302	West.....	10,566 (2)	Tennessee.....	1,333 (Z)
Mountain.....	17,313	California.....	9,266 6,568	West South Central.....	2,474 (Z)
Montana.....	1,635	MAGAZINE AND PERIODICALS, PRINTING ONLY (LITHOGRAPHIC) (27521)	1963 ¹	Texas.....	1,531 (Z)
Idaho.....	2,266	United States, total....	138,547	West.....	26,878 (2)
Colorado.....	5,578	New England.....	7,045	California.....	24,503 25,924
New Mexico.....	1,223	Massachusetts.....	2,452	CATALOGS AND DIRECTORIES PRINTING (LITHOGRAPHIC) (27523)	1963 ¹ 1958
Arizona.....	2,199	Connecticut.....	3,591	United States, total....	165,269 75,636
Utah.....	2,867	Middle Atlantic.....	27,137	New England.....	17,091 6,155
Pacific.....	93,574	New York.....	18,393	Massachusetts.....	13,406 3,364
Washington.....	8,180	New Jersey.....	1,529	Connecticut.....	2,831 (Z)
Oregon.....	5,031	Pennsylvania.....	7,215		
California.....	79,151				
Hawaii.....	1,011				
PUBLICATIONS PRINTING (GRAVURE) (27517)					
United States, total....	158,936				
New England.....	4,131				
Middle Atlantic.....	46,374				
New York.....	3,012				
North Central.....	77,960				
Illinois.....	58,648				
South.....	21,627				
Mountain.....	1,285				
Pacific.....	7,559				
California.....	7,361				

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued**

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
CATALOGS AND DIRECTORIES, PRINTING (LITHOGRAPHIC) (27523)—Continued			ADVERTISING PRINTING (LITHOGRAPHIC) (27525)			OTHER COMMERCIAL PRINTING (LITHOGRAPHIC) (27526)—Continued		
Middle Atlantic.....	33,511	16,619	United States, total...	721,583	577,318	South Atlantic.....		69,709
New York.....	19,932	9,656	New England.....	35,948	28,598	Delaware.....		1,917
New Jersey.....	2,956	1,521	Massachusetts.....	21,852	18,914	Maryland.....		10,032
Pennsylvania.....	10,623	5,442	Rhode Island.....	2,913	2,046	District of Columbia....		7,054
East North Central.....	65,656	33,652	Connecticut.....	9,929	6,965	Virginia.....		6,488
Ohio.....	9,070	5,179	Middle Atlantic.....	235,955	204,384	West Virginia.....		2,619
Indiana.....	7,183	(2)	New York.....	168,683	141,108	North Carolina.....		4,349
Illinois.....	25,905	13,289	New Jersey.....	23,143	23,041	South Carolina.....		1,137
Michigan.....	13,933	7,188	Pennsylvania.....	44,129	40,235	Georgia.....		6,899
Wisconsin.....	9,565	(2)	East North Central.....	254,452	198,667	Florida.....		29,214
West North Central.....	13,164	4,394	Ohio.....	51,651	38,911	East South Central.....		18,448
Minnesota.....	3,479	(Z)	Indiana.....	13,079	12,652	Kentucky.....		2,892
Missouri.....	6,492	2,714	Illinois.....	115,665	93,307	Tennessee.....		9,195
Kansas.....	2,011	(Z)	Michigan.....	39,947	32,837	Alabama.....		5,242
South Atlantic.....	9,767	2,683	Wisconsin.....	34,110	20,960	Mississippi.....		1,119
Maryland.....	4,356	1,286	West North Central.....	59,894	44,298	West South Central.....		25,236
District of Columbia....	1,426	(Z)	Minnesota.....	20,741	17,343	Arkansas.....		1,569
Virginia.....	1,288	(Z)	Iowa.....	4,385	2,896	Louisiana.....		4,699
Georgia.....	1,294	(Z)	Missouri.....	27,664	19,299	Oklahoma.....		3,172
East South Central.....	1,987	2,054	Nebraska.....	2,520	2,333	Texas.....		15,796
West South Central.....	4,815	2,741	Kansas.....	4,018	2,286	Mountain.....		11,044
Oklahoma.....	1,613	(Z)	South Atlantic.....	36,030	21,369	Colorado.....		4,997
Texas.....	2,874	1,685	Delaware.....	1,837	1,101	New Mexico.....		1,193
Mountain.....	6,155	1,463	Maryland.....	6,968	3,826	Arizona.....		1,906
Pacific.....	13,123	5,875	District of Columbia....	4,794	3,306	Utah.....		1,250
Washington.....	1,293	(2)	Virginia.....	7,372	3,028	Pacific.....		46,857
California.....	10,203	4,296	North Carolina.....	1,940	1,606	Washington.....		5,479
FINANCIAL AND LEGAL, PRINTING (LITHOGRAPHIC) (27524)			Georgia.....	5,339	3,734	Oregon.....		2,793
United States, total.....	108,932	50,029	Florida.....	7,080	4,020	California.....		36,832
New England.....	10,387	6,906	East South Central.....	9,940	10,219	Hawaii.....		1,606
Massachusetts.....	8,606	5,533	Kentucky.....	3,928	6,298	LITHOGRAPHIC PLATES MADE FOR OTHERS (27527)		
Connecticut.....	1,343	1,167	Tennessee.....	5,296	2,815	United States, total...	129,502	67,952
Middle Atlantic.....	32,424	12,324	West South Central.....	17,960	12,527	New England.....	6,200	2,323
New York.....	23,249	8,638	Oklahoma.....	2,026	1,194	Massachusetts.....	2,836	(Z)
New Jersey.....	1,906	(Z)	Texas.....	14,310	10,031	Middle Atlantic.....	34,977	21,780
Pennsylvania.....	7,269	3,412	Mountain.....	5,460	4,294	New York.....	23,513	14,678
East North Central.....	22,942	11,699	Colorado.....	1,771	2,130	New Jersey.....	6,571	4,128
Ohio.....	3,341	2,547	Arizona.....	1,877	1,009	Pennsylvania.....	4,893	2,974
Illinois.....	13,610	8,288	Utah.....	1,006	(Z)	East North Central.....	38,296	27,047
Michigan.....	3,542	(Z)	Pacific.....	65,944	52,962	Ohio.....	8,676	6,540
Wisconsin.....	1,535	(Z)	Washington.....	3,851	3,725	Indiana.....	1,005	(Z)
West North Central.....	7,743	3,788	Oregon.....	4,205	2,271	Illinois.....	18,026	12,620
Missouri.....	2,062	1,771	California.....	56,766	46,966	Michigan.....	4,297	1,977
Nebraska.....	1,996	1,079	OTHER COMMERCIAL PRINTING (LITHOGRAPHIC) (27526)			Wisconsin.....	6,292	5,110
Kansas.....	2,255	(Z)	United States, total...	517,725		West North Central.....	17,923	5,271
South Atlantic.....	10,896	2,277	New England.....	32,884		Minnesota.....	13,383	2,044
Maryland.....	3,499	(Z)	Massachusetts.....	15,568		Missouri.....	3,795	2,541
North Carolina.....	2,206	(Z)	Rhode Island.....	4,089		South Atlantic.....	20,967	3,574
Florida.....	3,031	(Z)	Connecticut.....	11,457		Maryland.....	2,253	(Z)
East South Central.....	3,559	1,922	Middle Atlantic.....	114,143		District of Columbia....	1,534	1,327
Kentucky.....	1,864	(Z)	New York.....	70,485		Georgia.....	1,236	(Z)
West South Central.....	6,708	3,310	New Jersey.....	16,723		East South Central.....	1,845	1,164
Texas.....	5,315	2,957	Pennsylvania.....	26,935		West South Central.....	1,000	(Z)
Mountain.....	5,777	2,314	East North Central.....	148,107		West.....	8,294	(2)
Colorado.....	1,979	1,351	Ohio.....	44,588		California.....	7,057	4,887
Utah.....	1,169	(Z)	Indiana.....	10,260		ENGRAVING AND PLATE PRINTING (27530)		
Pacific.....	8,496	5,489	Illinois.....	65,468		United States, total...	117,710	
Washington.....	1,860	(Z)	Michigan.....	16,408		New England.....	10,335	
California.....	5,932	4,609	Wisconsin.....	11,383		Massachusetts.....	6,049	
			West North Central.....	51,297		Connecticut.....	2,586	
			Minnesota.....	23,850				
			Iowa.....	2,800				
			Missouri.....	17,973				
			Nebraska.....	2,764				
			Kansas.....	3,005				

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹			1963 ¹	1958		1963 ¹	1958
ENGRAVING AND PLATE PRINTING (27530)—Continued			MANIFOLD BUSINESS FORMS, CONTINUOUS (27611)—Con.			MANIFOLD BUSINESS FORMS, UNIT SET (27612)—Con.		
Middle Atlantic.....	49,772		Middle Atlantic.....	67,069	47,759	West North Central.....	16,610	12,767
New York.....	36,538		New York.....	36,184	32,499	Minnesota.....	2,849	1,262
New Jersey.....	6,922		New Jersey.....	10,980	7,594	Iowa.....	2,143	(²)
Pennsylvania.....	6,312		Pennsylvania.....	19,905	7,666	Missouri.....	6,492	5,912
East North Central.....	18,788		East North Central.....	103,216	64,370	Kansas.....	3,614	1,354
Ohio.....	3,167		Ohio.....	43,079	40,158	South Atlantic.....	29,484	19,661
Indiana.....	1,062		Indiana.....	11,215	(Z)	Virginia.....	3,566	(²)
Illinois.....	10,204		Illinois.....	41,101	19,031	North Carolina.....	5,105	3,206
Michigan.....	3,055		West North Central.....	12,334	6,802	Georgia.....	1,558	2,174
Wisconsin.....	1,300		Minnesota.....	1,416	(Z)	Florida.....	3,291	1,630
West North Central.....	4,756		Missouri.....	4,100	2,492	East South Central.....	6,909	5,411
Minnesota.....	2,490		South Atlantic.....	15,720	8,559	Tennessee.....	2,766	3,456
Missouri.....	2,013		Virginia.....	1,108	(Z)	Alabama.....	3,289	1,433
South Atlantic.....	10,217		Florida.....	2,412	(Z)	West South Central.....	21,941	11,821
Maryland.....	1,838		East South Central.....	8,102	1,682	Arkansas.....	4,235	(²)
District of Columbia.....	1,151		West South Central.....	21,238	7,800	Oklahoma.....	1,462	1,052
North Carolina.....	1,092		Mountain.....	1,260	(Z)	Texas.....	15,665	8,474
South Carolina.....	2,273		Pacific.....	41,415	20,708	Mountain.....	3,282	1,744
Florida.....	1,310		California.....	39,614	20,199	Colorado.....	1,727	(Z)
East South Central.....	7,109		MANIFOLD BUSINESS FORMS, UNIT-SET (27612)			Arizona.....	1,169	(Z)
Tennessee.....	2,498		United States, total...	257,955	159,551	Pacific.....	43,271	28,681
West South Central.....	4,213		New England.....	12,113	9,738	Washington.....	1,828	1,414
Texas.....	3,875		Connecticut.....	5,597	4,701	Oregon.....	8,232	(²)
Mountain.....	1,541		Middle Atlantic.....	48,117	32,799	California.....	33,041	22,977
Colorado.....	1,348		New York.....	26,723	18,371	MANIFOLD BUSINESS FORMS SALESBOOKS AND OTHERS (27613)		
Pacific.....	10,979		New Jersey.....	6,117	3,865	United States, total...	39,614	45,235
California.....	10,198		Pennsylvania.....	15,277	10,563	New England.....	1,326	1,077
MANIFOLD BUSINESS FORMS, CONTINUOUS (27611)	1963 ¹	1958	East North Central.....	76,228	36,929	Middle Atlantic.....	7,066	7,308
United States, total....	291,063	169,209	Ohio.....	29,069	13,921	East North Central.....	10,083	14,780
New England.....	20,709	11,301	Indiana.....	8,103	3,133	Ohio.....	6,195	10,039
Massachusetts.....	5,173	4,423	Illinois.....	27,184	14,298	West North Central.....	3,255	4,421
Connecticut.....	8,877	(²)	Michigan.....	5,811	2,643	South.....	8,688	8,896
			Wisconsin.....	6,061	2,934	West.....	9,196	(²)
						California.....	8,892	8,323

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 27511, New Hampshire, Kentucky, and Alabama; 27512, Nebraska, South Carolina, and Alabama; 27513, New Hampshire, New Jersey, and Pennsylvania; 27517, Massachusetts, Rhode Island, New Jersey, Pennsylvania, Ohio, Indiana, Michigan, Maryland, Kentucky, and Tennessee; 27518, New Hampshire, Massachusetts, Indiana, Michigan, Delaware, Virginia, North Carolina, and Kentucky; 27521, Kansas and Kentucky; 27522, Nebraska, Virginia, and Hawaii; 27523, Colorado and Oregon; 27524, Nevada; 27525, Hawaii; 27527, New Hampshire, Rhode Island, Virginia, and West Virginia; 27530, Rhode Island, West Virginia, Kentucky, and Alabama; 27611, Maine, New Hampshire, Vermont, Michigan, Iowa, Maryland, Kentucky, Tennessee, Alabama, Arkansas, Texas, and Washington; 27612, New Hampshire, Massachusetts, Nebraska, Maryland, and the District of Columbia; 27613, New York, Pennsylvania, Illinois, Michigan, Missouri, Kansas, Maryland, Virginia, Kentucky, and Texas.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 6E. Receipts for Commercial Printing: 1963 and 1958

Product	Total		1963			
	1963	1958	Letter-press	Litho-graphic	Gravure	Screen
Total commercial printing.....	4,736,654	3,781,031	2,337,385	2,025,209	304,835	69,225
Magazine and periodicals printing:						
Magazine and periodicals.....	720,094	580,049	530,922	136,052	53,120	(X)
Magazine and comic supplements for Sunday newspapers.....	91,866		43,055	2,495	46,316	(X)
Labels, custom and stock printed including bordered, made of paper or foil:						
Flat, except pressure sensitive.....	¹ 258,822	260,869	¹ 118,894	¹ 117,751	22,177	(X)
Roll, except pressure sensitive.....	¹ 50,411	43,160	¹ 16,338	¹ 1,930	32,143	10,920
Decal.....	¹ 15,472	15,546	¹ 1,504	¹ 3,048	(X)	
Pressure sensitive.....	¹ 36,475	(¹)	¹ 30,491	¹ 5,984	(X)	
Wrappers or wraps, printed rolls and sheets (except oiled, waxed, laminated or coated structures):						
Cellophane.....	57,747	(²)	57,747	(²)	(²)	(X)
Paper.....	54,781	62,443	19,376	11,093	24,312	(X)
Other, including polyethylene.....	46,430	² 104,381	38,426	¹ 1,370	² 6,634	(X)
Labels and wrappers, not reported separately.....	20,266	(NA)	14,099	6,167	(X)	(X)
Catalogs and directories printing:						
Catalogs.....	364,706	252,406	70,282	130,913	50,732	(X)
Directories.....			72,991	25,860		(X)
Catalogs and directories, not reported separately.....			5,432	8,496		(X)
Financial and legal printing:						
Financial and legal printing, including insurance forms, security certificates, SEC filings, prospect uses, briefs, etc.....	201,911	122,755	58,047	48,748	2,874	(X)
Bank printing, including deposit slips, counter checks, business checks, imprinting of bank checks, etc.....			28,704	42,793		
Bank form printing, including printing of pass books, debits and credit slips, ledger and statement sheets, including the printing of installment loan coupon books, etc.....			10,550	10,195		
Financial and legal, not reported separately.....			13,972	7,196		
Advertising printing:						
Direct mail.....	418,572	446,138	125,136	293,436	(X)	(X)
Display advertising.....	175,115	154,927	29,570	127,845	(X)	17,700
Other advertising printing.....	331,573	319,279	77,983	239,023	8,348	6,219
Advertising printing, not reported separately.....	104,954	41,486	43,675	61,279	(X)	(X)
Other general job printing:						
Scientific and technical recording charts and chart paper.....	14,062	(NA)	8,965	5,097	(X)	(X)
Seals, all types.....	13,753	15,823	5,787	7,966	(X)	(X)
Picture post cards and souvenir cards.....	7,218	5,902	2,501	4,717	(X)	(X)
Newspapers, ready prints, etc.....	92,882	³ 116,679	³ 69,242	³ 19,165	4,475	(X)
Decalcomanias.....	19,377	20,394	(⁵)	10,559	(X)	8,818
Business forms other than manifold.....	240,678	160,307	125,900	114,778	(X)	(X)
Tags, printed, including embossing.....	46,880	30,474	43,033	3,847	(X)	(X)
Playing cards.....	25,506	22,361	6,333	19,173	(X)	(X)
Tickets, including transportation and amusement.....	31,843	25,881	16,714	(X)	(X)	(X)
Food and beverage checks.....			5,291	6,883	(X)	(X)
Coupons.....			2,955	(X)	(X)	(X)
Printing on metal.....			2,105	38,699	(X)	(X)
Calendars and calendar pads.....	55,457	64,455	31,000	24,457	(X)	(X)
Maps, atlases, and globe covers.....	11,996	7,552	(⁴)	11,996	(X)	(X)
Art reproductions and picture prints.....	20,404	(NA)	(X)	18,373	577	1,454
All other general commercial printing, including job printing and general commercial printing, n.s.k.....	667,794	460,069	⁴ 5397,226	232,015	27,076	11,477
Commercial printing, n.s.k.....	330,487	357,968	213,139	96,308	8,403	12,637
Gravure plates and cylinders.....	17,648	14,645	(X)	(X)	17,648	(X)
Lithographic plates.....	129,502	67,952	(X)	129,502	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Data for pressure sensitive labels were not collected in the 1958 Census of Manufactures. It appears that producers of these products reported them as either flat or roll labels.

²Data for cellophane and other, including polyethylene wrappers and wraps are combined to avoid disclosing the figures for individual companies.

³Does not include receipts for newspaper printing by establishments with less than 10 employees.

⁴In 1963, data for this product are included with "All other general commercial printing, including job printing."

⁵An insignificant amount reported for this product is included with the figure for, "All other general commercial printing, including job printing and general commercial printing, not specified by kind."

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Unit of measure	1963						1958 total delivered cost (\$1,000)
			Total		Letterpress and screen (275117)		Gravure (275115)		
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	
	Materials, parts, and supplies, total.....		(X)	912,358	(X)	799,695	(X)	112,663	1862,560
262112	Newsprint.....		(X)	67,976	(X)	51,572	(X)	16,404	74,408
262101	All other paper.....		(X)	354,880	(X)	322,212	(X)	32,668	
263151	Paperboard (exclude that used for shipping)....		(X)	14,899	(X)	9,564	(X)	5,335	
289301	Printing inks.....	1,000 lbs.	160,140	64,919	107,860	46,269	52,280	18,650	418,511
262158	Carbonizing tissue stock for conversion by the printer into one-time carbon paper.....								
395500	One-time carbon paper; purchased or withdrawn from previous year by the printer.....	Short tons	953	409	953	409	(X)	(X)	
	Consumption of one-time carbon paper and printing inks produced and consumed in this industry:	...do....	1,259	971	1,259	971	(X)	(X)	2369,641
395500	One-time carbon paper, produced and consumed in this industry.....	...do....	4,029	(X)	4,029	(X)	(X)	(X)	
289301	Printing inks, complete formulations.....	1,000 lbs.	(NA)	(X)	160,365	(X)	(D)	(X)	
976000	Materials, n.s.k.....		(X)	235,505	(X)	3230,096	(X)	35,409	
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	172,799	(X)	138,602	(X)	34,197	

Code	Material	Unit of measure	1963		1958 delivered cost (\$1,000)
			Quantity	Delivered cost (\$1,000)	
	Materials, parts, and supplies, total.....		(X)	673,715	423,692
262112	Newsprint.....		(NA)	14,728	9,052
262101	All other paper.....		(NA)	350,923	
213151	Paperboard (exclude that used for shipping).....		(NA)	8,202	
289301	Printing inks.....	1,000 pounds....	22,532	31,532	(NA)
262158	Carbonizing tissue stock for conversion by the printer into one-time carbon paper.....	Short tons.....	(D)	(4)	(NA)
395500	One-time carbon paper; purchased or withdrawn from previous year's inventory by the printer.....	...do.....	3,612	2,661	(NA)
	Consumption of one-time carbon paper and printing inks produced and consumed in this industry:				
395500	One-time carbon paper, produced and consumed in this industry.....	...do.....	14,769	(X)	(NA)
289301	Printing inks, complete formulations.....	1,000 pounds....	291,036	(X)	(NA)
976000	Materials, n.s.k. ²		(NA)	119,887	32,729
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(NA)	3145,782	133,011
	Materials, parts, and supplies, total.....		(X)	25,420	18,903
262112	Newsprint.....		(X)	(1)	-
262101	All other paper.....		(NA)	59,553	
263151	Paperboard (exclude that used for shipping).....		(NA)	(S)	
289301	Printing inks.....	1,000 pounds....	583	507	7,887
976000	Materials, n.s.k.....		(NA)	310,029	
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....		(X)	5,331	
	Materials, containers, and supplies, total.....		(X)	232,889	141,638
262112	Newsprint.....		(NA)	4,127	5,319
262101	All other paper.....		(NA)	140,675	
263151	Paperboard.....		(NA)	2,006	

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Unit of measure	1963		1958 delivered cost (\$1,000)
			Quantity	Delivered cost (\$1,000)	
			INDUSTRY 2761.—MANIFOLD BUSINESS FORMS—Continued		
289301	Printing inks.....	1,000 pounds...	4,114	3,533	(NA)
262158	Carbonizing tissue stock for conversion by the printer into one-time carbon paper.....	Short tons.....	46,354	21,114	(NA)
395500	One-time carbon paper; purchased or withdrawn from previous year's inventory by the printer.....	...do.....	36,566	23,038	(NA)
	Consumption of one-time carbon paper and printing inks produced and consumed in this industry:				
395500	One-time carbon paper, produced and consumed in this industry.....	...do.....	41,614	(X)	(NA)
289301	Printing inks, complete formulations.....	1,000 pounds...	1,314	(X)	(NA)
976000	Materials, n.s.k.....	.....	(X)	³ 10,227	17,378
970099	All other materials and components, parts, containers, and supplies consumed; including metal type, etc.....	.....	(X)	28,169	18,842

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

¹In 1958, material consumption data were not collected for the subindustries of gravure printing, and letterpress screen printing, therefore the 1958 data shown in subindustries letterpress and screen printing represents the total consumption for industry 2751 Printing, Except Lithographic.

²Includes \$79,926 thousand which represents materials not specified by kind and reported by small establishments unable to furnish greater detail.

³Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested, and (b) total cost of materials reported for those establishments which failed to report cost of individual materials on "standard forms."

⁴The cost of "Carbonizing tissue stock for conversion into one-time carbon paper," has been included with the cost figure for "All other materials and components, parts, containers, and supplies", consumed by this industry in order to avoid disclosing individual company data.

⁵An insignificant amount was reported and is included with the figure for all other paper.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Printing, except lithographic (SIC 2751)	Printing, lithographic (SIC 2752)	Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)
Total cost of purchased fuels and electric energy.....\$1,000..	24,109	14,421	1,014	2,603
Total cost of purchased fuels.....do....	7,826	3,844	122	637
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	51	22	(S)	(S)
Cost.....\$1,000..	556	184	(S)	(S)
Coke and breeze:				
Quantity.....1,000 short tons..	-	-	-	-
Cost.....\$1,000..	-	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	521	168	15	55
Cost.....\$1,000..	1,970	772	52	216
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	5,895	2,714	(S)	396
Cost.....\$1,000..	3,724	1,807	(S)	296
Other fuels.....do....	1,576	1,081	28	119
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	1,013	536	(S)	130
Cost.....\$1,000..	16,283	10,577	(S)	1,966
Generated less sold.....million kw.-hrs..	-	(S)	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	408	254	-	55
Prime movers, total.....do....	9	9	-	1
Driving generators.....do....	4	7	-	(Z)
Not driving generators.....do....	5	2	-	1
Electric motors, total.....do....	399	246	-	54
Driven by purchased energy.....do....	399	245	-	54
Driven by energy generated at establishment.....do....	-	1	-	-
Aggregate horsepower per 100 production workers.....	268	320	-	288

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

**TABLE 7C. Newsprint and Other Paper and Board Consumed by
Printing Establishments, by Geographic Areas: 1963**

(In thousands of dollars)

Geographic area	Total			Printing except lithographic (SIC 2751)			Printing lithographic (SIC 2752)			Engraving and plate printing (SIC 2753)	Manifold business forms (SIC 2761)		
	Newsprint	Other paper	Paper-board	Newsprint	Other paper	Paper-board	Newsprint	Other paper	Paper-board	Newsprint and all other paper and board	Newsprint	Other paper	Paper-board
United States, total ¹	86,831	856,031	25,107	67,976	354,880	14,899	14,728	350,923	8,202	9,553	4,127	140,675	2,006
New England.....	8,255	45,700	922	4,770	18,894	541	3,449	18,267	348	637	36	7,902	33
Maine.....	22	1,133	20	16	392	14	-	315	-	-	6	426	6
New Hampshire.....	186	2,643	-	186	1,944	-	-	33	-	-	-	666	-
Vermont.....	1	1,160	-	-	225	-	1	110	-	-	-	825	-
Massachusetts.....	3,271	24,095	521	493	8,411	224	2,748	12,594	270	324	30	2,766	27
Rhode Island.....	764	2,529	134	697	1,133	133	67	1,216	1	-	-	180	-
Connecticut.....	4,011	14,140	247	3,378	6,789	170	633	3,999	77	313	-	3,039	-
Middle Atlantic.....	27,759	235,699	7,498	24,841	110,809	4,650	2,766	92,870	2,828	3,680	152	28,340	20
New York.....	8,606	125,350	4,844	7,916	47,507	2,635	538	60,106	2,194	3,150	152	14,587	15
New Jersey.....	3,090	33,041	784	2,555	15,440	503	535	12,916	281	67	-	4,618	-
Pennsylvania.....	16,063	77,308	1,870	14,370	47,862	1,512	1,693	19,848	353	463	-	9,135	5
East North Central.....	18,668	281,379	8,955	12,894	119,038	4,347	2,890	114,958	2,950	926	2,884	46,457	1,658
Ohio.....	3,349	87,643	3,399	1,855	44,789	488	1,248	22,323	1,706	166	246	20,365	1,205
Indiana.....	603	15,907	176	585	6,925	54	18	5,460	120	103	-	3,419	2
Illinois.....	11,712	120,492	1,930	8,525	49,186	643	715	53,217	910	629	2,472	17,460	377
Michigan.....	1,824	31,234	541	864	8,328	279	794	19,462	188	28	166	3,416	74
Wisconsin.....	1,180	26,103	2,909	1,065	9,810	2,883	115	14,496	26	-	-	1,797	-
West North Central.....	8,504	62,780	2,089	6,740	19,191	1,382	1,675	35,184	652	408	89	7,997	55
Minnesota.....	1,730	20,681	743	728	3,577	566	1,002	16,068	177	212	-	824	-
Iowa.....	11	6,149	104	11	2,650	96	-	1,458	8	-	-	2,041	-
Missouri.....	5,378	22,703	610	5,299	7,982	353	79	11,484	251	196	-	3,041	6
North Dakota.....	3	187	-	-	34	-	3	153	-	-	-	-	-
South Dakota.....	6	464	6	-	315	-	6	149	6	-	-	-	-
Nebraska.....	538	7,804	536	238	3,886	364	300	3,747	160	-	-	171	12
Kansas.....	838	4,792	90	464	747	3	885	2,125	50	-	89	1,920	37
South Atlantic.....	5,176	68,277	2,853	3,724	30,430	2,628	1,161	25,101	186	601	291	12,145	39
Delaware.....	542	1,513	-	541	371	-	1	1,010	-	-	-	132	-
Maryland.....	1,797	18,907	489	1,210	3,674	364	327	8,792	125	143	260	6,298	-
District of Columbia.....	622	7,192	5	622	4,691	5	-	2,351	-	150	-	-	-
Virginia.....	1,123	12,249	42	640	5,814	10	453	4,634	-	-	30	1,801	32
West Virginia.....	45	820	-	45	274	-	-	546	-	-	-	-	-
North Carolina.....	95	7,969	2,045	95	5,167	2,039	-	1,228	6	173	-	1,401	-
South Carolina.....	41	1,359	9	13	1,012	4	28	335	5	12	-	-	-
Georgia.....	178	11,615	151	40	7,379	125	137	3,049	19	81	1	1,106	7
Florida.....	733	6,653	112	518	2,048	81	215	3,156	31	42	-	1,407	-
East South Central.....	3,042	31,618	563	2,659	14,848	125	298	12,045	385	644	85	4,081	53
Kentucky.....	1,390	8,422	57	1,364	5,732	26	1	1,532	-	69	25	1,089	31
Tennessee.....	496	15,588	440	199	7,366	54	297	6,723	385	263	-	1,236	1
Alabama.....	1,086	6,819	9	1,086	1,277	-	-	3,623	-	312	-	1,607	9
Mississippi.....	70	789	57	10	473	45	-	167	-	-	60	149	12
West South Central.....	4,894	35,400	668	3,878	11,140	227	865	11,520	344	674	151	12,066	97
Arkansas.....	12	3,391	147	5	1,000	118	7	495	29	-	-	1,896	-
Louisiana.....	158	2,405	53	2	1,160	41	156	1,039	12	-	-	206	-
Oklahoma.....	152	3,062	18	57	714	3	95	2,290	15	-	-	58	-
Texas.....	4,572	26,542	450	3,814	8,266	65	607	7,696	288	674	151	9,906	97
Mountain.....	691	12,495	75	277	4,881	65	414	6,638	10	216	-	760	-
Montana.....	1	239	-	-	194	-	1	45	-	-	-	-	-
Idaho.....	6	234	24	6	160	24	-	34	-	-	-	40	-
Wyoming.....	1	187	-	1	168	-	-	19	-	-	-	-	-
Colorado.....	670	5,157	33	260	955	25	410	3,567	8	216	-	419	-
New Mexico.....	1	579	-	-	231	-	1	348	-	-	-	-	-
Arizona.....	2	2,215	10	1	679	10	1	1,235	-	-	-	301	-
Utah.....	4	3,417	7	3	2,456	6	1	961	1	-	-	-	-
Nevada.....	6	467	1	6	38	-	-	429	1	-	-	-	-
Pacific.....	9,842	82,683	1,484	8,193	25,649	934	1,210	34,340	499	1,767	439	20,927	51
Washington.....	460	4,469	18	326	1,451	10	134	2,611	8	-	-	407	-
Oregon.....	269	3,873	27	168	425	2	101	1,836	2	64	-	1,548	23
California.....	9,066	72,698	1,435	7,694	23,655	922	933	28,368	485	1,703	439	18,972	28
Alaska.....	-	62	-	-	62	-	-	-	-	-	-	-	-
Hawaii.....	47	1,581	4	5	56	-	42	1,525	4	-	-	-	-

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹This table does not include any cost of paper or board for the small establishments (generally those establishments with less than 10 employees) which were not requested to report their cost of materials by type of material consumed.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2751-	PRINTING, EXCEPT LITHOGRAPHIC										
	Entire industry.....	12,109	170,215	1,007,469	136,118	264,230	762,732	1,578,275	1,092,418	2,645,051	99,228
	Establishments with—										
	90% or more specialization..	9,290	106,057	612,071	86,984	166,873	478,480	976,662	674,699	1,632,634	56,220
	75-89% specialization.....	808	19,438	119,921	15,732	30,977	92,018	179,525	124,902	302,438	15,567
27511	Magazines and periodical printing (letterpress) (primary product class of estab.).....	462	48,023	324,687	40,824	80,120	263,898	458,010	305,623	756,356	33,388
	Establishments with—										
	90% or more specialization....	156	14,067	85,937	12,455	23,548	74,862	124,393	101,335	223,529	5,012
	75-89% specialization.....	62	8,596	56,489	7,452	15,661	48,058	74,480	53,478	127,377	10,713
27512	Labels and wrappers printing (letterpress) (primary product class of estab.).....	443	11,725	68,620	9,114	18,460	48,562	121,428	124,761	244,591	8,757
	Establishments with—										
	90% or more specialization....	205	5,407	29,776	4,303	8,615	21,621	54,870	52,961	107,353	2,473
	75-89% specialization.....	38	1,003	6,261	766	1,563	4,224	12,270	15,119	27,367	1,517
27513	Catalogs and directories printing (letterpress) (primary product class of estab.).....	141	5,351	33,079	4,232	7,248	23,873	50,163	38,346	89,295	2,129
	Establishments with—										
	90% or more specialization....	37	1,318	7,698	1,128	1,780	6,138	11,778	14,210	26,855	716
	75-89% specialization.....	5	170	968	145	293	811	1,181	750	1,887	(D)
27514	Financial and legal printing (letterpress) (primary product class of estab.).....	347	7,508	44,355	6,042	11,669	33,115	68,269	27,854	95,887	2,809
	Establishments with—										
	90% or more specialization....	141	3,410	19,919	2,764	5,347	14,974	30,691	10,940	41,784	1,237
	75-89% specialization.....	24	326	1,782	276	515	1,392	2,445	1,211	3,613	131
27515	Advertising printing (letterpress) (primary product class of estab.)	1,314	14,085	85,471	10,655	20,997	58,974	135,749	98,954	232,140	7,848
	Establishments with—										
	90% or more specialization....	560	4,129	23,870	3,213	6,241	17,152	40,876	30,078	70,164	2,128
	75-89% specialization.....	109	1,469	8,761	1,195	2,396	6,682	14,374	7,613	21,314	701
27516	Other general job printing (letterpress) (primary product class of estab.).....	4,687	47,342	247,396	36,158	69,615	176,614	384,045	260,407	634,972	21,619
	Establishments with—										
	90% or more specialization....	2,433	19,039	95,638	15,140	28,981	71,716	165,194	105,155	264,037	9,795
	75-89% specialization.....	464	5,402	28,572	4,112	7,873	19,877	44,887	29,931	73,802	2,254
27517	Publication printing (gravure) (primary product class of estab.)	53	6,994	54,356	6,307	11,430	48,800	80,124	44,778	124,440	4,099
	Establishments with—										
	90% or more specialization....	33	6,071	46,955	5,499	9,875	42,412	68,809	39,593	108,019	3,541
27518	Other gravure printing (primary product class of estab.).....	114	6,520	43,661	4,824	9,716	30,100	69,695	74,201	144,074	4,168
	Establishments with—										
	90% or more specialization....	79	2,054	13,566	1,709	3,508	10,542	26,241	22,087	48,334	1,625
	75-89% specialization.....	6	478	2,743	383	738	2,107	5,772	7,229	12,833	159
27519	Screen process printing, except textiles (primary product class of estab.).....	393	5,714	30,776	4,334	8,712	19,764	48,801	24,554	72,851	2,089
	Establishments with—										
	90% or more specialization....	354	4,372	22,324	3,448	6,874	15,123	36,342	18,731	54,664	1,610
	75-89% specialization.....	15	256	1,427	188	373	908	2,511	1,297	3,712	109
2752-	PRINTING, LITHOGRAPHIC										
	Entire industry.....	6,882	121,072	794,353	91,358	187,293	554,932	1,302,046	852,266	2,149,651	76,877
	Establishments with—										
	90% or more specialization..	4,176	48,272	317,324	37,706	79,193	230,356	543,283	373,195	915,818	32,739
	75-89% specialization.....	792	22,667	158,862	17,020	34,281	107,603	255,657	179,595	435,191	14,551

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2752-	PRINTING, LITHOGRAPHIC—Continued										
27521	Magazines and periodicals, printing only (primary product class of estab.).....	173	7,141	45,385	5,706	11,488	35,008	73,834	50,055	123,057	7,701
	Establishments with—										
	90% or more specialization....	35	933	4,039	815	1,667	3,293	8,735	4,273	12,982	641
	75-89% specialization.....	20	637	4,136	499	1,047	3,248	6,544	6,252	12,794	279
27522	Labels and wrappers printing (primary product class of estab.)	174	8,171	55,189	6,478	12,997	39,751	95,642	65,764	160,414	5,164
	Establishments with—										
	90% or more specialization....	52	1,482	9,378	1,204	2,522	6,974	16,861	13,864	30,552	935
	75-89% specialization.....	21	900	5,125	722	1,582	3,834	11,053	7,230	18,011	549
27523	Catalogs and directories printing (primary product class of estab.)	219	7,812	52,464	6,023	12,248	37,453	81,916	54,015	136,673	4,138
	Establishments with—										
	90% or more specialization....	38	528	2,899	401	862	2,203	5,437	2,905	8,335	249
	75-89% specialization.....	9	110	745	83	158	531	1,101	646	1,736	148
27524	Financial and legal printing (primary product class of estab.)	228	6,786	41,469	5,073	10,204	28,383	72,037	37,701	109,526	3,970
	Establishments with—										
	90% or more specialization....	61	1,260	7,717	938	1,898	5,183	13,092	6,452	19,596	458
	75-89% specialization.....	18	331	2,324	274	617	1,647	2,644	2,391	4,950	1,109
27525	Advertising printing (primary product class of estab.).....	2,160	47,348	335,165	35,861	73,025	230,965	532,941	381,108	912,942	32,950
	Establishments with—										
	90% or more specialization....	636	9,705	69,926	7,575	16,050	49,855	109,223	79,214	189,116	7,157
	75-89% specialization.....	274	5,566	42,086	4,174	8,466	28,646	66,796	49,303	115,866	5,441
27526	Other commercial printing (primary product class of estab.).....	2,054	31,172	183,048	22,446	46,221	121,504	302,346	194,847	494,745	14,245
	Establishments with—										
	90% or more specialization....	758	7,226	40,968	5,671	11,973	29,753	70,879	65,173	135,913	4,122
	75-89% specialization.....	201	2,545	14,710	1,889	3,827	10,014	25,359	14,603	39,630	1,397
27527	Lithographic plates made for others (primary product class of estab.).....	503	6,522	48,572	4,910	10,218	36,480	86,392	33,380	119,060	3,518
	Establishments with—										
	90% or more specialization....	435	4,700	36,309	3,668	7,776	28,414	65,204	23,608	88,221	2,567
	75-89% specialization.....	20	486	3,046	313	628	1,826	6,203	2,974	9,123	318
2753-	ENGRAVING AND PLATE PRINTING										
	Entire industry.....	580	9,022	50,703	7,126	13,812	38,164	80,748	31,078	111,138	3,836
	Establishments with—										
	90% or more specialization..	514	6,603	36,767	5,313	10,143	23,408	56,671	22,218	78,459	2,033
	75-89% specialization.....	22	784	4,487	572	1,160	2,877	7,507	2,663	10,191	218
2761-	MANIFOLD BUSINESS FORMS										
	Entire industry.....	502	28,796	173,238	21,259	43,296	116,680	377,710	259,263	637,673	23,084
	Establishments with—										
	90% or more specialization..	375	19,473	114,778	14,291	29,104	77,322	262,453	186,803	449,101	16,389
	75-89% specialization.....	28	3,222	21,753	2,473	5,114	15,662	45,840	26,305	72,281	2,562
27611	Manifold business forms, continuous (primary product class of estab.).....	147	14,398	90,104	10,611	21,788	61,550	209,877	143,683	353,693	12,783
	Establishments with—										
	90% or more specialization....	74	3,780	23,525	2,782	5,698	15,844	59,417	43,221	102,303	4,956
	75-89% specialization.....	17	3,466	25,100	2,630	5,331	18,018	54,048	36,319	90,164	3,070
27612	Manifold business forms, unit-set (primary product class of estab.)	206	12,141	71,300	8,900	17,915	46,791	142,280	100,568	243,478	8,465
	Establishments with—										
	90% or more specialization....	79	2,909	15,165	2,240	4,555	10,401	37,393	27,308	64,784	3,323
	75-89% specialization.....	32	1,940	10,404	1,541	3,130	7,484	18,649	13,920	32,945	1,242
27613	Manifold business forms, sales books and others (primary product class of estab.).....	17	1,588	8,765	1,206	2,520	6,007	18,995	10,546	29,630	1,330
	Establishments with—										
	90% or more specialization....	8	259	1,176	232	469	987	4,081	1,211	5,289	209

Standard Notes: - Represents zero.
applicable.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

**TABLE 9. Printing Activity in the Converted Paper and Board Industries,
by Geographic Areas: 1963**

Code	Industries	Number of establishments reporting printing activity	Number of production workers engaged	Number of printing presses operated by type of press						
				Letter-press	Litho-graphic	Gravure	Flexo-graphic	Screen	Engraving	Other ¹
	Total all paper and board converting industries except containers and boxes.....	715	12,288	3,267	471	162	1,573	49	65	765
2641	Paper coating and glazing, total.....	94	2,370	212	13	72	174	3	-	133
	New England.....	18	222	26	1	14	24	-	-	8
	Middle Atlantic.....	22	220	17	-	20	50	-	-	20
	East North Central.....	29	1,401	100	7	30	62	1	-	103
	West North Central.....	3	97	13	-	3	6	-	-	-
	South Atlantic.....	5	90	8	-	2	8	-	-	-
	East South Central.....	1	(D)	1	-	-	-	-	-	-
	West South Central.....	3	(D)	13	3	-	13	-	-	-
	Pacific.....	13	210	34	2	3	11	2	-	2
2642	Envelopes, total.....	154	2,215	1,500	88	2	320	-	3	144
	New England.....	13	242	199	2	2	13	-	-	33
	Middle Atlantic.....	38	483	303	12	-	81	-	2	50
	East North Central.....	32	646	473	30	-	91	-	1	21
	West North Central.....	17	232	137	11	-	39	-	-	8
	South Atlantic.....	18	200	130	6	-	35	-	-	1
	East South Central.....	4	41	28	6	-	7	-	-	1
	West South Central.....	9	100	62	7	-	7	-	-	2
	Mountain.....	3	48	26	2	-	5	-	-	2
	Pacific.....	20	223	142	12	-	42	-	-	26
2643	Bags, except textile bags, total.....	219	3,301	262	82	28	973	11	13	158
	New England.....	12	111	19	11	-	50	-	-	-
	Middle Atlantic.....	44	508	45	5	5	213	7	-	48
	East North Central.....	44	634	17	2	9	139	4	4	30
	West North Central.....	18	223	24	20	1	21	-	-	21
	South Atlantic.....	27	687	90	8	2	150	-	-	12
	East South Central.....	16	343	18	21	1	145	-	2	9
	West South Central.....	23	401	36	7	4	160	-	-	15
	Mountain.....	1	(D)	-	-	-	-	-	7	-
	Pacific.....	34	(D)	13	8	6	95	-	-	23
2644	Wallpaper, total.....	13	399	-	1	2	-	29	-	38
	New England.....	1	(D)	-	-	-	-	-	-	4
	Middle Atlantic.....	7	(D)	-	1	-	-	3	-	16
	East North Central.....	5	202	-	-	2	-	26	-	18
2645	Die-cut paper and board, total.....	91	1,795	753	143	17	8	2	2	130
	New England.....	6	113	61	8	5	-	-	-	5
	Middle Atlantic.....	25	220	228	37	4	2	-	-	32
	East North Central.....	25	691	205	53	5	2	2	-	34
	West North Central.....	4	(D)	12	1	-	-	-	-	3
	South Atlantic.....	11	343	66	23	3	3	-	1	40
	East South Central.....	1	(D)	-	-	-	-	-	-	1
	West South Central.....	4	168	60	4	-	-	-	-	4
	Mountain.....	1	(D)	2	-	-	-	-	-	-
	Pacific.....	14	224	119	17	-	1	-	1	11
2646	Pressed and molded goods, total.....	8	101	5	11	-	7	2	-	15
	New England.....	3	45	-	-	-	5	-	-	14
	Middle Atlantic.....	2	(D)	-	-	-	-	2	-	1
	East North Central.....	2	(D)	5	8	-	2	-	-	-
	Pacific.....	1	(D)	-	3	-	-	-	-	-
2647	Sanitary paper products, total.....	26	365	69	28	2	21	-	2	18
	New England.....	5	105	25	1	-	3	-	-	2
	Middle Atlantic.....	4	(D)	4	-	-	4	-	-	1
	East North Central.....	10	120	25	22	-	4	-	-	6
	South Atlantic.....	1	(D)	-	-	2	-	-	2	-
	Pacific.....	6	115	15	5	-	10	-	-	9
2649	Paper and board products, n.e.c., total.....	110	1,742	466	105	39	70	2	45	129
	New England.....	13	241	46	15	10	3	-	22	17
	Middle Atlantic.....	42	380	194	23	5	7	-	6	69
	East North Central.....	26	516	124	29	14	18	2	6	26
	West North Central.....	4	340	28	9	6	16	-	-	-
	South Atlantic.....	8	111	17	14	-	11	-	8	11
	East South Central.....	3	24	18	3	-	1	-	-	1
	West South Central.....	3	77	15	10	-	-	-	-	5
	Pacific.....	11	53	24	2	4	14	-	3	-

See footnotes at end of table.

**TABLE 9. Printing Activity in the Converted Paper and Board Industries,
by Geographic Areas: 1963—Continued**

Code	Industries	Number of establishments reporting printing activity	Number of production workers engaged	Number of printing presses operated, by type of press						
				Letter-press	Litho-graphic	Gravure	Flexo-graphic	Screen	Engraving	Other
2651	Containers and boxes industries, total.....	1,150	19,468	3,717	559	118	555	44	31	1,308
	Folding paperboard boxes, total.....	348	8,831	1,912	258	77	70	4	9	152
	New England.....	49	1,040	275	28	5	2	2	3	14
	Middle Atlantic.....	85	2,443	514	76	17	14	1	-	57
	East North Central.....	92	2,931	590	65	25	15	-	3	45
	West North Central.....	18	292	79	21	3	4	1	-	5
	South Atlantic.....	32	1,281	156	29	16	13	-	3	14
	East South Central.....	12	132	44	3	3	2	-	-	3
	West South Central.....	19	179	72	9	2	-	-	-	6
	Mountain.....	3	29	23	-	-	1	-	-	-
	Pacific.....	38	504	159	27	6	19	-	-	8
2652	Set-up paperboard boxes, total.....	131	660	476	57	4	10	1	9	66
	New England.....	20	126	76	13	4	3	-	-	25
	Middle Atlantic.....	50	184	161	12	-	3	1	4	28
	East North Central.....	25	159	107	9	-	2	-	5	7
	West North Central.....	8	51	39	14	-	1	-	-	-
	South Atlantic.....	13	94	43	3	-	-	-	-	2
	East South Central.....	2	(D)	6	-	-	1	-	-	1
	West South Central.....	2	(D)	-	4	-	-	-	-	-
	Mountain.....	3	11	15	1	-	-	-	-	1
	Pacific.....	8	28	29	1	-	-	-	-	2
2653	Corrugated shipping containers, total.....	510	6,947	997	66	4	96	-	6	984
	New England.....	34	421	45	-	-	-	-	-	59
	Middle Atlantic.....	101	1,515	547	14	1	29	-	-	184
	East North Central.....	159	2,119	175	23	-	20	-	3	315
	West North Central.....	44	505	66	2	-	1	-	2	66
	South Atlantic.....	63	892	45	10	3	13	-	-	142
	East South Central.....	20	333	21	3	-	-	-	1	46
	West South Central.....	27	379	35	5	-	13	-	-	35
	Mountain.....	7	43	6	-	-	2	-	-	5
	Pacific.....	55	740	57	9	-	18	-	-	132
2654	Sanitary food containers, total.....	112	2,892	318	175	33	359	-	7	68
	New England.....	9	97	12	2	1	35	-	-	7
	Middle Atlantic.....	19	582	64	69	5	68	-	7	26
	East North Central.....	22	634	43	24	2	85	-	-	8
	West North Central.....	9	459	30	32	8	59	-	-	-
	South Atlantic.....	21	532	87	19	12	40	-	-	17
	East South Central.....	5	(D)	10	2	1	9	-	-	10
	West South Central.....	5	132	28	-	3	24	-	-	-
	Mountain.....	2	(D)	2	-	-	4	-	-	-
	Pacific.....	20	372	42	27	1	35	-	-	-
2655	Fiber cans, tubes, drums, etc., total.....	49	138	14	3	-	20	39	-	38
	New England.....	7	10	3	-	-	3	4	-	2
	Middle Atlantic.....	16	52	9	-	-	3	18	-	14
	East North Central.....	13	34	-	1	-	6	7	-	7
	West North Central.....	3	8	-	-	-	-	5	-	-
	South Atlantic.....	3	18	-	1	-	3	-	-	15
	East South Central.....	1	(D)	2	1	-	1	1	-	-
	West South Central.....	4	8	-	-	-	3	3	-	-
	Mountain.....	-	-	-	-	-	-	-	-	-
	Pacific.....	2	(D)	-	-	-	1	1	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Consists principally of slotter-printer equipment.

GREETING CARDS, BOOKBINDING, AND SERVICE INDUSTRIES

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2771—Greeting Card Manufacturing
- 2782—Blankbooks, Looseleaf Binders, and Devices
- 2789—Bookbinding and Miscellaneous Related Work
- 2791—Typesetting
- 2793—Photoengraving
- 2794—Electrotyping and Stereotyping

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries. For purposes of this report value of shipments (except for industry 2782) includes primarily value of receipts for services performed.

2771—GREETING CARD MANUFACTURING

This industry comprises establishments primarily engaged in designing only, manufacturing only, or designing and manufacturing greeting cards for all occasions. These products may be printed, lithographed, etched, or otherwise processed. For a detailed list of products of industry 2771, refer to table 6A, product codes 2771111 to 2771251.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Greeting Card Manufacturing Industry totaled \$346 million. This amount included shipments of publishers' sales and receipts from printing greeting cards for others (primary products) valued at \$296 million, shipments of other products (secondary products) valued at \$25 million, and miscellaneous receipts (mainly resales) at \$25 million.

This industry's receipts from publishing and printing greeting cards represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products of this industry in 1963 consisted mainly of wrapping products (gift wrap, etc.) (\$9 million) and lithographing (\$4 million).

Receipts from publishing and printing greeting cards by this industry in 1963 represented 96 percent of all shipments of these products (\$310 million) by all industries. In 1958 the

coverage ratio was 93 percent. Other industries reporting receipts from publishing and printing greeting cards consisted mainly of industry 2752, Printing, Lithographic; and industry 2751, Printing, Except Lithographic.

The production index for the primary products of the industry increased to 141 in 1963 from the 1958 level of 130. The unit value index for 1963 was 100 compared to 98 in 1958. Both indexes were computed on a basis of 1954 = 100.

2782—BLANKBOOKS, LOOSELEAF BINDERS AND DEVICES

This industry comprises establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders. For a detailed list of products of industry 2782, refer to table 6A, product codes 2782111 to 2782271.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Blankbooks and Looseleaf Binders Industry totaled \$268 million. This amount included receipts from blankbooks and looseleaf binders (primary products) valued at \$221 million, shipments of other products (secondary products) valued at \$31 million, and miscellaneous receipts (mainly resales) at \$16 million.

This industry's receipts from blankbooks and looseleaf binders represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 85 percent. Secondary products of this industry in 1963 consisted mainly of letterpress commercial printing (\$5 million), and other book and pamphlet binding and related binding work (\$3 million).

Receipts from blankbooks and looseleaf binders by this industry represented 88 percent of all shipments of these products (\$252 million) by all industries. In 1958 the coverage ratio was 84 percent. Other industries reporting blankbooks and looseleaf binders consisted mainly of industry 2752, Printing, Lithographic, \$10 million; and industry 2789, Bookbinding and Related Work, \$5 million.

2789—BOOKBINDING AND MISCELLANEOUS RELATED WORK

This industry comprises establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishments are classified in group 273. For a detailed list of products of industry 2789, refer to table 6A, product codes 2789113 to 2789291.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Bookbinding and Related Work Industry totaled \$228 million. This amount included receipts from bookbinding and miscellaneous related work (primary products) valued at \$203 million, shipments of other products (secondary products) valued at \$11 million, and miscellaneous receipts at \$15 million.

This industry's receipts from bookbinding and miscellaneous related work represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products of this industry in 1963 consisted mainly of blankbooks and looseleaf binders (\$5 million).

Receipts from bookbinding and related work by this industry represented 83 percent of all shipments of these products (\$243 million) by all industries. In 1958 the coverage ratio was 86 percent. Other industries reporting bookbinding and miscellaneous related work consisted mainly of industry 2732, Book Printing, \$13 million; and industry 2752, Printing, Lithographic, \$6 million.

2791—TYPESETTING

This industry comprises establishments primarily engaged in machine and hand typesetting for the trade, and in advertising typography.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Typesetting Industry totaled \$241 million. This amount included shipments of typesetting (primary products) valued at \$226 million, shipments of other products (secondary products) valued at \$11 million, and miscellaneous receipts (mainly resales) at \$4 million.

This industry's receipts from typesetting represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary activities of this industry in 1963 consisted mainly of electrotyping and stereotyping (\$3 million), and lithographing (\$2 million).

Receipts from typesetting by this industry represented 90 percent of all shipments of these products (\$250 million) by all industries. In 1958 the coverage ratio was 92 percent. Other industries reporting typesetting consisted mainly of industry 2732, Book Printing, \$9 million; and industry 2751, Printing, Except Lithographic, \$6 million.

2793—PHOTOENGRAVING

This industry comprises establishments primarily engaged in preparing photoengraved plates (halftones and line-cuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Photoengraving Industry totaled \$212 million. This amount included receipts from photoengraving (primary products) valued at \$196 million, shipments of other products (secondary products) valued at \$10 million, and miscellaneous receipts (mainly resales) at \$6 million.

This industry's receipts from photoengraving represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was also 95 percent. Secondary activities of this industry in 1963 consisted mainly of lithographing (\$6 million), and letterpress printing (\$2 million).

Receipts from photoengraving by this industry represented 91 percent of all shipments of these products (\$215 million) by all industries. In 1958 the coverage ratio was 93 percent. Other industries reporting photoengraving consisted mainly of industry 2711, Newspapers, \$7 million; and industry 2752, Printing, Lithographic, \$4 million. These data do not cover captive photoengraving operations of printing establishments classified in other industries.

2794—ELECTROTYPING AND STEREOTYPING

This industry comprises establishments primarily engaged in preparing electrotypes and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others. For a detailed list of products of industry 2794, refer to table 6A, product codes 2794011 to 2794051.

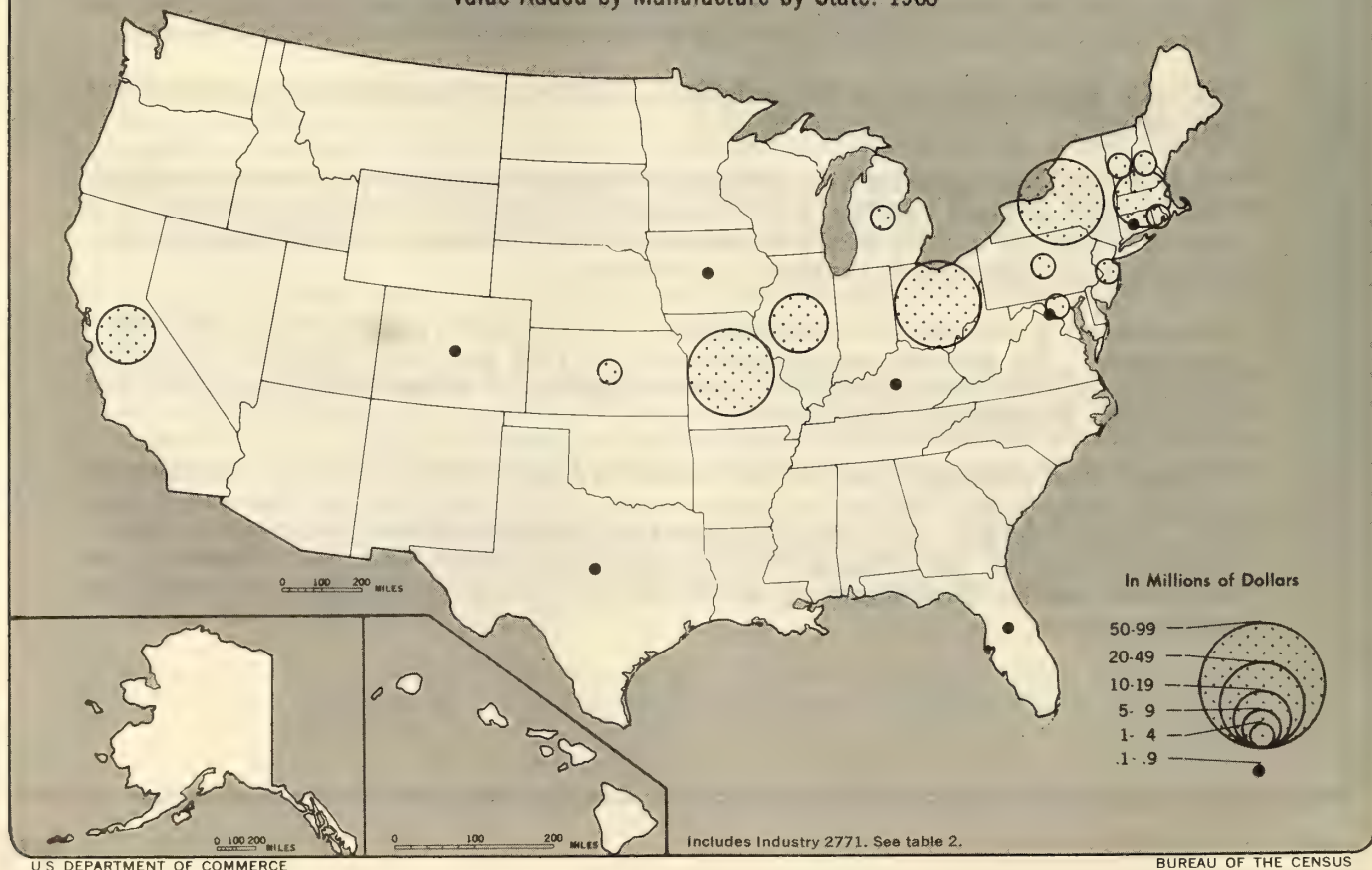
The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Electrotyping and Stereotyping Industry totaled \$76 million. This amount included receipts from electrotyping and stereotyping (primary products) valued at \$62 million, shipments of other products (secondary products) valued at \$9 million, and miscellaneous receipts (mainly resales) at \$5 million.

This industry's receipts from electrotyping and stereotyping represented 87 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary activities of this industry in 1963 consisted mainly of engraving and plate printing (\$5 million), and photoengraving (\$2 million).

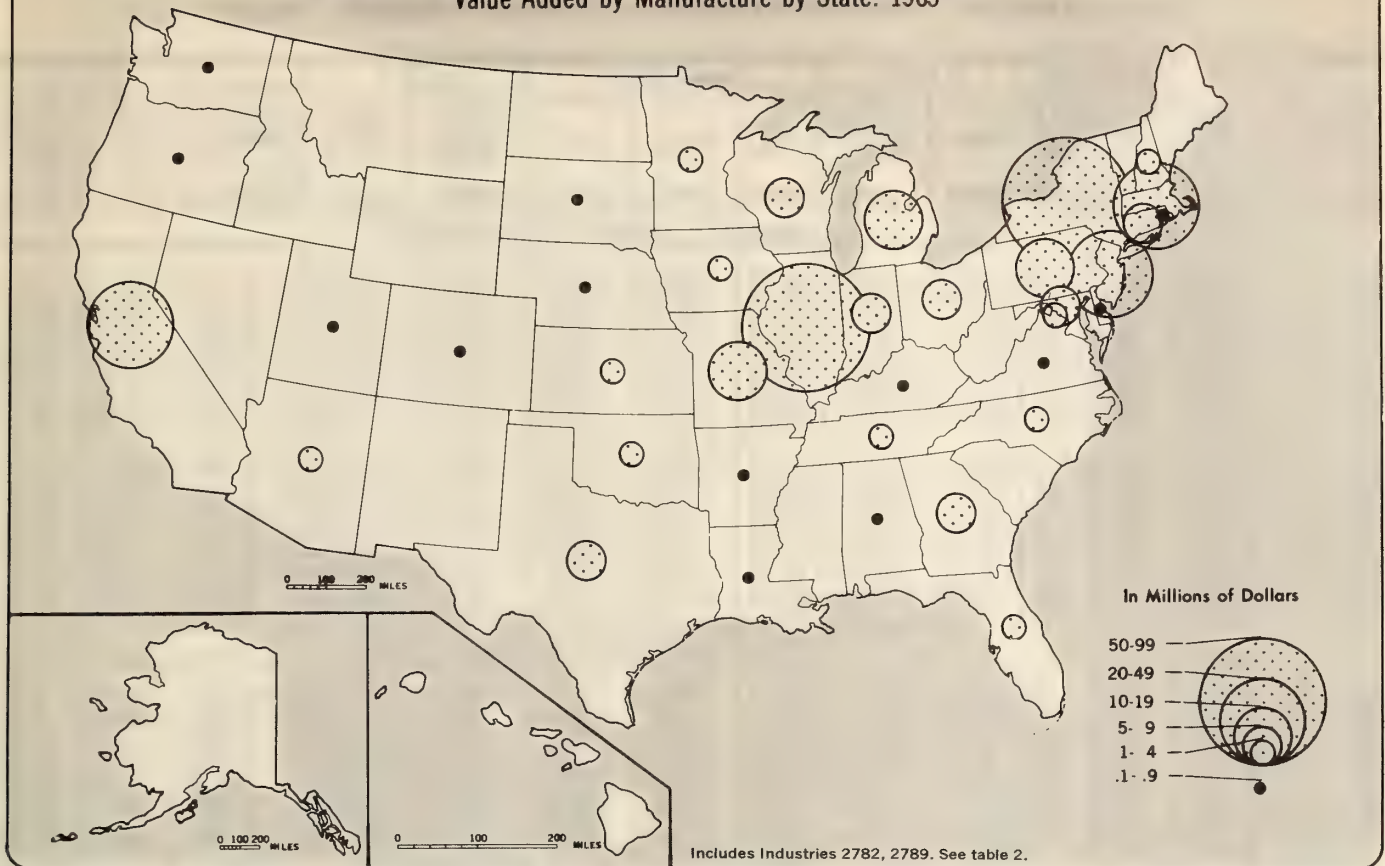
Receipts from electrotyping and stereotyping by this industry in 1963 represented 86 percent of all shipments of these products (\$72 million) by all industries. In 1958 the coverage ratio was 87 percent. Other industries reporting electrotyping and stereotyping consisted mainly of industry 2791, Typesetting, \$3 million; and industry 2751, Printing, Except Lithographic, \$2 million.

REETING CARD MANUFACTURING: SIC 277 Value Added by Manufacture by State: 1963



BOOKBINDING AND RELATED WORK: SIC 278

Value Added by Manufacture by State: 1963

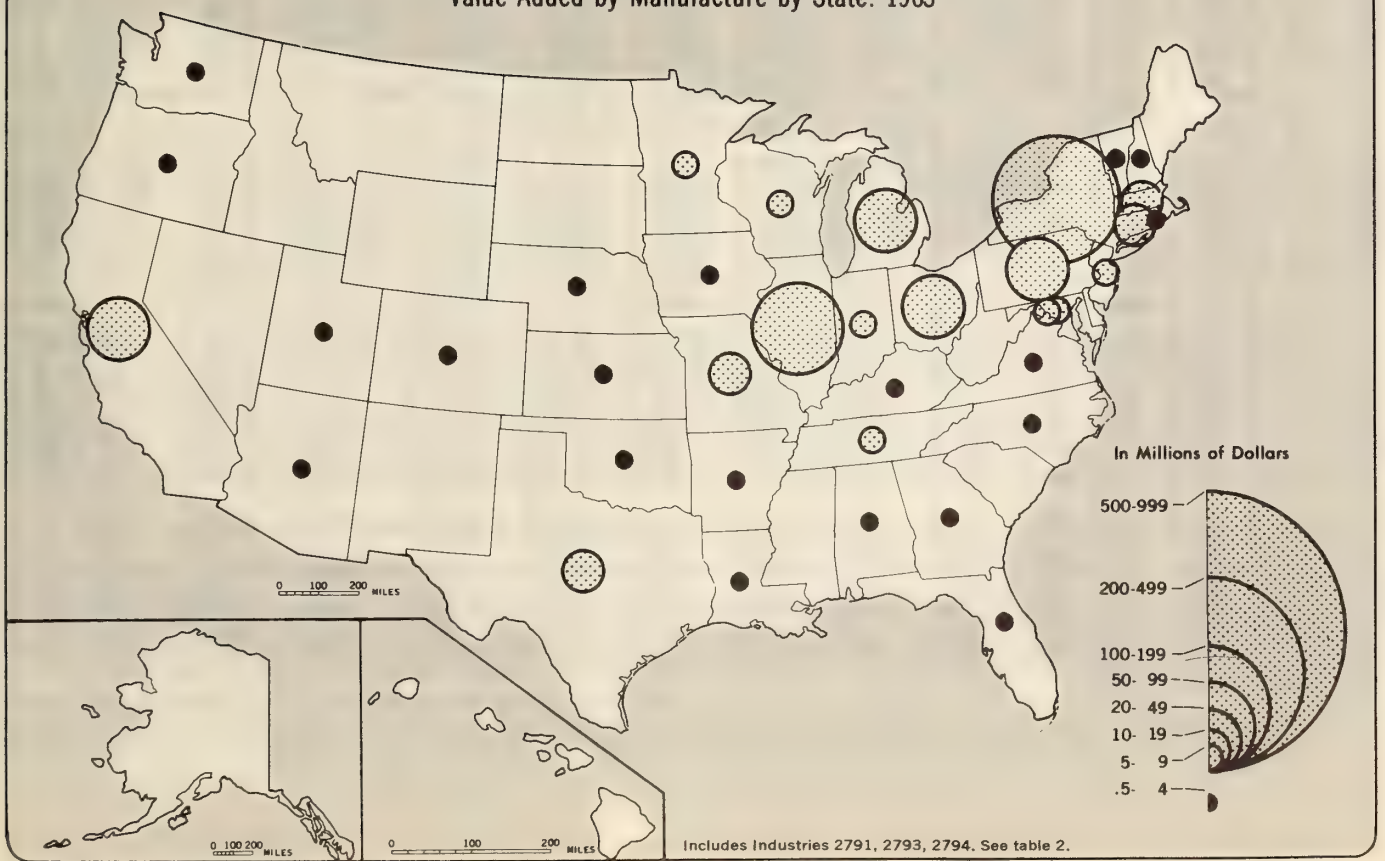


U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

PRINTING TRADES SERVICES: SIC 279

Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2771.—GREETING CARD MANUFACTURING														
1963.....	239	257	93	21,535	105,600	13,356	26,187	53,891	204,608	138,339	345,961	6,847	92	96
1962 ¹	(NA)	(NA)	(NA)	23,745	112,058	15,408	29,674	59,200	192,378	146,993	331,700	(5,615)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	23,163	107,010	14,590	29,417	55,537	187,689	136,250	321,254	(8,915)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	23,042	101,547	14,155	27,714	52,878	196,523	128,914	319,585	6,281	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	22,658	98,907	15,075	28,749	54,283	193,982	123,218	308,325	(7,629)	(NA)	(NA)
1958 ²	265	282	100	21,777	89,405	14,799	28,297	50,553	178,563	117,153	291,480	5,154	94	93
1957 ¹	(NA)	(NA)	(NA)	20,081	77,143	13,124	24,517	41,852	157,168	90,609	243,213	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	21,294	75,602	14,446	26,517	43,510	150,148	87,767	234,295	14,031	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	19,796	67,960	13,669	25,326	38,699	139,203	78,302	213,226	(S)	(NA)	(NA)
1954.....	280	294	100	21,347	70,434	15,297	28,624	41,960	134,615	85,723	220,339	8,809	93	89
1953 ¹	(NA)	(NA)	(NA)	16,846	58,749	12,115	(NA)	31,000	105,702	66,285	171,987	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	16,471	55,222	11,654	(NA)	33,698	91,893	45,631	137,524	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	16,342	53,485	11,518	(NA)	32,607	85,939	52,490	138,429	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	15,980	51,598	11,264	(NA)	29,978	82,425	43,878	126,303	(NA)	(NA)	(NA)
1947.....	161	162	(NA)	18,053	43,898	12,650	24,582	23,900	81,051	42,805	123,856	(NA)	92	87
1939.....	(NA)	109	(NA)	9,983	12,267	7,522	(NA)	7,264	24,225	15,490	39,715	(NA)	(NA)	(NA)
1937 ³	(NA)	79	(NA)	(NA)	(NA)	6,847	(NA)	6,491	19,490	10,146	29,636	(NA)	(NA)	(NA)
INDUSTRY 2782.—BLANKBOOKS; LOOSELEAF BINDERS														
1963.....	380	410	158	17,899	91,197	14,412	28,710	64,392	168,465	101,374	268,219	6,120	88	88
1958 ²	407	434	166	17,872	79,024	13,756	26,838	52,740	132,660	83,325	217,862	6,805	85	84
1957 ¹	(NA)	(NA)	(NA)	17,880	68,742	14,013	26,047	47,887	124,230	(NA)	199,649	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	18,053	66,618	14,102	26,570	46,708	114,959	73,928	188,389	4,494	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	16,816	61,937	12,982	25,438	42,173	102,183	69,296	170,053	(S)	(NA)	(NA)
1954.....	(NA)	488	122	16,823	60,779	13,281	26,084	41,548	98,895	63,649	162,546	3,087	(NA)	(NA)
1947.....	(NA)	436	(NA)	16,901	41,974	13,484	26,916	29,568	73,419	44,906	118,325	3,313	(NA)	(NA)
1939.....	(NA)	379	(NA)	(NA)	(NA)	9,090	(NA)	10,974	34,058	16,973	51,031	(NA)	(NA)	(NA)
INDUSTRY 2789.—BOOKBINDING AND RELATED WORK														
1963.....	1,038	1,043	311	24,338	114,977	21,664	40,849	92,900	172,298	57,501	228,477	7,994	95	83
1962 ¹	(NA)	(NA)	(NA)	23,618	104,457	22,330	38,795	82,389	154,263	59,417	210,995	(6,694)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	23,360	101,995	22,040	39,537	81,140	148,540	58,239	204,970	5,642	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	24,531	99,634	23,079	40,068	79,399	149,278	58,220	206,449	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	23,789	96,958	22,485	40,079	78,032	142,804	57,018	199,484	(S)	(NA)	(NA)
1958 ²	966	972	294	22,160	87,448	19,480	37,378	69,000	132,722	48,646	181,987	6,621	94	86
1954.....	(NA)	931	250	20,481	69,891	18,363	35,039	56,694	103,045	35,846	138,891	4,369	91	87
1947.....	(NA)	906	(NA)	25,660	65,492	22,953	46,204	55,064	103,725	29,423	133,148	4,172	84	86
1939.....	(NA)	758	(NA)	(NA)	(NA)	16,801	(NA)	18,367	39,106	13,837	52,943	(NA)	(NA)	(NA)
INDUSTRY 2791.—TYPESETTING														
1963.....	1,271	1,289	282	20,997	147,286	16,944	33,517	118,664	205,450	36,319	241,014	6,747	95	90
1962 ¹	(NA)	(NA)	(NA)	(16,485)	(116,267)	(12,717)	(28,284)	(92,501)	(168,753)	(27,333)	(195,282)	(8,359)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	16,616	110,729	12,685	27,783	87,563	155,924	21,630	176,651	(4,251)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	18,747	122,588	14,895	30,777	98,872	163,743	24,927	190,112	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	19,055	118,827	15,223	30,771	95,024	162,485	23,367	184,367	(S)	(NA)	(NA)
1958 ²	1,181	1,188	247	18,011	109,352	14,377	27,278	85,430	155,123	22,523	177,186	7,181	93	92
1957 ¹	(NA)	(NA)	(NA)	15,943	85,679	12,726	24,909	66,751	132,661	18,434	151,298	(S)	95	91
1956 ¹	(NA)	(NA)	(NA)	15,468	86,832	12,648	25,294	67,740	129,403	19,085	148,537	7,010	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	14,784	78,392	12,029	23,930	61,080	115,978	16,235	132,112	(S)	(NA)	(NA)
1954.....	1,078	1,081	188	14,550	74,558	11,744	23,082	57,492	107,330	16,052	123,382	4,267	94	87
1947.....	793	794	(NA)	11,475	44,906	9,301	19,515	35,409	66,842	8,861	75,703	(NA)	94	87
1939.....	(NA)	641	(NA)	8,100	14,995	6,244	(NA)	10,425	22,044	3,052	25,096	(NA)	(NA)	(NA)
1937.....	(NA)	537	(NA)	(NA)	(NA)	6,425	(NA)	10,694	21,360	2,722	24,082	(NA)	(NA)	(NA)
1935.....	(NA)	544	(NA)	(NA)	(NA)	5,232	(NA)	8,650	17,363	2,363	19,726	(NA)	(NA)	(NA)
1933.....	(NA)	415	(NA)	(NA)	(NA)	3,692	(NA)	5,645	11,786	1,278	13,064	(NA)	(NA)	(NA)
1931.....	(NA)	473	(NA)	(NA)	(NA)	4,917	(NA)	10,092	18,507	2,090	20,597	(NA)	(NA)	(NA)
1929.....	(NA)	484	(NA)	(NA)	(NA)	5,336	(NA)	11,792	23,287	2,228	25,515	(NA)	(NA)	(NA)
1927.....	(NA)	407	(NA)	5,013	11,190	4,206	(NA)	8,923	17,126	1,975	19,101	(NA)	(NA)	(NA)
1925.....	(NA)	341	(NA)	3,899	8,664	3,258	(NA)	6,985	13,013	1,460	14,473	(NA)	(NA)	(NA)
1923.....	(NA)	324	(NA)	3,574	7,377	2,986	(NA)	6,019	11,183	1,430	12,613	(NA)	(NA)	(NA)
1921.....	(NA)	298	(NA)	3,270	6,814	2,768	(NA)	5,605	9,970	1,257	11,227	(NA)	(NA)	(NA)
1919.....	(NA)	309	(NA)	3,248	4,879	2,738	(NA)	3,943	7,873	981	8,854	(NA)	(NA)	(NA)
1914.....	(NA)	216	(NA)	(NA)	(NA)	1,952	(NA)	1,895	3,460	366	3,826	(NA)	(NA)	(NA)
1909.....	(NA)	158	(NA)	(NA)	(NA)	1,415	(NA)	1,255	2,492	229	2,721	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ializa- tion ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2793.—PHOTOENGRAVING														
1963.....	872	883	218	14,620	119,743	10,271	19,643	86,582	171,796	41,034	212,377	5,720	95	91
1962 ¹	(NA)	(NA)	(NA)	14,729	120,110	9,939	21,400	84,218	151,711	32,682	184,264	(1,645)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	14,694	116,315	10,036	20,871	81,260	142,794	29,946	175,195	(1,063)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	17,555	130,189	12,380	23,607	92,917	182,004	36,325	218,211	3,532	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,307	126,703	12,245	23,034	91,377	176,661	35,431	212,103	(4,034)	(NA)	(NA)
1958 ²	897	914	272	17,251	125,337	12,344	23,020	91,407	172,158	37,109	208,911	6,992	95	93
1957 ¹	(NA)	(NA)	(NA)	19,283	131,173	13,785	27,174	93,880	175,858	35,690	210,973	4,100	99	95
1956 ¹	(NA)	(NA)	(NA)	18,930	130,057	13,679	27,229	92,879	179,271	35,629	214,219	3,227	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	18,723	122,620	13,566	27,343	90,660	167,815	34,154	200,688	(S)	(NA)	(NA)
1954 ²	884	891	267	17,711	112,575	12,778	25,575	82,634	149,282	26,057	175,341	3,986	95	93
1953 ¹	(NA)	(NA)	(NA)	17,020	112,343	12,246	(NA)	83,041	154,006	23,154	177,160	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	13,638	86,822	9,945	(NA)	62,754	119,876	16,550	136,426	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	15,367	92,417	11,162	(NA)	66,210	118,929	18,503	137,432	(NA)	(NA)	(NA)
1947.....	754	770	(NA)	16,711	80,003	12,234	24,942	57,962	116,131	17,409	133,540	(NA)	96	95
1939.....	(NA)	694	(NA)	13,747	35,019	9,207	(NA)	22,568	48,258	7,361	55,619	(NA)	(NA)	(NA)
1937.....	(NA)	620	(NA)	(NA)	(NA)	9,707	(NA)	23,606	50,095	7,196	57,291	(NA)	(NA)	(NA)
INDUSTRY 2794.—ELECTROTYPING AND STEREOTYPING														
1963.....	170	184	80	5,116	39,290	3,768	7,266	28,485	57,173	18,973	76,068	985	87	86
1962 ¹	(NA)	(NA)	(NA)	6,204	42,123	4,434	8,621	31,580	56,710	17,914	74,544	(737)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	6,395	44,305	4,657	9,081	32,210	60,099	18,223	78,244	(1,093)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	6,365	42,992	4,592	8,945	31,168	59,292	18,567	77,933	(S)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	6,571	43,775	4,722	9,159	32,047	59,841	18,920	78,684	(S)	(NA)	(NA)
1958 ²	206	226	111	6,759	44,173	4,966	9,294	31,795	62,675	18,604	81,143	2,216	92	87
1957 ¹	(NA)	(NA)	(NA)	8,164	51,979	5,725	11,035	33,849	76,408	18,762	95,264	1,440	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	8,029	49,840	5,761	11,143	33,204	79,056	17,085	95,972	1,677	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	8,032	47,999	5,871	11,104	30,711	75,569	16,050	91,485	(S)	(NA)	(NA)
1954.....	219	233	113	8,005	48,391	5,917	11,728	34,220	69,954	18,320	88,276	1,845	89	89
1953 ¹	(NA)	(NA)	(NA)	7,663	46,556	5,925	(NA)	34,210	67,729	18,034	85,763	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	7,286	44,254	5,444	(NA)	29,467	53,906	11,378	65,284	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	7,298	41,102	5,300	(NA)	26,774	52,407	11,966	64,373	(NA)	(NA)	(NA)
1947.....	205	237	(NA)	7,173	31,436	5,552	11,477	23,650	47,937	11,047	58,984	(NA)	92	87
1939.....	(NA)	234	(NA)	6,333	14,445	4,412	(NA)	8,920	22,141	6,904	29,045	(NA)	(NA)	(NA)
1937.....	(NA)	218	(NA)	6,511	14,830	4,766	(NA)	9,694	24,282	6,761	31,043	(NA)	(NA)	(NA)
1935.....	(NA)	206	(NA)	5,956	13,959	4,417	(NA)	8,444	23,036	3,831	26,867	(NA)	(NA)	(NA)
1933.....	(NA)	207	(NA)	4,521	8,021	3,734	(NA)	6,488	17,265	2,741	20,006	(NA)	(NA)	(NA)
1931.....	(NA)	223	(NA)	(NA)	(NA)	4,857	(NA)	10,917	20,821	3,761	24,582	(NA)	(NA)	(NA)
1929.....	(NA)	230	(NA)	7,873	18,624	6,487	(NA)	13,771	29,070	6,547	35,617	(NA)	(NA)	(NA)
1927.....	(NA)	197	(NA)	5,642	13,703	4,502	(NA)	10,273	20,872	4,677	25,549	(NA)	(NA)	(NA)
1925.....	(NA)	193	(NA)	5,289	11,932	4,283	(NA)	9,207	18,036	4,325	22,361	(NA)	(NA)	(NA)
1923.....	(NA)	179	(NA)	5,102	10,899	4,096	(NA)	8,334	16,583	4,012	20,596	(NA)	(NA)	(NA)
1921.....	(NA)	157	(NA)	4,384	9,246	3,617	(NA)	7,082	13,530	3,829	17,359	(NA)	(NA)	(NA)
1919.....	(NA)	171	(NA)	4,538	7,032	3,664	(NA)	5,003	11,608	4,311	15,919	(NA)	(NA)	(NA)
1914.....	(NA)	189	(NA)	4,347	4,074	3,457	(NA)	3,001	5,844	2,310	8,154	(NA)	(NA)	(NA)
1909.....	(NA)	174	(NA)	3,528	3,113	2,850	(NA)	2,312	4,603	1,781	6,384	(NA)	(NA)	(NA)
1904.....	(NA)	146	(NA)	3,169	2,510	2,679	(NA)	1,993	3,936	1,069	5,005	(NA)	(NA)	(NA)
1899.....	(NA)	140	(NA)	2,738	1,771	2,408	(NA)	1,459	2,972	800	3,772	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Data for Alaska and Hawaii are not included for the years prior to 1958.

³"Greeting cards" was formerly a part of the discontinued classification, "Printing and publishing, book, music and job," "Engraving, steel copperplate, and wood, and plate printing," and "Lithographing." Separate figures, are, therefore, not available prior to 1937.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2771.—GREETING CARD MANUFACTURING													
Total.....	257	93	21,535	105,600	13,356	26,187	53,891	204,608	138,339	345,961	6,847	21,777	178,563
New England.....	34	13	3,908	16,151	2,497	4,539	7,883	28,864	20,796	48,696	1,242	4,078	32,451
Massachusetts.....	21	8	2,629	10,805	1,617	3,108	5,394	19,365	12,930	30,754	927	2,715	22,217
Middle Atlantic.....	108	39	4,928	23,422	3,560	7,160	14,925	44,548	36,753	81,705	1,129	5,875	45,051
New York.....	85	28	4,239	20,355	2,994	6,035	12,903	39,710	30,933	70,924	1,060	5,272	41,029
New Jersey.....	11	4	248	1,403	188	354	776	2,430	2,094	4,652	51	199	1,779
Pennsylvania.....	12	7	441	1,664	378	771	1,246	2,408	3,726	6,129	18	404	2,243
North Central.....	61	28	11,303	58,941	6,404	12,702	27,194	116,499	73,074	193,446	3,930	10,667	90,603
Illinois.....	27	13	1,916	7,944	1,465	2,899	5,740	13,414	8,334	21,661	612	2,647	14,517
South.....	19	4	335	1,608	256	543	967	3,097	2,082	5,073	372	208	2,154
West.....	35	9	1,061	5,478	639	1,243	2,922	11,600	5,634	17,041	174	949	8,304
California.....	32	8	1,025	5,250	620	1,208	2,808	11,082	5,381	16,273	130	931	8,001
INDUSTRY 2782.—BLANKBOOKS; LOOSELEAF BINDERS													
Total.....	410	158	17,899	91,197	14,412	28,710	64,392	168,465	101,374	268,219	6,120	17,872	132,660
New England.....	39	15	2,554	12,393	2,009	3,781	8,831	23,943	14,074	38,003	1,022	2,312	16,485
Massachusetts.....	25	9	1,968	8,913	1,594	2,958	6,469	17,643	11,182	28,889	814	2,084	14,694
Middle Atlantic.....	148	60	6,376	31,158	5,184	10,437	22,506	55,618	38,284	93,065	1,735	6,246	45,964
New York.....	112	43	3,983	18,953	3,137	6,307	12,919	34,687	25,277	59,548	1,045	4,105	30,633
New Jersey.....	14	10	1,766	9,366	1,494	3,007	7,402	16,706	11,215	27,486	594	1,580	11,696
Pennsylvania.....	22	7	627	2,839	553	1,123	2,185	4,225	1,792	6,031	96	561	3,635
East North Central..	83	29	4,057	21,498	3,256	6,474	14,729	37,955	21,685	59,449	1,375	4,601	34,511
Ohio.....	17	4	401	2,361	320	697	1,662	4,833	2,058	6,891	127	781	6,363
Indiana.....	5	2	201	838	180	360	680	1,823	912	2,736	75	139	1,019
Illinois.....	41	15	2,382	12,810	1,947	3,905	9,003	22,439	12,839	35,357	893	2,690	20,469
Michigan.....	14	5	564	2,792	448	861	1,930	5,188	3,132	8,196	225	351	2,440
Wisconsin.....	6	3	509	2,697	361	651	1,454	3,672	2,744	6,269	55	640	4,220
West North Central..	38	15	1,447	8,004	1,148	2,410	5,595	15,512	8,676	24,285	553	1,048	7,793
Missouri.....	17	8	746	3,883	617	1,268	2,781	7,655	4,518	12,262	193	430	3,037
South Atlantic.....	24	7	896	4,964	738	1,464	3,237	7,217	3,661	10,969	338	1,050	7,325
East South Central..	12	4	224	921	176	354	630	1,577	1,541	3,138	137	295	1,824
West South Central..	14	6	543	2,402	423	881	1,546	6,317	3,627	9,233	137	699	5,963
Texas.....	8	4	448	1,984	340	708	1,199	5,465	3,265	8,030	96	578	5,240
West.....	52	22	1,802	9,857	1,478	2,909	7,318	20,326	9,826	30,077	823	1,621	12,795
California.....	45	19	1,659	9,038	1,369	2,700	6,752	19,220	9,121	28,291	800	1,350	10,740
INDUSTRY 2789.—BOOKBINDING AND RELATED WORK													
Total.....	1,043	311	24,338	114,977	21,664	40,849	92,900	172,298	57,501	228,477	7,994	22,160	132,722
New England.....	66	16	1,188	5,218	1,063	2,003	4,152	7,437	2,415	9,837	455	1,222	7,148
Massachusetts.....	44	13	991	4,320	887	1,683	3,439	6,264	1,956	8,212	334	919	4,807
Middle Atlantic.....	458	138	11,482	56,077	10,336	19,487	46,414	83,211	21,568	104,480	3,247	11,005	66,060
New York.....	340	100	8,560	42,718	7,750	14,688	35,864	62,834	15,471	78,280	2,017	8,912	54,010
New Jersey.....	53	13	1,088	4,387	1,000	1,830	3,821	6,928	2,155	9,006	311	743	4,702
Pennsylvania.....	65	25	1,834	8,972	1,586	2,969	6,729	13,449	3,942	17,194	919	1,350	7,348
East North Central..	189	77	6,049	29,676	5,324	10,086	22,952	45,371	19,782	64,200	2,081	5,627	34,578
Ohio.....	40	14	697	2,956	600	1,113	2,312	4,621	1,126	5,715	211	672	3,501
Illinois.....	100	43	3,685	19,187	3,265	6,243	14,695	29,122	15,418	43,717	1,313	3,514	22,482
West North Central..	60	19	1,218	5,580	1,086	2,035	4,462	8,063	3,820	11,762	704	1,045	6,181
Iowa.....	6	1	128	615	115	233	465	903	775	1,677	57	160	606
Missouri.....	29	14	827	3,936	747	13,78	3,212	5,769	2,464	8,115	563	747	4,628
South Atlantic.....	77	28	2,081	8,174	1,825	3,528	6,394	11,998	4,186	16,173	701	1,229	6,567
Maryland.....	17	10	941	3,890	828	1,613	2,992	5,747	1,664	7,434	366	636	3,451
District of Columbia.....	8	3	155	715	128	242	628	1,035	112	1,148	19	(²)	(²)
North Carolina.....	12	7	460	1,485	396	728	1,069	1,967	910	2,868	72	(²)	(²)
Florida.....	21	5	306	1,165	281	581	1,019	1,599	533	2,120	72	166	670

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2789.—BOOKBINDING AND RELATED WORK—Continued													
East South Central.	11	2	134	489	111	215	372	1,051	357	1,406	77	221	1,041
West South Central.	41	10	681	2,624	579	1,093	2,055	4,035	2,042	6,031	283	484	2,744
Texas.....	25	8	509	2,027	423	801	1,529	3,040	1,673	4,670	168	360	1,952
Mountain.....	25	5	310	1,189	270	481	944	2,114	696	2,841	67	190	921
Pacific.....	117	16	1,195	5,950	1,070	1,921	5,155	9,018	2,635	11,747	379	1,137	7,482
California.....	103	14	1,074	5,374	962	1,722	4,652	8,036	2,420	10,550	332	1,044	6,827
INDUSTRY 2791.—TYPESETTING													
Total.....	1,289	282	20,997	147,286	16,944	33,517	118,664	205,450	36,319	241,014	6,747	18,011	155,123
New England.....	91	25	1,534	9,946	1,251	2,519	8,167	14,045	2,399	16,436	524	1,273	10,076
Massachusetts....	51	16	848	5,421	667	1,332	4,317	7,457	1,239	8,741	277	716	5,744
Middle Atlantic....	427	113	8,613	59,298	6,922	13,763	48,529	82,784	14,727	97,182	2,427	7,656	63,985
New York.....	313	82	5,585	40,406	4,417	8,730	33,057	58,030	10,006	68,004	1,635	5,250	45,615
East North Central.	295	62	5,056	39,507	4,114	8,172	31,571	52,444	10,535	62,744	1,738	4,914	45,004
Ohio.....	66	16	950	7,165	715	1,444	5,424	9,743	1,361	11,072	316	931	8,137
Indiana.....	27	6	423	2,902	344	724	2,309	3,946	379	4,297	160	333	2,679
Illinois.....	131	26	2,558	21,184	2,143	4,173	17,302	27,618	4,801	32,249	825	2,658	24,616
Michigan.....	43	9	866	6,809	716	1,463	5,460	9,099	3,528	12,606	288	811	8,076
Wisconsin.....	28	5	259	1,447	196	368	1,076	2,038	466	2,520	149	181	1,496
West North Central.	82	17	1,127	7,780	865	1,615	5,732	11,625	2,011	13,605	502	902	7,478
Minnesota.....	13	7	431	2,852	324	604	2,064	4,613	642	5,264	176	289	2,120
Missouri.....	45	7	516	3,855	406	755	2,802	5,343	910	6,204	201	496	4,305
South Atlantic.....	112	30	1,730	10,321	1,432	2,920	8,269	14,586	1,995	16,538	469	968	7,983
Maryland.....	27	9	503	3,305	416	890	2,605	4,794	666	5,415	157	337	2,941
District of Columbia.....	17	9	478	2,945	405	831	2,340	4,410	583	4,962	125	199	1,538
Virginia.....	12	2	125	569	107	217	453	931	125	1,053	30	(²)	(²)
East South Central.	30	4	403	2,595	339	651	2,118	3,296	779	4,064	104	269	1,813
Tennessee.....	18	3	300	1,979	256	481	1,629	2,504	535	3,027	87	(²)	(²)
West South Central.	61	7	736	5,031	585	1,188	3,865	7,098	1,144	8,180	214	638	5,313
Texas.....	38	6	583	4,157	457	923	3,139	5,757	842	6,557	168	505	4,220
West.....	191	24	1,798	12,808	1,436	2,689	10,413	19,572	2,729	22,265	769	1,391	13,471
Washington.....	16	2	124	732	105	160	578	1,211	108	1,303	109	(²)	(²)
California.....	139	17	1,378	10,205	1,095	2,071	8,292	15,563	2,249	17,790	480	1,144	11,184
INDUSTRY 2793.—PHOTOENGRAVING													
Total.....	883	218	14,620	119,743	10,271	19,643	86,582	171,796	41,034	212,377	5,720	17,251	172,158
New England.....	80	22	1,321	10,610	984	2,016	7,818	14,105	4,072	18,163	1,132	1,319	11,693
Massachusetts....	30	7	442	3,277	309	590	2,484	4,418	949	5,345	74	547	4,196
Rhode Island.....	10	3	167	1,243	128	244	879	1,762	312	2,069	191	136	1,241
Connecticut.....	31	11	633	5,643	482	1,063	4,099	7,267	2,595	9,870	826	579	5,853
Middle Atlantic....	213	73	5,368	45,731	3,738	6,917	33,223	64,805	15,046	79,668	1,496	6,496	71,191
New York.....	117	48	3,791	33,725	2,662	4,898	24,677	47,786	11,325	58,931	1,058	4,638	53,640
New Jersey.....	38	11	523	3,949	331	621	2,725	5,807	1,259	7,063	170	540	5,297
Pennsylvania.....	58	14	1,054	8,057	745	1,398	5,821	11,212	2,462	13,674	268	1,318	12,254
East North Central.	194	56	3,606	31,290	2,559	4,828	22,430	44,040	9,236	53,123	1,154	4,950	46,922
Ohio.....	53	18	841	6,292	584	1,097	4,578	9,431	2,027	11,471	296	989	8,838
Indiana.....	23	5	259	2,128	152	294	1,335	2,852	1,074	3,916	75	371	2,750
Illinois.....	63	21	1,701	15,412	1,255	2,306	11,246	21,247	3,838	25,060	408	2,504	25,184
Michigan.....	36	9	575	5,765	398	808	3,952	8,277	1,711	9,860	242	783	7,500
Wisconsin.....	19	3	230	1,693	170	323	1,319	2,233	586	2,816	133	303	2,650
West North Central.	63	13	786	5,824	561	1,048	4,298	8,515	1,861	10,368	209	836	7,813
Minnesota.....	12	3	159	1,404	112	205	986	1,889	362	2,253	37	(²)	(²)
Iowa.....	13	2	118	833	85	167	629	1,272	351	1,622	34	101	1,001
Missouri.....	21	6	345	2,480	246	456	1,840	3,736	701	4,428	71	404	3,686
Kansas.....	8	2	101	676	79	144	536	948	259	1,207	45	(²)	(²)
South Atlantic.....	92	20	1,242	9,009	894	1,798	6,541	12,910	3,767	16,694	657	1,253	11,237
Virginia.....	15	5	313	2,491	255	505	1,929	3,800	833	4,646	283	201	1,930
North Carolina...	14	4	267	1,514	207	432	1,170	2,064	1,157	3,226	84	252	1,867

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufac- ture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	All em- ployees	Value added by manufac- ture, adjusted
	Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man- hours (1,000)	Wages (\$1,000)						
	INDUSTRY 2793.—PHOTOENGRAVING—Continued												
South Atlantic— Continued													
Georgia.....	15	4	200	1,430	128	267	953	1,962	548	2,509	135	229	2,122
Florida.....	20	2	167	1,366	110	213	985	2,118	466	2,584	82	239	2,163
East South Central.	24	4	288	1,911	196	382	1,373	2,752	796	3,564	125	286	2,493
West South Central.	60	9	582	4,168	366	762	2,891	6,797	1,727	8,524	315	548	4,953
Texas.....	36	6	412	2,872	261	551	2,022	4,833	1,230	6,063	261	360	3,343
Mountain.....	34	2	237	1,664	164	327	1,167	2,748	570	3,321	110	194	1,914
Pacific.....	123	19	1,190	9,536	809	1,565	6,841	15,124	3,959	18,952	522	1,369	13,942
California.....	103	17	1,016	8,242	698	1,365	5,997	13,073	3,479	16,420	473	1,160	12,022
	INDUSTRY 2794.—ELECTROTYPING AND STEREOTYPING												
Total.....	184	80	5,116	39,290	3,768	7,266	28,485	57,173	18,973	76,068	985	6,759	62,675
New England.....	16	8	443	3,591	350	701	2,730	4,965	1,512	6,470	69	536	4,435
Massachusetts....	9	3	214	1,685	163	295	1,216	2,384	579	2,961	41	304	2,591
Middle Atlantic....	49	28	1,671	12,655	1,191	2,309	8,939	18,312	6,293	24,580	246	2,347	22,224
New York.....	35	21	1,227	9,760	872	1,725	6,957	14,385	4,260	18,616	198	1,919	18,517
East North Central.	61	30	2,165	16,905	1,638	3,096	12,539	25,280	8,541	33,784	539	2,526	24,671
Ohio.....	17	9	400	2,877	275	507	1,990	4,009	2,150	6,152	149	609	4,609
Indiana.....	4	2	111	692	93	184	572	904	347	1,249	8	168	1,282
Illinois.....	22	11	1,137	9,338	884	1,711	7,123	14,446	4,663	19,075	211	1,090	12,768
Michigan.....	11	6	408	3,279	305	541	2,300	4,952	1,058	6,010	137	464	4,238
Wisconsin.....	7	2	109	719	81	153	554	969	323	1,298	34	195	1,774
West North Central.	13	3	172	1,215	116	217	802	1,710	420	2,127	24	451	3,500
South.....	22	5	385	2,741	285	581	1,952	3,785	840	4,614	67	454	3,710
West.....	23	6	280	2,183	188	362	1,523	3,121	1,367	4,493	40	445	4,135
California.....	17	6	273	2,148	183	352	1,495	3,076	1,359	4,440	40	442	3,868

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2771, Greeting Card Manufacturing: New England—New Hampshire, 4 (558); Vermont, 4 (262); Rhode Island, 3 (250-499); Connecticut, 2 (100-249); East North Central—Ohio, 8 (4,186); Michigan, 4 (100-249); Wisconsin, 2 (1-19); West North Central—Minnesota, 1 (1-19); Iowa, 3 (1-19); Missouri, 9 (2,500-4,999); Kansas, 7 (1,000-2,489); South Atlantic—Maryland, 2 (100-249); District of Columbia, 3 (20-99); West Virginia, 2 (1-19); North Carolina, 1 (1-19); Georgia, 1 (1-19); Florida, 7 (1-19); East South Central—Kentucky, 1 (20-99); West South Central—Texas, 2 (1-19); Mountain—Colorado, 2 (20-99); Pacific—Hawaii, 1 (1-19).

SIC 2782, Blankbooks; Looseleaf Binders: New England—Maine, 1 (1-19); New Hampshire, 1 (100-249); Rhode Island, 1 (20-99); Connecticut, 11 (416); West North Central—Minnesota, 8 (372); Iowa, 6 (20-99); South Dakota, 2 (20-99); Nebraska, 1 (1-19); Kansas, 4 (205); South Atlantic—Delaware, 1 (20-99); Maryland, 7 (250-499); Virginia, 2 (20-99); North Carolina, 3 (20-99); South Carolina, 1 (1-19); Georgia, 6 (378); Florida, 4 (20-99); East South Central—Kentucky, 4 (100-249); Tennessee, 2 (20-99); Alabama, 5 (20-99); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (1-19); Louisiana, 2 (20-99); Oklahoma, 3 (20-99); Mountain—Colorado, 2 (1-19); Arizona, 2 (20-99); Pacific—Oregon, 3 (20-99).

SIC 2789, Bookbinding and Related Work: New England—Maine, 3 (1-19); New Hampshire, 3 (20-99); Vermont, 1 (1-19); Rhode Island, 7 (20-99); Connecticut, 8 (114); East North Central—Indiana, 16 (581); Michigan, 22 (500-999); Wisconsin, 11 (100-249); West North Central—Minnesota, 14 (100-249); South Dakota, 1 (1-19); Nebraska, 4 (1-19); Kansas, 6 (20-99); South Atlantic—Delaware, 1 (1-19); Virginia, 7 (20-99); South Carolina, 1 (1-19); Georgia, 10 (171); East South Central—Kentucky, 1 (1-19); Tennessee, 5 (100-249); Alabama, 2 (1-19); Mississippi, 2 (1-19); West South Central—Arkansas, 3 (20-99); Louisiana, 6 (20-99); Oklahoma, 7 (101); Mountain—Idaho, 2 (1-19); Colorado, 9 (20-99); New Mexico, 1 (1-19); Arizona, 8 (100-249); Utah, 5 (119); Pacific—Washington, 10 (20-99); Oregon, 3 (20-99); Hawaii, 1 (1-19).

SIC 2791, Typesetting: New England—Maine, 2 (20-99); New Hampshire, 4 (101); Vermont, 2 (20-99); Rhode Island, 8 (20-99); Connecticut, 24 (250-499); Middle Atlantic—New Jersey, 39 (250-499); Pennsylvania, 75 (2,500-4,999); West North Central—Iowa, 10 (20-99); North Dakota, 1 (1-19); South Dakota, 1 (1-19); Nebraska, 6 (20-99); Kansas, 6 (20-99); South Atlantic—Delaware, 2 (1-19); North Carolina, 12 (100-249); South Carolina, 1 (1-19); Georgia, 12 (100-249); Florida, 29 (302); East South Central—Kentucky, 6 (20-99); Alabama, 5 (20-99); Mississippi, 1 (1-19); West South Central—Arkansas, 9 (20-99); Louisiana, 12 (20-99); Oklahoma, 9 (20-99); Mountain—Montana, 1 (1-19); Colorado, 10 (20-99); New Mexico, 2 (1-19); Arizona, 5 (20-99); Utah, 4 (20-99); Nevada, 1 (1-19); Pacific—Oregon, 10 (20-99); Hawaii, 3 (1-19).

SIC 2793, Photoengraving: New England—Maine, 3 (20-99); New Hampshire, 6 (20-99); West North Central—North Dakota, 2 (1-19); Nebraska, 7 (20-99); South Atlantic—Delaware, 2 (1-19); Maryland, 14 (100-249); District of Columbia, 3 (20-99); West Virginia, 3 (1-19); South Carolina, 6 (20-99); East South Central—Kentucky, 8 (20-99); Tennessee, 11 (100-249); Alabama, 5 (20-99); West South Central—Arkansas, 5 (20-99); Louisiana, 10 (20-99); Oklahoma, 9 (20-99); Mountain—Montana, 2 (1-19); Idaho, 2 (1-19); Colorado, 9 (20-99); New Mexico, 4 (1-19); Arizona, 8 (20-99); Utah, 6 (20-99); Nevada, 3 (1-19); Pacific—Washington, 11 (20-99); Oregon, 8 (20-99); Hawaii, 1 (1-19).

SIC 2794, Electrotyping and Stereotyping: New England—New Hampshire, 1 (20-99); Connecticut, 6 (100-249); Middle Atlantic—New Jersey, 2 (20-99); Pennsylvania, 12 (250-999); West North Central—Minnesota, 5 (20-99); Missouri, 6 (100-249); Nebraska, 1 (1-19); Kansas, 1 (1-19); South Atlantic—Maryland, 2 (20-99); District of Columbia, 3 (20-99); North Carolina, 1 (1-19); Georgia, 2 (1-19); Florida, 3 (1-19); East South Central—Kentucky, 11 (1-19); Tennessee, 3 (100-249); Alabama, 1 (1-19); West South Central—Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 4 (20-99); Mountain—Colorado, 1 (1-19); Arizona, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 2 (1-19); Oregon, 1 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Greeting card manufacturing (SIC 2771)	Blankbooks; looseleaf binders (SIC 2782)	Bookbinding and related work (SIC 2789)	Typesetting (SIC 2791)	Photoengraving (SIC 2793)	Electrotyping and stereotyping (SIC 2794)
Primary product specialization ratio ¹.....	.92	.88	.95	.95	.95	.87
Coverage ratio ².....	.96	.88	.83	.90	.91	.86
Establishments, total.....number..	257	410	1,043	1,289	883	184
With 1 to 19 employees.....do....	164	252	732	1,007	665	104
With 20 to 99 employees.....do....	59	109	269	253	203	72
With 100 employees or more.....do....	34	49	42	29	15	8
Proprietors and working partners.....do....	117	190	641	707	371	47
All employees (average for the year).....do....	21,535	17,899	24,338	20,997	14,620	5,116
Payroll (all employees), total for year.....\$1,000..	105,600	91,197	114,977	147,286	119,743	39,290
Production workers:						
Average for the year.....number..	13,356	14,412	21,664	16,944	10,271	3,768
March.....do....	12,336	14,441	21,152	17,112	10,287	3,800
May.....do....	12,740	14,320	21,132	17,017	10,259	3,768
August.....do....	13,925	14,557	22,418	16,595	10,256	3,749
November.....do....	14,412	14,334	21,954	17,100	10,287	3,766
Man-hours.....1,000..	26,187	28,710	40,849	33,517	19,643	7,266
January-March.....do....	9,959	7,213	9,976	8,414	4,917	1,875
April-June.....do....	6,395	7,116	10,244	8,439	4,933	1,807
July-September.....do....	6,830	7,196	10,343	8,154	4,841	1,791
October-December.....do....	7,003	7,185	10,286	8,510	4,952	1,793
Wages.....\$1,000..	53,891	64,392	92,900	118,664	86,582	28,485
Cost of materials, etc., total.....do....	138,339	101,374	57,501	36,319	41,034	18,973
Materials, parts, containers, and supplies consumed.....do....	89,399	87,572	46,402	23,954	35,290	13,238
Cost of resales.....do....	11,453	7,823	3,075	2,568	1,980	4,004
Fuels consumed.....do....	585	469	416	459	393	336
Electric energy:						
Purchased:						
Quantity.....million kw.-hrs..	104	52	73	85	63	39
Cost.....\$1,000..	1,368	1,034	1,466	2,042	1,345	779
Generated less sold.....million kw.-hrs..	(D)	(D)	(D)	(D)	(D)	(D)
Contract work.....\$1,000..	35,534	4,476	6,142	7,296	2,026	616
Value of shipments (including resales), total.....do....	345,961	268,219	228,477	241,014	212,377	76,068
Value of resales.....do....	17,610	13,326	5,220	3,070	4,311	4,473
Value added by manufacture, adjusted.....do....	204,608	168,465	172,298	205,450	171,796	57,173
Manufacturers' inventories:						
Beginning of year, total.....do....	79,096	38,161	12,689	10,685	5,599	3,235
Finished products.....do....	37,704	13,577	3,481	848	592	565
Work-in-process.....do....	27,577	8,543	4,305	6,396	1,531	208
Materials, supplies, fuel, etc.....do....	13,815	16,041	4,903	3,441	3,478	2,462
End of year, total.....do....	75,240	39,945	14,713	10,710	6,123	3,160
Finished products.....do....	34,606	14,810	3,696	770	918	525
Work-in-process.....do....	27,661	8,930	5,412	7,229	1,658	326
Materials, supplies, fuel, etc.....do....	12,973	16,205	5,605	2,711	3,547	2,309
Expenditures for plant and equipment, total.....do....	7,020	6,297	8,508	7,729	6,414	1,419
New, total.....do....	6,847	6,120	7,994	6,747	5,720	985
New structures and additions to plant.....do....	1,898	540	749	506	925	71
New machinery and equipment.....do....	4,949	5,580	7,245	6,241	4,795	914
Used plant and equipment.....do....	173	177	514	982	694	434
Selected operating ratios:						
Payroll/Total employment.....	4,904	5,095	4,724	7,015	8,190	7,680
Production workers/Total employment.....	.62	.81	.89	.81	.70	.74
Man-hours/Production workers.....	1,961	1,992	1,886	1,978	1,912	1,928
Production worker wages/Man-hours.....	2.06	2.24	2.27	3.54	4.41	3.92
Cost of materials and payrolls/Total value of shipments.....	.71	.72	.75	.76	.76	.77
Cost of materials/Total value of shipments.....	.40	.38	.25	.15	.19	.25
Adjusted value added/Total employment.....	9,501	9,412	7,079	9,785	11,751	11,175
Salaries and wages/Adjusted value added.....	.52	.54	.67	.72	.70	.69

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2771.—GREETING CARD MANUFACTURING											
Establishments.....number..	257	102	32	30	36	23	18	7	4	3	2
All employees:											
Total.....do....	21,535	157	220	414	1,089	1,593	2,802	2,154	2,324	10,782	(D)
Payroll.....\$1,000..	105,600	631	1,045	2,176	4,587	8,638	12,468	7,593	9,752	58,710	(D)
Value added, adjusted.....do....	204,608	1,911	2,669	5,063	8,141	14,771	22,255	12,182	14,452	123,164	(D)
Value of shipments.....do....	345,961	3,797	5,562	10,907	15,425	24,243	37,142	30,297	22,915	195,673	(D)
Capital expenditures, new...do....	6,847	83	117	234	313	887	1,064	862	241	3,046	(D)
INDUSTRY 2782.—BLANKBOOKS; LOOSELEAF BINDERS											
Establishments.....number..	410	140	57	55	72	37	38	7	3	1	—
All employees:											
Total.....do....	17,899	264	275	799	2,261	2,787	5,964	2,361	3,088	(D)	—
Payroll.....\$1,000..	91,197	1,176	1,669	3,730	10,613	13,102	30,207	14,235	16,465	(D)	—
Value added, adjusted.....do....	168,465	2,115	3,119	6,786	16,991	24,165	56,805	26,313	32,171	(D)	—
Value of shipments.....do....	268,219	3,760	5,367	10,795	29,778	40,715	90,864	36,495	50,445	(D)	—
Capital expenditures, new...do....	6,120	153	149	174	641	820	1,441	1,485	1,257	(D)	—
INDUSTRY 2789.—BOOKBINDING AND RELATED WORK											
Establishments.....number..	1,043	358	174	200	196	73	34	7	—	1	—
All employees:											
Total.....do....	24,338	663	1,207	2,729	6,132	4,975	5,307	3,325	—	(D)	—
Payroll.....\$1,000..	114,977	2,786	5,309	12,594	28,838	22,852	25,569	17,029	—	(D)	—
Value added, adjusted.....do....	172,298	4,819	8,769	19,600	43,358	34,417	36,966	24,369	—	(D)	—
Value of shipments.....do....	228,477	6,424	11,218	24,991	53,440	43,252	53,395	35,757	—	(D)	—
Capital expenditures, new...do....	7,994	306	422	983	2,087	1,589	1,415	1,192	—	(D)	—
INDUSTRY 2791.—TYPESETTING											
Establishments.....number..	1,289	500	253	254	186	67	25	4	—	—	—
All employees:											
Total.....do....	20,997	883	1,693	3,559	5,817	4,483	3,208	1,354	—	—	—
Payroll.....\$1,000..	147,286	5,263	10,896	23,929	40,210	32,985	24,760	9,243	—	—	—
Value added, adjusted.....do....	205,450	9,159	16,208	34,468	57,775	44,608	31,606	11,626	—	—	—
Value of shipments.....do....	241,014	11,644	19,153	40,922	67,261	49,890	38,536	13,608	—	—	—
Capital expenditures, new...do....	6,747	523	722	1,161	1,958	1,273	861	249	—	—	—
INDUSTRY 2793.—PHOTOENGRAVING											
Establishments.....number..	883	276	195	194	158	45	15	—	—	—	—
All employees:											
Total.....do....	14,620	465	1,334	2,765	4,867	2,855	2,334	—	—	—	—
Payroll.....\$1,000..	119,743	3,274	8,933	19,894	38,612	25,345	23,685	—	—	—	—
Value added, adjusted.....do....	171,796	6,599	14,833	28,812	53,723	34,579	33,250	—	—	—	—
Value of shipments.....do....	212,377	8,453	18,264	35,231	66,490	41,980	41,959	—	—	—	—
Capital expenditures, new...do....	5,720	363	589	970	1,571	1,046	1,181	—	—	—	—
INDUSTRY 2794.—ELECTROTYPING AND STEREOTYPING											
Establishments.....number..	184	42	21	41	50	22	7	1	—	—	—
All employees:											
Total.....do....	5,116	66	143	569	1,492	1,506	1,340	(D)	—	—	—
Payroll.....\$1,000..	39,290	468	945	4,044	11,023	11,834	10,976	(D)	—	—	—
Value added, adjusted.....do....	57,173	747	1,393	5,993	15,191	16,874	16,975	(D)	—	—	—
Value of shipments.....do....	76,068	930	1,850	7,974	21,511	22,612	21,191	(D)	—	—	—
Capital expenditures, new...do....	985	13	26	105	297	324	220	(D)	—	—	—

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- laneous receipts	Primary product special- ization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2771	Greeting card manufacturing....1963..	345,961	296,401	24,674	24,886	92	310,170	296,401	13,769	96
	1958..	291,480	256,842	15,108	19,530	94	276,588	256,842	19,746	93
2782	Blankbooks; looseleaf binders...1963..	268,219	220,656	31,420	16,143	88	252,042	220,656	31,386	88
	1958..	217,862	180,033	30,685	7,144	85	213,648	180,033	33,615	84
2789	Bookbinding and related work....1963..	228,477	202,995	10,581	14,901	95	243,236	202,995	40,241	83
	1958..	181,987	164,365	9,849	7,773	94	190,956	164,365	26,591	86
2791	Typesetting.....1963..	241,014	225,527	11,460	4,027	95	249,611	225,527	24,084	90
	1958..	177,186	161,764	12,473	2,949	93	175,466	161,764	13,702	92
2793	Photoengraving.....1963..	212,377	196,257	10,344	5,776	95	214,748	196,257	18,491	91
	1958..	208,911	193,550	10,928	4,433	95	208,510	193,550	14,960	93
2794	Electrotyping and stereotyping...1963..	76,068	61,677	9,233	5,158	87	71,914	61,677	10,237	86
	1958..	81,143	70,796	6,289	4,058	92	81,479	70,796	10,683	87

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Greeting card manufacturing (SIC 2771)	Blank-books; looseleaf binders (SIC 2782)	Book-binding and related work (SIC 2789)	Type-setting (SIC 2791)	Photo-engraving (SIC 2793)	Electro-typing and stereo-typing (SIC 2794)	News-papers (SIC 2711)	Book printing (SIC 2732)	Printing, except litho-graphic (SIC 2751)	Printing, litho-graphic (SIC 2752)	Other industries
	Total value of receipts of the industry.....	(X)	345,961	268,219	228,477	241,014	212,377	76,068	(X)	(X)	(X)	(X)	(X)
	Greeting cards, bookbinding, and printing services.....	(X)	296,451	224,887	208,076	230,399	197,697	64,490	(X)	(X)	(X)	(X)	(X)
27711	Greeting card publishers' sales	262,771	257,727	-	-	-	-	-	-	-	(D)	(D)	2,342
27712	Greeting cards printed for publication by others.....	39,936	31,211	-	(D)	(Z)	-	-	-	534	790	6,736	(D)
27710	Greeting card manufacturing, n.s.k.....	7,463	7,463	-	-	-	-	-	-	-	-	-	-
27821	Blankbook making.....	124,308	(D)	107,789	1,602	-	(D)	-	-	(D)	3,657	7,978	3,155
27822	Looseleaf binders and devices..	119,607	(D)	104,885	3,377	-	-	-	-	-	(D)	1,841	18,693
27820	Blankbooks, looseleaf binders and devices, n.s.k.....	8,127	-	7,982	(Z)	-	-	-	-	-	(D)	(D)	(D)
27891	Edition, library, and other hard cover bookbinding.....	109,264	(D)	771	83,666	(D)	-	-	-	7,863	2,781	1,971	(D)
27892	Other book and pamphlet binding and related binding work.....	117,624	(Z)	3,358	103,073	294	-	-	(D)	4,726	1,574	4,098	372
27890	Bookbinding and related work, n.s.k.....	16,348	(D)	(D)	16,256	-	-	-	-	-	-	(D)	-
27910	Typesetting.....	249,611	(D)	(D)	(D)	225,527	(D)	971	285	9,072	6,349	6,293	693
27930	Photoengraving.....	214,748	(D)	-	-	(D)	196,257	1,842	6,765	(D)	3,537	3,786	1,542
27940	Electrotyping and stereotyping.	71,914	-	-	-	3,427	991	61,677	(D)	(D)	1,990	295	23,203
	Other products.....	(X)	24,624	27,189	5,500	6,588	8,904	6,420	(X)	(X)	(X)	(X)	(X)
2751-	Printing: Letterpress.....	(X)	827	5,306	1,004	1,430	1,570	221	(X)	(X)	(X)	(X)	(X)
2752-	Printing: Lithographic.....	(X)	3,905	(D)	(D)	2,063	5,711	847	(X)	(X)	(X)	(X)	(X)
27530	Engraving and plate printing...	(X)	559	(D)	-	1,484	670	5,168	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	19,333	19,840	(D)	1,611	953	184	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts, total....	(X)	24,886	16,143	14,901	4,027	5,776	5,158	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	17,610	13,326	5,220	3,070	4,311	4,473	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts...	(X)	7,276	2,817	9,681	957	1,465	685	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 100 thousand. n.s.k. Not specified by kind.

¹ Industry 2649, Converted Paper Products, N.E.C., had shipments which totaled \$2 million or more but is withheld to avoid disclosing figures for individual companies.

² Industry 2645, Die Cut Paper and Board, had receipts which totaled \$2 million or more but are withheld to avoid disclosing individual company figures.

³ Includes \$3.4 million receipts by product class 26491, Stationery, tablets, and related products, and \$9.1 million receipts by product class 26492 Wrapping products (gift wrap, etc.). In addition, the following product classes total \$2 million or more but are withheld to avoid disclosing individual company figures: 22991, Bonded fiber fabrics (nonwoven textiles including nonwoven ribbons for gift tyings); and 26543, Other sanitary food containers, boards, and trays (including frozen food, butter, oleo, etc.).

⁴ Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 26491, Stationery, tablets, and related products; 27612, Manifold business forms, unit-set.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Total shipments including interplant transfers			
		1963		1958	
		Quantity (million copies sold)	Value of receipts (\$1,000)	Quantity (million copies sold)	Value of receipts (\$1,000)
2771- --	GREETING CARDS, TOTAL.....	(X)	310,170	(X)	276,588
27711 --	Greeting cards, publishers' sales.....	5,385	262,771	5,127	233,970
27711 11	Christmas cards.....	2,611	104,048	2,870	103,775
27711 21	Seasonal cards other than Christmas.....	1,170	54,968	1,040	50,061
27711 31	Other greeting cards.....	1,604	98,304	1,217	75,268
27711 00	Not specified by kind.....	(NA)	5,451	(NA)	4,866
27712 --	Greeting cards, printed for publication by others.....	(X)	39,936	(X)	37,941
27712 11	Letterpress process.....	(X)	17,489	(X)	19,620
27712 51	Lithographic process.....	(X)	20,070	(X)	17,844
27712 00	Other (including engraving and gravure process).....	(X)	2,377	(X)	477
27710 00	Greeting cards, receipts, n.s.k.....	(X)	7,463	(X)	4,677
	Product			Total shipments including interplant transfers	
				1963	1958
2782- --	BLANKBOOKS; LOOSELEAF BINDERS AND DEVICES, TOTAL.....			252,042	213,648
27821 --	Blankbook making, total.....			124,308	118,489
27821 11	Ledgers and account books other than sales books.....			10,310	11,004
27821 31	Albums and scrap books, including record, photograph, and stamp albums, etc.....			24,053	21,902
27821 35	Diaries and appointment books.....			7,473	7,121
27821 43	Checkbooks, including inserts and refills but excluding those in continuous form and die cut: Letterpress process.....			45,678	27,643
27821 45	Lithographic process.....			14,416	18,496
27821 55	Miscellaneous blankbooks, including address books and case-made memo books, sewed or glued to leather, imitation leather, or similar materials.....			18,681	14,886
27821 61	Paper ruling (pens and discs).....			1,670	8,199
27821 00	Blankbook making and paper ruling, n.s.k.....			2,027	9,238
27822 --	Looseleaf binders and devices, total.....			119,607	95,159
27822 11	Looseleaf forms and fillers (pen ruled or printed only).....			15,819	17,661
27822 21	Looseleaf indexes.....			6,117	6,890
27822 31	Looseleaf binders.....			84,105	59,652
27822 71	Looseleaf parts sold separately.....			10,857	8,204
27822 00	Looseleaf devices, binders, forms, and fillers, n.s.k.....			2,709	2,752
27820 00	Blankbooks, looseleaf binders and devices, n.s.k.....			8,127	-
				Value of receipts (\$1,000)	
				1963	1958
2789- --	BOOKBINDING AND MISCELLANEOUS RELATED WORK.....			243,236	190,956
27891 --	Edition, library and other hard cover bookbinding: Edition, library and trade binding (printing and binding of books by the publisher are included in the book publishing industry, SIC 2731. Printing and binding of books published by others are included in the data for book printing, SIC 2732.).....			109,264	83,274
27891 13	Edition binding (hardbound): General trade books.....			27,602	62,967
27891 15	Textbooks.....			20,942	
27891 17	Reference books, e.g., encyclopedias, dictionaries, etc.....			20,083	
27891 19	Other books.....			13,106	
27891 41	Library binding, include rebinding and prebinding of books for library use, hard cover binding of periodicals and records, and other hard cover binding, except edition.....			24,223	14,528
27891 00	Edition, library, and other hard cover bookbinding, not reported by kind.....			3,308	5,779
27892 --	Other book and pamphlet binding and related binding work.....			117,624	95,804
27892 23	Soft cover binding of books (49 or more pages, exclusive of cover).....			8,750	35,822
27892 25	Pamphlet and other soft cover binding.....			37,528	
27892 61	Mechanical binding (wire, plastic, etc.) of products printed elsewhere.....			16,127	
27892 91	Receipts for miscellaneous bookbinding work (material printed elsewhere): Embossing, varnishing, indexing, mounting, and other service operations related to bookbinding, including sample and color cards (material printed elsewhere).....			49,920	42,704

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Value of receipts (\$1,000)	
		1963	1958
2789- --	BOOKBINDING AND MISCELLANEOUS RELATED WORK—Continued		
27982 --	Other book and pamphlet binding and related binding work—Continued		
27892 00	Other book and pamphlet binding and related binding work not reported by kind.....	5,299	-
27890 00	Bookbinding (books printed elsewhere), n.s.k.....	16,348	11,878
2791- --	TYPESETTING		
27910 --	Typesetting.....	249,611	175,466
27910 11	Hot metal and related typesetting, including all hand and machine typesetting, composition and such other typographic services involving metal and not associated with photographic (film), typesetting or cold (typewriter), typesetting and their related processes.....	196,080	175,466
27910 13	Photographic typesetting, including phototypesetting, photolettering and such other typographic processes and services which employ photographic equipment and/or photographic material and techniques.....	16,733	
27910 15	Cold typesetting, including all nonmetallic, nonphotographic typesetting and composition normally produced by direct-impression of a typewriter mechanism, as well as subsequent associated procedures, and related processes.....	14,844	
27910 00	Typesetting, n.s.k.....	¹ 21,954	
2793- --	PHOTOENGRAVING		
27930 11	Photoengraving plates made for others.....	214,748	208,510
2794- --	ELECTROTYPING AND STEREOTYPING		
27940 --	Electrotyping and stereotyping.....	71,914	81,479
	Duplicate plates made for others:		
27940 11	Electrotypes.....	47,830	58,220
27940 31	Stereotypes.....	2,373	4,408
27940 51	Matrixes.....	19,217	14,156
27940 00	Electrotyping, stereotyping and matrixes made for others, not reported separately ¹	2,494	4,695

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Accounted for by small establishments which were not requested to report their receipts in the detail shown above.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
2771-	Greeting cards ¹.....1963..	141	100
	.....1958..	130	98
27711	Greeting cards, publishers' sales.....1963..	140	101
	.....1958..	129	98
2782-	Blankbooks; looseleaf binders.....1963..	(²)	(²)
	.....1958..	(²)	(²)
2789-	Bookbinding and related work.....1963..	(²)	(²)
	.....1958..	(²)	(²)
279--	Printing trades services.....1963..	(²)	(²)
	.....1958..	(²)	(²)

¹Adjusted to include receipts for printing greeting cards for publication by others (product class 27712) and receipts not specified by kind.

²Quantity data were not collected in the reporting of these products and services.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2771-	Greeting card manufacturing.....\$1,000..	310,170	320,046	307,541	307,112	296,250	276,588	217,501	129,267
27711	Greeting card publishers' sales:								
	Quantity.....million copies sold..	5,385	(X)	(X)	(X)	(X)	5,127	3,965	2,990
	Value.....\$1,000..	262,771	282,051	265,754	263,299	240,447	233,970	184,988	107,716
27712	Greeting cards printed for publication by others.....do....	39,936	(31,296)	(34,422)	(S)	46,954	37,941	31,022	21,551
27710	Greeting card manufacturing, n.s.k. ....do....	7,463	(6,699)	(7,365)	(S)	(8,849)	4,677	1,491	-
2782-	Blankbooks; looseleaf binders.....do....	252,042	309,187	280,858	238,106	224,196	213,648	135,115	105,098
27821	Blankbook making.....do....	124,308	(168,520)	(156,233)	124,575	115,935	118,489	64,659	53,057
27822	Looseleaf binders and devices.....do....	119,607	(140,667)	(124,625)	(113,313)	(108,261)	95,159	70,456	52,041
27820	Blankbooks, looseleaf binders, n.s.k.....do....	8,127	-	-	(218)	-	-	-	-
2789-	Bookbinding and related work.....do....	243,236	220,915	220,369	223,958	209,345	190,956	139,766	128,596
27891	Edition, library, and other hard cover bookbinding.....do....	109,264	88,771	86,251	91,329	93,851	83,274	62,826	79,175
27892	Other book and pamphlet binding and related binding work.....do....	117,624	(109,690)	114,618	116,137	104,743	95,804	62,171	49,421
27890	Bookbinding and related work, n.s.k.do....	16,348	(22,454)	(19,500)	(16,492)	(10,751)	11,878	14,769	-
27910	Typesetting.....do....	249,611	(193,744)	177,436	188,267	185,645	175,466	132,135	81,034
27930	Photoengraving.....do....	214,748	191,454	181,171	208,722	212,239	208,510	176,126	133,438
27940	Electrotyping and stereotyping.....do....	71,914	73,354	76,105	79,150	80,467	81,479	84,439	60,911

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of receipts		Product class and geographic area	Value of shipments		Product class and geographic area	Value of receipts	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
GREETING CARD PUBLISHERS' SALES (27711)			BLANKBOOK MAKING (27821) Continued			OTHER BOOK AND PAMPHLET BINDING AND RELATED BINDING WORK (27892)		
United States, total.....	262,771	233,970	West.....	16,682		United States, total....	117,624	95,804
New England.....	39,399	39,637	California.....	13,967		New England.....	5,166	3,287
Massachusetts.....	23,324	26,428				Massachusetts.....	3,355	2,680
Middle Atlantic.....	58,093	64,711	LOOSELEAF BINDERS AND DEVICES (27822)	1963 ¹	1958	Connecticut.....	1,517	(Z)
New York.....	51,998	58,555	United States, total....	119,607	95,159	Middle Atlantic.....	57,725	49,649
New Jersey.....	3,456	3,031	New England.....	15,526	46,684	New York.....	42,101	37,048
Pennsylvania.....	2,639	3,125	Middle Atlantic.....	40,719	24,583	New Jersey.....	7,249	5,380
North Central.....	158,822	121,940	New York.....	28,429	(2)	Pennsylvania.....	8,375	7,221
Illinois.....	17,717	20,364	New Jersey.....	9,021	(2)	East North Central.....	29,264	24,790
South and West.....	6,457	7,682	Pennsylvania.....	3,269	(2)	Ohio.....	3,939	4,502
California.....	4,537	5,396	East North Central.....	32,785	30,443	Indiana.....	2,121	1,124
GREETING CARDS PRINTED FOR PUBLICATION BY OTHERS (27712)	1963 ¹		Ohio.....	1,712	2,900	Illinois.....	16,946	14,721
United States, total.....		39,936	Illinois.....	23,057	19,420	Michigan.....	4,928	3,656
New England.....		6,722	Michigan.....	4,031	(Z)	Wisconsin.....	1,330	(Z)
Massachusetts.....		5,752	Wisconsin.....	3,484	3,773	West North Central.....	6,180	4,261
Middle Atlantic.....		9,973	West North Central.....	14,135	4,279	Missouri.....	3,144	2,660
New York.....		9,017	Missouri.....	11,600	3,392	South Atlantic.....	8,801	5,213
East North Central.....		7,545	South Atlantic.....	2,007	(Z)	Maryland.....	4,226	2,002
Ohio.....		2,792	East South Central.....	1,601	1,792	Georgia.....	1,183	(Z)
Illinois.....		4,659	West South Central.....	2,191	2,538	East South Central.....	1,171	1,288
West North Central.....		4,300	West.....	10,643	(2)	West South Central.....	3,639	2,462
South and West.....		11,396	California.....	10,136	7,962	Texas.....	3,332	2,298
California.....		10,506				West.....	5,678	4,854
	Value of shipments		EDITION, LIBRARY, AND OTHER HARD COVER BOOKBINDING (27891)	Value of receipts		California.....	4,632	4,296
BLANKBOOK MAKING (27821)	1963 ¹		United States, total....	1963 ¹	1958	ELECTROTYPE AND STEREOTYPING (27940)	1963 ¹	
United States, total.....		124,308	New England.....	109,264	83,274	United States, total....		71,914
New England.....		17,227	Massachusetts.....	5,169	6,703	New England.....		6,310
Massachusetts.....		9,591	Middle Atlantic.....	4,786	4,353	Massachusetts.....		2,844
Middle Atlantic.....		36,288	New York.....	37,302	36,257	Middle Atlantic.....		23,351
New York.....		20,671	New Jersey.....	25,608	31,007	New York.....		16,438
New Jersey.....		11,405	Pennsylvania.....	7,106	2,981	New Jersey.....		2,844
Pennsylvania.....		4,212	East North Central.....	4,588	2,269	Pennsylvania.....		4,069
East North Central.....		23,925	Ohio.....	44,833	28,472	East North Central.....		30,601
Ohio.....		5,219	Indiana.....	2,008	1,619	Ohio.....		4,789
Indiana.....		3,347	Illinois.....	7,594	5,719	Indiana.....		2,120
Illinois.....		11,081	Illinois.....	33,161	18,413	Illinois.....		17,987
West North Central.....		13,670	Michigan.....	1,469	2,104	Michigan.....		4,048
Missouri.....		3,706	West North Central.....	4,928	3,459	Wisconsin.....		1,657
South Atlantic.....		8,425	Minnesota.....	1,244	(Z)	West North Central.....		2,540
Maryland.....		4,570	Missouri.....	3,316	2,801	Minnesota.....		1,075
East South Central.....		2,148	South.....	10,232	(2)	Missouri.....		1,224
West South Central.....		5,943	Maryland.....	2,564	1,874	South Atlantic.....		2,280
Oklahoma.....		1,534	Texas.....	1,719	1,123	District of Columbia.....		1,432
Texas.....		4,125	Mountain.....	1,788	(Z)	East South Central.....		1,850
			Pacific.....	5,012	3,161	West South Central.....		1,280
			California.....	4,355	2,787	Texas.....		1,247
						West.....		3,702
						California.....		3,393

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 27711, New Hampshire, Vermont, Rhode Island, Connecticut, Ohio, Michigan, Minnesota, Missouri, Kansas, and Maryland; 27712, Missouri and Kansas; 27821, Connecticut, Michigan, Wisconsin, Minnesota, Iowa, Kansas, Georgia, Kentucky, and Colorado; 27822, Massachusetts, Minnesota, Georgia, and Texas; 27891, Virginia and North Carolina; 27892, Minnesota, Iowa, and Tennessee; 27940, Connecticut and Tennessee.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963		1958	
		Total quantity of paper consumed (short tons)	Delivered cost (\$1,000)	Total quantity of paper consumed (short tons)	Delivered cost (\$1,000)
INDUSTRY 2771.—GREETING CARD MANUFACTURING					
	Materials, parts, and supplies, total.....	(X)	89,399	(X)	71,982
264101	Coated paper, all types.....	25,685	9,106	11,235	5,142
262102	Uncoated papers (groundwood, book, bond, writing, ledger, and manifold).....	46,943	15,827	47,241	16,214
262150	Bristols, cover, text, and other specialty paper uncoated.....	10,839	4,042	27,172	10,616
264200	Purchased envelopes (quantity in thousands of envelopes).....	3,211,141	8,132	(X)	(X)
262101	All other paper and board.....	(NA)	727	(NA)	5,661
976000	Materials not specified ¹	(X)	15,463	(X)	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....	(X)	36,102	(X)	34,349
INDUSTRY 2782.—BLANKBOOKS; LOOSELEAF BINDERS					
	Materials, parts, and supplies, total.....	(X)	87,572	(X)	74,287
262111	Newsprint.....	(X)	(²)	(X)	33,008
262101	All other paper.....	(X)	30,055		
263151	Paperboard, excluding that used for shipping.....	(X)	7,459		
229505	Artificial leather and other coated or impregnated textile fabrics, except rubberized	(X)	8,470	(X)	41,279
260016	Artificial leather, leatherette cover paper, and artificial leather base paper made from wet machine board or paper.....	(X)	3,334		
976000	Materials not specified ¹	(X)	5,111		
970099	All other material and components, parts, containers, and supplies consumed, including ink, metals, type, etc.....	(X)	33,143		
INDUSTRY 2789.—BOOK BINDING AND RELATED WORK					
	Materials, parts, and supplies, total.....	(X)	46,402	(X)	37,158
262111	Newsprint.....	(X)	111	(X)	8,569
262101	All other paper.....	(X)	4,765		
263151	Paperboard, excluding that used for shipping.....	(X)	3,605		
229505	Artificial leather and other coated or impregnated textile fabrics, except rubberized.	(X)	5,916	(X)	28,589
260016	Artificial leather, leatherette cover paper, and artificial leather base paper made from wet board or paper.....	(X)	1,143		
976000	Materials not specified ¹	(X)	14,548		
970099	All other materials and components, parts, containers, and supplies consumed, including ink metals, type, etc.....	(X)	16,314		

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

²Less than \$100 thousand and included with "All other paper."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Greeting card manufacturing (SIC 2771)	Blank-books; looseleaf binders (SIC 2782)	Book-binding and related work (SIC 2789)	Photo-engraving (SIC 2793)	Electro-typing and stereo-typing (SIC 2794)
Total cost of purchased fuels and electric energy.....\$1,000..	2,093	2,148	1,432	1,198	990
Total cost of purchased fuels.....do....	761	611	370	353	329
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	(S)	(S)	-	-	-
Cost.....\$1,000..	(S)	(S)	-	-	-
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	32	35	10	(S)	(S)
Cost.....\$1,000..	125	141	29	(S)	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu.ft..	711	(S)	(S)	(S)	(S)
Cost.....\$1,000..	398	(S)	(S)	(S)	(S)
Other fuels.....do....	149	125	171	(S)	102
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	83	95	58	(S)	31
Cost.....\$1,000..	1,332	1,537	1,062	(S)	661
Generated less sold.....million kw.-hrs..	-	-	(S)	-	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	23	-	-	-	-
Prime movers, total.....do....	1	-	-	-	-
Driving generators.....do....	-	-	-	-	-
Not driving generators.....do....	1	-	-	-	-
Electric motors, total.....do....	22	-	-	-	-
Driven by purchased energy.....do....	22	-	-	-	-
Driven by energy generated at establishment.....do....	-	-	-	-	-
Aggregate horsepower per 100 production workers.....	149	-	-	-	-

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2771-	GREETING CARD MANUFACTURING										
	Entire industry.....	257	21,535	105,600	13,356	26,187	53,891	204,608	138,339	345,961	6,847
	Establishments with--										
	90% or more specialization..	221	15,906	74,918	10,698	20,883	41,099	141,525	92,781	235,338	3,632
27711	Greeting card publishers' sales (primary product class of estab.)	140	17,828	87,884	10,356	20,308	41,010	176,576	118,826	298,425	5,595
	Establishments with--										
	90% or more specialization....	114	12,539	59,311	8,183	16,070	30,283	117,738	73,325	192,017	3,029
27712	Greeting cards printed for publication by others (primary product class of estab.).....	48	2,444	13,354	1,899	3,767	9,437	20,449	14,095	34,683	1,074
	Establishments with--										
	90% or more specialization....	31	1,724	8,775	1,273	2,396	5,858	12,876	11,086	24,091	274
2782-	BLANKBOOKS; LOOSELEAF BINDERS										
	Entire industry.....	410	17,899	91,197	14,412	28,710	64,392	168,465	101,374	268,219	6,120
	Establishments with--										
	90% or more specialization..	323	10,307	50,271	8,604	17,317	36,233	91,334	53,529	144,839	3,514
	75-89% specialization.....	28	4,601	25,074	3,424	6,624	16,939	48,671	26,874	75,387	1,809
27821	Blankbook making (primary product class of estab.).....	155	8,283	43,379	6,906	13,966	31,497	76,043	42,105	117,910	3,178
	Establishments with--										
	90% or more specialization....	107	4,937	25,051	4,309	8,827	19,259	46,750	23,330	70,154	2,328
	75-89% specialization.....	14	1,274	6,813	990	1,959	4,681	11,240	6,450	17,815	317
27822	Looseleaf binders and devices (primary product class of estab.)	136	8,823	44,652	6,853	13,458	30,506	87,137	56,020	141,777	2,717
	Establishments with--										
	90% or more specialization....	90	3,435	16,289	2,729	5,370	10,748	28,839	21,218	50,049	685
2789-	BOOKBINDING AND RELATED WORK										
	Entire industry.....	1,043	24,338	114,977	21,664	40,849	92,900	172,298	57,501	228,477	7,994
	Establishments with--										
	90% or more specialization..	910	20,457	95,814	18,276	34,498	78,391	143,885	43,838	187,394	6,284
	75-89% specialization.....	35	1,383	6,864	1,200	2,255	5,359	9,628	4,865	14,577	479
27891	Edition, library, and other hard cover bookbinding (primary class of estab.).....	280	9,377	43,397	8,337	15,576	34,827	64,027	32,170	95,322	3,049
	Establishments with--										
	90% or more specialization....	223	6,833	30,469	6,102	11,386	25,062	45,196	21,107	66,329	1,603
	75-89% specialization.....	18	894	4,842	800	1,526	3,943	6,611	3,280	10,080	424
27892	Other book and pamphlet binding and related binding work (primary product class of estab.).....	464	12,231	60,156	10,858	20,829	48,471	90,186	20,900	110,630	4,025
	Establishments with--										
	90% or more specialization....	381	9,610	47,183	8,609	16,637	38,309	70,272	14,519	84,417	3,098
	75-89% specialization.....	41	1,449	7,075	1,237	2,255	5,562	10,564	3,521	14,058	417
2794-	ELECTROTYPING AND STEREOTYPING										
	Entire industry.....	184	5,116	39,290	3,768	7,266	28,485	57,173	18,973	76,068	985
	Establishments with--										
	90% or more specialization..	137	3,055	23,601	2,258	4,366	17,158	34,831	12,119	46,902	590
	75-89% specialization.....	14	765	5,805	561	1,062	4,191	8,706	2,486	11,167	74

Chemicals and Allied Products

- ✓ 28A Industrial inorganic and organic chemicals
- 28B Plastics materials, synthetic rubber, and man-made fibers
- ✓ 28C Drugs
- 28D Cleaning and toilet products
- 28E Paints and allied products and gum and wood chemicals
- ✓ 28F Agricultural chemicals
- ✓ 28G Miscellaneous chemical products

This major group includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) Basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; and (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps, or to be used as materials or supplies in other industries, such as paints, fertilizers, and explosives. The mining of natural rock salt and the recovery of sodium, potassium, and boron compounds from natural salts are classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33. Primary Metal Industries; silicon carbide, in Industry 3291, Abrasive Products; and baking powder, other leavening compounds, and starches in Major Group 20, Food and Kindred Products. Establishments primarily engaged in packaging, repacking, and bottling of purchased chemicals and allied products are classified in trade industries.

The industrial classification system provides for separate groupings of plant manufacturing by chemical process products which are essentially (a) raw materials for other industries, and (b) finished consumption goods such as drug preparations, paint, soap, fertilizers, formulated insecticides or cosmetics. While these distinctions may be made for a host of chemical products, they are by no means definitive in the case of a number of such products and of the

plants producing them. When such problems arose, the decisions made were primarily based upon the following criteria:

- (a) Whether the product produced is a compound or a mixture and/or formulation. In the former case, the product is considered to be a basic chemical while mixtures and formulations have the characteristic of finished consumer goods;
- (b) Whether the plant is engaged in activities which result in a product chemically different from the raw materials it uses (prime producers) or whether the resultant product is merely a modified form or grade of the chemical purchased. For example, distinctions are made between plants producing high strength hydrogen peroxide (prime producer) and those making a weak strength product from purchased high strength material; or between plants whose products are shipped to chemical processors and those whose activity is devoted to the preparation of packaged products, destined primarily for household or consumer use.

The classification system not only draws a line of demarcation between chemical processing industries and chemical consuming industries, but also requires in a few areas that distinctions be made among the latter industries. For example, the industry classification system specifies that plants primarily engaged in manufacturing mixed fertilizers from one or more phosphatic fertilizer materials produced in the same establishment be classified in Industry 2871, Fertilizers, while plants engaged only in mixing fertilizers be classified in Industry 2872, Fertilizers, mixing only.

See the "Introduction" for a description of the conditions under which plants performing some manufacturing may be classified in "business" or "mining." Prior to 1963, for example, all plants producing potash salts from mined ores, regardless of process used, are classified in mining, whereas plants producing salt (sodium chloride) by evaporation are classified in manufacturing, and those mining natural rock, in mining. While measures of the volume of merchandising activity (sale of goods bought and resold without further processing) are available (see table 3), there are none indicating the volume of manufacturing performed by establishments classified in Wholesale or Retail Trade. However, the amount is believed to be relatively significant in such fields as Polishes

and Sanitation Goods (Industry 2842), Fertilizers (Industries 2871 and 2872) and Agricultural Chemicals, N.E.C. (Industry 2879).

In recent years the Federal Government has expanded its operation in the chemical industries. Following the SIC recommendations, census data since 1947 include information for all government-owned and contractor operated facilities. The amount of government activity included in Industry 2819, Inorganic Chemicals for 1963, may be determined from table 1, page 28A-9, table 3, page 28A-13, or table 4, page 28A-15. Also, see text for Industry 2892, Explosives, page 28G-2, for information on government activity included in data for this industry.

CHEMICALS AND ALLIED PRODUCTS: MAJOR GROUP 28

Value Added by Manufacture by State: 1963

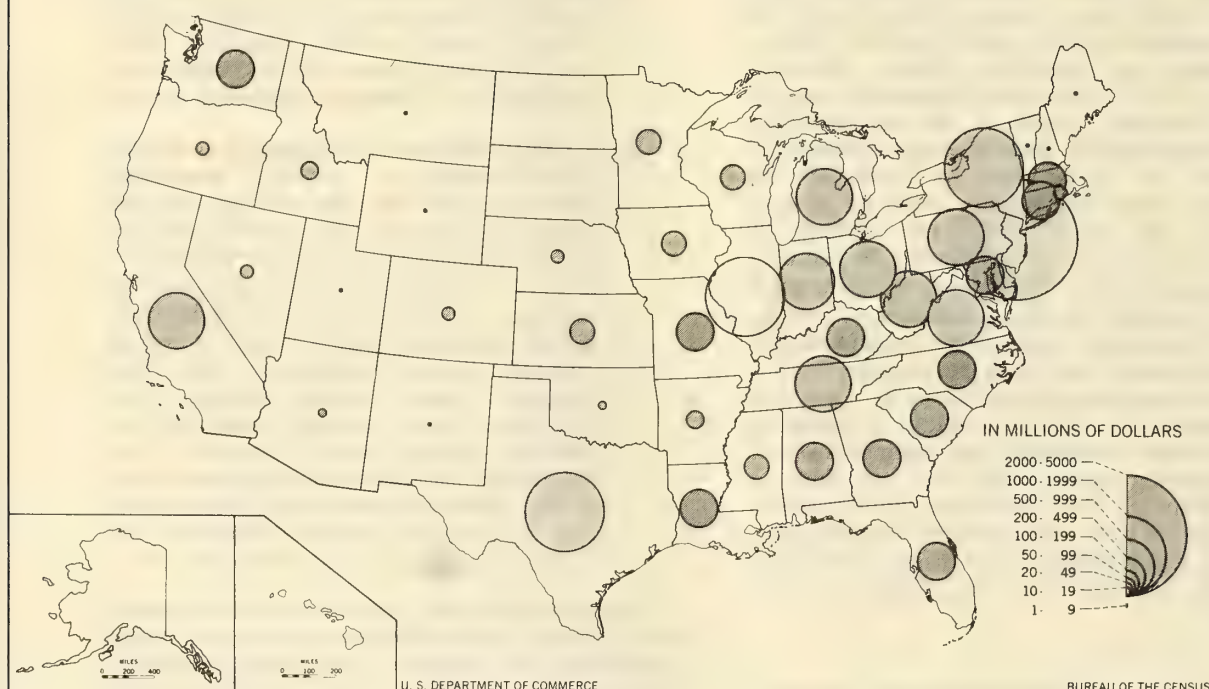


TABLE 1. General Statistics: 1963 and Earlier Years

Year and item	Establishments		All employees ¹		Production workers			Value added by manufacture, adjusted ²	Cost of materials ³	Value of shipments ³	Capital expenditures, new ⁴
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)				
ALL MANUFACTURING ESTABLISHMENTS, TOTAL:											
1963 ⁵	12 575	4 368	853 121	6 013 617	474 141	963 361	2 779 938	17 586 138	14 255 096	31 772 722	1 545 689
1958 ⁵	11 837	4 029	783 870	4 604 479	453 112	908 357	2 242 138	12 308 024	(NA)	21 026 043	1 243 939
1954 ⁵	11 074	3 959	795 878	3 782 772	498 745	1 011 048	1 994 220	9 546 908	(NA)	(NA)	926 610
ADMINISTRATIVE AND AUXILIARY UNITS:											
1963 ⁶	579	383	115 707	1 043 774	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1958 ⁶	465	276	85 558	664 018	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1954 ⁶	(NA)	(NA)	61 982	405 813	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OPERATING MANUFACTURING ESTABLISHMENTS:											
1963	11 996	3 985	737 414	4 969 843	474 141	963 361	2 779 938	17 656 138	14 255 096	31 772 722	1 545 689
1958	11 372	3 753	698 312	3 940 461	453 112	908 357	2 242 138	12 308 024	(NA)	21 026 043	1 243 939
1954	11 074	3 959	733 896	3 376 959	498 745	1 011 048	1 994 220	9 546 908	(NA)	(NA)	926 610
OPERATING MANUFACTURING ESTABLISHMENTS:											
1962 ⁷	(NA)	(NA)	727 278	4 755 010	470 131	952 956	2 647 245	16 009 060	13 345 417	29 357 312	1 381 824
1961 ⁷	(NA)	(NA)	712 871	4 523 589	460 375	932 106	2 520 635	14 804 508	12 494 626	27 245 367	1 500 171
1960 ⁷	(NA)	(NA)	725 615	4 421 718	469 621	943 544	2 473 170	14 415 235	(NA)	(NA)	1 285 269
1959 ⁷	(NA)	(NA)	717 680	4 233 355	470 923	948 961	2 409 483	14 335 717	(NA)	(NA)	1 102 700
1957 ⁷	(NA)	(NA)	757 169	4 035 715	505 600	1 018 114	2 322 291	12 372 911	(NA)	(NA)	1 264 438
1956 ⁷	(NA)	(NA)	754 630	3 851 967	514 868	1 040 187	2 266 298	11 894 272	(NA)	(NA)	1 081 747
1955 ⁷	(NA)	(NA)	741 131	3 566 435	507 879	1 026 982	2 116 782	11 107 861	(NA)	(NA)	761 191
1953 ⁷	(NA)	(NA)	768 425	3 400 132	536 124	1 093 799	2 102 610	9 320 348	(NA)	(NA)	943 977
1952 ⁷	11 007	(NA)	739 437	3 116 834	513 336	1 062 534	1 903 590	8 539 266	(NA)	(NA)	1 018 992
1951 ⁷	10 909	(NA)	702 906	2 784 370	497 513	1 028 738	1 733 029	8 164 512	(NA)	(NA)	980 478
1950 ⁷	10 339	(NA)	642 469	2 341 957	456 591	954 775	1 470 795	7 236 618	(NA)	(NA)	602 998
1949 ⁷	(NA)	(NA)	612 030	2 092 082	440 060	921 836	1 319 495	5 847 549	(NA)	(NA)	598 126
1947	10 019	(NA)	626 418	1 898 472	464 144	974 684	1 236 012	5 317 001	(NA)	(NA)	804 958
1939 ⁸	8 839	(NA)	(NA)	(NA)	275 669	(NA)	342 068	1 818 941	(NA)	(NA)	(NA)
1937	8 337	(NA)	(NA)	(NA)	303 291	(NA)	366 264	1 731 584	(NA)	(NA)	(NA)
1935	8 225	(NA)	(NA)	(NA)	10293 493	(NA)	11281 503	1 362 960	(NA)	(NA)	(NA)
1933	7 297	(NA)	302 036	305 788	254 011	(NA)	216 822	1 120 562	(NA)	(NA)	(NA)
1931 ¹¹	8 324	(NA)	(NA)	(NA)	248 238	(NA)	259 444	1 358 942	(NA)	(NA)	(NA)
1929	9 327	(NA)	381 618	549 968	307 387	(NA)	352 303	1 737 266	(NA)	(NA)	(NA)
1927 ¹²	8 594	(NA)	347 825	491 906	278 053	(NA)	318 964	1 473 644	(NA)	(NA)	(NA)
1925 ¹³	8 160	(NA)	(NA)	(NA)	260 872	(NA)	296 823	1 320 058	(NA)	(NA)	(NA)
1923 ¹⁴	8 253	(NA)	340 004	459 281	264 297	(NA)	285 800	1 184 500	(NA)	(NA)	(NA)
1921	8 208	(NA)	278 927	369 058	212 264	(NA)	218 396	833 662	(NA)	(NA)	(NA)
1919	10 688	(NA)	387 928	497 216	293 466	(NA)	306 413	1 197 948	(NA)	(NA)	(NA)
1914	10 698	(NA)	269 153	192 109	207 654	(NA)	106 080	456 929	(NA)	(NA)	(NA)
1909	10 280	(NA)	235 360	143 862	184 976	(NA)	81 970	401 389	(NA)	(NA)	(NA)
1904	8 370	(NA)	191 183	102 545	158 410	(NA)	65 033	286 271	(NA)	(NA)	(NA)
1899 ¹⁵	7 669	(NA)	169 862	79 630	143 552	(NA)	50 878	211 778	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The figures for 1939 through 1963 include data for employees of manufacturing establishments who are engaged in distribution and construction work. The extent to which data for such employees are included in the figures for earlier years is not known.

²For the period 1954 to 1963, figures represent adjusted value added by manufacture and for earlier years, unadjusted value added. Adjusted value added is equal to value of shipments (including resales of finished products) less cost of finished products, materials, supplies, fuel, electric energy and contract work, plus the net change in the value of finished products and work-in-process inventories between the beginning and end of the year, without adjustment for price changes. Unadjusted value added is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. For 1899 to 1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

³The total value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry classification. For a more complete explanation, see Introduction.

⁴The figures for 1958 to 1963 include expenditures for plants under construction and not yet in operation.

⁵The figures for 1949 to 1963 include data for Government-owned plants operated by private firms for the account of the Federal Government. See text for further explanation.

⁶In addition to data for operating establishments, figures for employment and payroll for manufacturing central administrative offices and auxiliary units are shown for the years 1949 to 1953 in the annual survey of manufactures volumes. Data for these units are not available for the years 1955 to 1957, 1959 to 1962, and prior to 1949.

⁷These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete

canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

⁸The figures prior to 1939 include data for establishments primarily engaged in manufacture of electrometallurgical products, included from 1939 in the "Primary metal" industries. Value added by manufacture for 1939, including data for these establishments and on a basis comparable with earlier years, was \$1,837.5 million.

⁹The figures for 1899 to 1935 but not for later years, include data for establishments primarily engaged in mining of rock salt or in smelting and refining of aluminum. Value added by manufacture for 1937, including data for these establishments and on a basis comparable with 1935, was \$1,759.1 million.

¹⁰The figures for 1899 to 1935, but not for later years, include data for woods employees of the Gum naval stores industry. Woods employees in 1937 (for which data are not included in the figures) were reported as follows: Production and related workers, 30,880 and wages \$8.6 million.

¹¹The figures for 1899 to 1931 do not include data for establishments primarily engaged in manufacture of ethyl alcohol, included for these years in the figures for the "Food and kindred products" industries.

¹²The figures for 1899 to 1927 include data for establishments other than petroleum refineries engaged in the manufacture of lubricating oils, which are included for later years in the series for the petroleum and coal products industries.

¹³The figures for 1899 to 1925 include data for establishments primarily engaged in manufacturing of vegetable cooking oils, included for later years in the series for the food and kindred products industries.

¹⁴The figures for 1899 to 1923, but not for later years, include data for certain establishments primarily engaged in manufacture of rubber cement. Value added by manufacture for 1925, including data for these establishments and on a basis comparable with 1923, was \$1,321.2 million.

¹⁵The figures for 1899 only include data for establishments primarily engaged in manufacture of candles. Value added by manufacture for 1904, including data for these establishments and on a basis comparable with 1899, was \$287.2 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Code	Industry group and geographic area	1963								1958		
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
28	CHEMICALS AND ALLIED PRODUCTS, TOTAL	11 996	3 985	737 414	4 969 843	474 141	963 361	2 779 938	17 586 138	1 545 689	698 312	12 308 024
	NORTHEAST	3 777	1 221	222 623	1 500 150	139 001	281 658	800 139	5 052 931	313 258	214 585	3 678 605
	NEW ENGLAND	756	214	30 937	199 452	19 809	40 629	108 724	588 911	44 498	27 039	386 086
	MAINE	30	7	585	2 662	459	950	1 778	5 700	4 168	637	5 558
	NEW HAMPSHIRE	25	6	602	3 623	449	984	2 181	7 765	490	244	3 078
	VERMONT	13	4	304	1 605	238	540	1 121	3 954	237	207	3 577
	MASSACHUSETTS	442	129	15 861	103 153	10 475	21 053	58 058	271 994	22 241	15 532	225 729
	RHODE ISLAND	78	24	2 498	14 590	1 572	3 555	8 193	33 608	4 691	1 612	18 185
	CONNECTICUT	168	44	11 087	73 819	6 616	13 547	37 393	265 890	12 671	8 807	129 959
	MIDDLE ATLANTIC	3 021	1 007	191 686	1 300 698	119 192	241 029	691 415	4 464 020	268 760	187 546	3 292 519
	NEW YORK	1 316	343	61 352	398 946	39 763	80 922	218 780	1 373 598	62 893	64 261	1 110 814
	NEW JERSEY	1 024	418	84 529	602 196	51 231	104 208	316 440	2 103 260	144 875	79 362	1 457 830
	PENNSYLVANIA	681	246	45 805	299 556	28 198	55 899	156 195	987 162	60 992	43 923	723 875
	NORTH CENTRAL	3 453	1 164	191 166	1 299 161	119 685	243 429	710 421	4 635 346	335 279	190 092	3 408 711
	EAST NORTH CENTRAL	2 578	891	152 504	1 050 900	95 416	194 362	577 301	3 697 853	237 941	154 463	2 735 603
	OHIO	743	286	43 323	290 615	26 833	54 002	160 054	956 050	66 210	44 287	695 624
	INDIANA	239	83	22 185	162 486	12 786	26 179	77 634	597 366	44 166	22 415	492 923
	ILLINOIS	921	324	47 468	311 105	28 758	58 370	159 979	1 218 465	72 921	46 176	847 831
	MICHIGAN	431	137	33 595	248 870	23 414	48 406	159 945	761 996	47 924	35 304	593 904
	WISCONSIN	244	61	5 933	37 824	3 625	7 405	19 689	163 976	6 720	6 281	105 321
	WEST NORTH CENTRAL	875	273	38 662	248 261	24 269	49 067	133 120	937 493	97 338	35 629	673 108
	MINNESOTA	188	52	5 646	36 051	3 532	7 001	18 448	166 551	6 773	4 995	123 635
	IOWA	132	32	4 946	29 956	3 074	5 971	15 882	152 165	16 145	4 442	92 684
	MISSOURI	387	129	19 558	128 740	11 880	24 220	65 956	395 319	22 702	18 535	302 606
	NORTH DAKOTA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	SOUTH DAKOTA	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	NEBRASKA	48	19	2 085	12 355	1 172	2 397	5 985	41 974	9 116	1 750	27 023
	KANSAS	108	37	6 224	40 095	4 474	9 196	26 213	179 704	42 523	5 749	125 461
	SOUTH	2 967	1 112	266 780	1 772 277	181 638	369 910	1 062 058	6 648 162	814 929	240 394	4 296 885
	SOUTH ATLANTIC	1 474	550	139 464	875 373	96 227	195 723	525 968	3 057 713	358 959	121 273	1 934 998
	DELAWARE	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5 653	92 906
	MARYLAND	207	88	14 227	83 867	9 847	20 024	51 519	298 182	17 191	12 908	192 548
	DISTRICT OF COLUMBIA	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	162	1 874
	VIRGINIA	163	68	35 106	222 203	24 299	49 246	134 635	609 341	83 116	30 592	452 453
	WEST VIRGINIA	65	36	22 573	167 663	16 542	33 421	112 957	783 235	97 787	22 864	451 751
	NORTH CAROLINA	242	78	14 639	79 601	9 703	19 264	42 823	273 226	29 489	11 111	150 565
	SOUTH CAROLINA	104	38	16 181	104 403	10 014	20 081	51 669	342 833	17 406	13 825	230 106
	GEORGIA	272	111	10 848	57 548	7 491	15 627	32 733	220 360	14 967	9 624	129 396
	FLORIDA	370	109	18 143	103 652	13 443	28 057	68 677	346 897	54 443	14 534	233 399
	EAST SOUTH CENTRAL	533	235	63 541	421 917	43 114	87 491	247 384	1 420 609	165 048	59 659	931 688
	KENTUCKY	106	51	11 189	81 369	7 303	15 233	49 317	273 669	54 299	9 794	203 248
	TENNESSEE	204	95	39 820	270 621	26 718	53 518	153 375	826 807	90 583	38 128	535 125
	ALABAMA	142	60	8 490	48 902	6 022	12 335	31 170	216 531	13 176	8 191	139 730
	MISSISSIPPI	81	29	4 042	21 025	3 071	6 405	13 522	103 602	6 990	3 546	53 585
	WEST SOUTH CENTRAL	960	327	63 775	474 987	42 297	86 696	288 706	2 169 840	290 922	59 462	1 430 199
	ARKANSAS	49	15	3 330	21 834	2 604	5 204	15 979	71 329	5 014	3 229	49 411
	LOUISIANA	182	68	15 629	116 804	11 116	23 149	76 922	435 387	98 488	16 240	310 264
	OKLAHOMA	99	13	1 278	7 678	691	1 418	3 466	18 410	3 865	1 185	15 695
	TEXAS	630	231	43 538	328 671	27 886	56 925	192 339	1 644 714	183 555	38 808	1 054 829
	WEST	1 796	486	56 584	396 245	33 238	67 165	205 223	1 269 571	83 299	53 241	923 823
	MOUNTAIN	250	60	7 980	53 888	4 745	9 620	28 186	176 020	11 472	8 110	130 641
	MONTANA	16	4	278	1 690	218	442	1 242	5 231	292	(D)	(D)
	IDAHO	17	5	3 232	24 349	1 591	3 395	10 548	75 193	2 253	2 425	41 345
	WYOMING	5	1	52	394	35	78	273	717	35	26	193
	COLORADO	85	20	1 694	10 389	1 107	2 171	5 918	43 926	1 648	1 966	33 534
	NEW MEXICO	15	4	248	1 520	158	308	967	2 826	749	347	5 875
	ARIZONA	59	10	854	5 408	484	998	2 498	16 469	2 024	701	8 774
	UTAH	39	10	773	4 703	542	1 117	3 116	9 385	1 138	1 034	17 287
	NEVADA	14	6	849	5 435	610	1 111	3 624	22 273	3 333	(D)	(D)
	PACIFIC	1 546	426	48 604	342 357	28 493	57 545	177 037	1 093 551	71 827	45 131	793 182
	WASHINGTON	144	40	10 908	89 646	6 509	13 271	47 458	238 150	2 861	10 924	173 907
	OREGON	90	24	1 541	10 081	922	1 858	5 309	34 528	4 677	1 322	19 726
	CALIFORNIA	1 286	354	35 703	240 102	20 812	41 906	123 126	809 488	63 857	32 588	596 736
	ALASKA	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	HAWAII	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
281	BASIC CHEMICALS, TOTAL	1 905	897	236 652	1 763 225	155 649	315 920	1 052 889	6 171 182	813 266	238 104	4 313 837
	NORTHEAST	557	261	57 525	420 820	38 114	77 713	251 470	1 162 064	132 026	58 349	856 761
	NEW ENGLAND	96	40	5 291	37 471	3 572	7 293	22 094	103 270	8 924	5 136	59 431
	MAINE	9	2	183	1 001	150	334	688	2 618	264	308	3 164
	MASSACHUSETTS	44	20	2 032	13 732	1 502	2 908	9 246	33 973	3 467	2 294	27 402
	RHODE ISLAND	17	10	768	4 961	547	1 137	2 871	16 407	2 077	449	6 160

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963							1958			
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
									(number)	(number)	(number)	(\$1,000)
281	BASIC CHEMICALS—CONTINUED											
	MIDDLE ATLANTIC	461	221	52 234	383 349	34 542	70 420	229 376	1 058 794	123 102	53 213	797 330
	NEW YORK	128	52	14 098	97 172	9 717	20 086	61 139	236 104	20 641	15 773	211 041
	NEW JERSEY	215	112	30 209	234 600	19 399	39 221	134 898	654 206	82 438	28 287	465 682
	PENNSYLVANIA	118	57	7 927	51 577	5 426	11 113	33 339	168 484	20 023	9 153	120 607
	NORTH CENTRAL	471	208	52 821	384 642	35 279	70 957	237 273	1 121 286	177 820	54 241	837 206
	EAST NORTH CENTRAL	366	163	41 951	307 196	28 102	56 458	192 587	890 102	115 700	43 422	657 551
	OHIO	144	66	15 725	111 475	10 274	19 816	67 503	311 801	36 500	17 917	250 581
	INDIANA	36	16	2 885	20 532	1 997	3 928	13 043	94 624	22 025	2 052	75 951
	ILLINOIS	93	48	9 865	71 541	6 469	13 169	42 852	223 192	28 919	9 077	141 328
	MICHIGAN	66	28	13 105	101 433	9 164	19 144	68 109	253 288	27 863	14 082	185 611
	WISCONSIN	27	5	371	2 215	198	401	1 080	7 197	393	294	4 080
	WEST NORTH CENTRAL	105	45	10 870	77 446	7 177	14 499	44 686	231 184	62 120	10 819	179 655
	MINNESOTA	20	4	403	2 871	264	562	1 718	10 983	682	514	10 588
	MISSOURI	37	21	7 059	52 526	4 424	8 797	28 076	124 697	12 785	7 095	111 959
	NEBRASKA	6	4	627	4 169	447	926	2 783	17 586	8 277	618	10 663
	KANSAS	25	11	2 244	14 291	1 627	3 347	9 690	56 113	38 081	2 182	40 938
	SOUTH	594	302	103 720	780 336	68 721	139 667	468 761	3 349 455	452 615	103 431	2 207 042
	SOUTH ATLANTIC	240	107	38 110	273 408	25 449	51 104	164 392	1 121 061	114 693	40 894	741 789
	DELAWARE	12	8	2 140	16 491	1 366	2 614	9 085	58 978	6 946	(0)	(0)
	MARYLAND	43	17	3 709	23 312	2 469	5 116	14 128	70 145	8 781	3 534	49 471
	VIRGINIA	31	14	4 969	29 789	3 649	7 391	20 338	106 347	9 008	5 158	86 900
	WEST VIRGINIA	36	20	14 915	115 231	10 953	22 043	79 228	606 027	75 463	17 713	373 555
	NORTH CAROLINA	31	12	1 173	6 671	731	1 409	3 409	26 609	2 194	(0)	(0)
	GEORGIA	33	12	1 552	9 507	1 058	2 259	5 654	46 635	4 671	1 357	30 033
	EAST SOUTH CENTRAL	118	70	24 594	177 070	15 757	32 497	101 469	637 083	83 367	23 263	436 435
	KENTUCKY	25	19	4 941	34 721	3 204	6 775	21 608	125 933	37 784	4 268	87 649
	TENNESSEE	54	30	16 299	120 671	10 221	20 966	66 108	403 979	37 801	15 588	264 933
	ALABAMA	29	16	2 394	15 573	1 704	3 366	10 305	75 023	4 706	2 745	69 060
	MISSISSIPPI	10	5	960	6 105	628	1 390	3 448	32 148	3 076	662	14 793
	WEST SOUTH CENTRAL	236	125	41 016	329 858	27 515	56 066	202 900	1 591 311	254 555	39 274	1 028 818
	ARKANSAS	11	5	2 512	18 338	2 003	3 997	13 708	58 782	(0)	2 430	41 649
	LOUISIANA	62	37	10 865	86 597	7 584	15 761	56 323	308 005	85 375	11 611	231 089
	OKLAHOMA	14	5	509	4 024	255	546	1 693	9 266	(0)	563	8 450
	TEXAS	149	78	27 130	220 899	17 673	35 762	131 176	1 215 258	161 897	24 670	747 630
	WEST	287	126	22 603	177 486	13 545	27 602	95 420	552 744	52 094	22 081	412 263
	MOUNTAIN	67	26	4 515	32 806	2 454	5 001	15 764	110 602	6 655	4 492	80 947
	COLORADO	17	6	425	2 545	288	585	1 585	5 858	670	423	6 878
	ARIZONA	7	3	202	1 480	102	225	553	8 748	1 514	(0)	(0)
	UTAH	10	3	162	1 064	111	223	722	2 186	74	397	10 549
	PACIFIC	220	100	18 088	144 680	11 091	22 601	79 656	442 142	45 439	17 589	331 316
	WASHINGTON	35	15	9 335	80 277	5 588	11 542	42 741	212 278	1 200	9 457	155 058
	OREGON	11	4	435	3 074	273	597	1 698	12 865	(0)	394	7 584
	CALIFORNIA	166	79	8 213	60 653	5 170	10 341	34 893	215 398	41 849	7 740	169 239
282	FIBERS, PLASTICS, RUBBERS, TOTAL	577	323	144 713	973 910	101 690	207 403	602 648	2 865 399	378 561	121 536	1 899 770
	NORTHEAST	241	121	35 368	241 033	23 476	48 353	139 355	552 180	55 210	30 340	377 226
	CONNECTICUT	15	8	1 981	13 105	1 435	3 027	8 484	35 013	3 757	1 916	31 987
	NORTH CENTRAL	118	63	15 867	114 975	11 815	24 833	78 258	310 296	44 121	13 390	249 258
	EAST NORTH CENTRAL	104	54	13 376	97 553	10 104	21 372	68 033	259 710	31 181	11 731	214 449
	OHIO	35	26	6 131	41 024	4 572	9 409	27 357	112 361	14 189	4 889	72 740
	ILLINOIS	33	12	1 214	8 544	731	1 528	4 372	33 220	4 696	1 607	47 753
	WISCONSIN	11	5	600	4 260	452	1 045	2 659	10 910	1 034	419	4 769
	WEST NORTH CENTRAL	14	9	2 491	17 422	1 711	3 461	10 225	50 586	12 940	1 659	34 809
	SOUTH	136	106	90 590	596 907	64 724	130 862	374 102	1 921 412	275 104	75 052	1 203 857
	SOUTH ATLANTIC	76	56	59 422	374 735	42 453	86 275	235 001	1 183 435	185 295	45 717	712 404
	DELAWARE	12	9	4 929	34 899	3 032	6 314	18 716	109 714	(0)	(0)	(0)
	VIRGINIA	12	12	21 888	142 744	15 406	31 507	89 112	395 447	69 403	18 790	273 672
	WEST VIRGINIA	9	9	6 862	47 870	4 988	10 188	30 741	161 151	21 923	4 415	66 760
	NORTH CAROLINA	13	8	8 657	50 262	5 821	11 699	28 598	161 334	24 537	(0)	(0)
	SOUTH CAROLINA	12	8	5 625	31 710	4 149	8 543	19 898	141 351	13 987	(0)	(0)
	EAST SOUTH CENTRAL	29	26	23 578	164 325	16 986	33 604	100 929	491 915	67 839	22 843	329 130
	KENTUCKY	6	6	3 953	32 240	2 769	5 613	21 052	102 806	12 820	3 193	84 089
	TENNESSEE	13	11	16 582	113 924	12 098	23 486	68 634	300 809	49 732	16 959	202 183
	WEST SOUTH CENTRAL	31	24	7 590	57 847	5 285	10 983	38 172	246 062	21 970	6 492	162 323
	LOUISIANA	8	7	2 153	16 199	1 564	3 235	10 953	70 620	10 403	1 702	36 778
	TEXAS	19	17	5 409	41 546	3 699	7 701	27 147	175 026	11 547	4 790	125 545

See footnote at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted	Capital expenditures, new	All employees	Value added by manufacture, adjusted
		Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages				
		(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
282	FIBERS, PLASTICS, RUBBERS—CONTINUED											
	WEST	82	33	2 888	20 985	1 675	3 350	10 933	83 563	4 126	2 754	69 429
	WASHINGTON	7	4	271	1 986	114	240	759	7 813	342	(D)	(D)
	CALIFORNIA	70	27	2 540	18 479	1 519	3 022	9 906	72 597	3 596	(D)	(D)
283	DRUGS, TOTAL	1 262	401	99 001	673 775	54 911	110 033	296 631	2 807 331	113 328	95 940	2 096 288
	NORTHEAST	474	164	48 806	342 822	27 793	56 389	156 673	1 595 614	72 078	46 933	1 144 447
	NEW ENGLAND	62	14	3 408	22 029	2 312	4 621	13 284	60 879	4 179	3 371	50 888
	MASSACHUSETTS	33	8	829	4 066	517	964	1 925	12 630	555	1 058	12 925
	CONNECTICUT	17	5	2 493	17 623	1 742	3 554	11 175	47 554	3 554	2 148	35 524
	MIDDLE ATLANTIC	412	150	45 398	320 793	25 481	51 768	143 389	1 534 735	67 899	43 562	1 093 559
	NEW YORK	205	64	18 034	121 637	10 992	22 494	61 465	569 591	22 155	19 503	460 835
	NEW JERSEY	121	52	16 466	119 356	8 736	18 222	50 111	539 611	25 405	14 907	329 947
	PENNSYLVANIA	86	34	10 898	79 800	5 753	11 052	31 813	425 533	20 339	9 152	302 777
	NORTH CENTRAL	379	134	36 406	252 537	19 223	38 541	109 146	941 010	31 375	37 725	748 492
	EAST NORTH CENTRAL	255	90	30 846	219 214	16 230	32 600	95 344	837 578	27 503	32 353	653 874
	INDIANA	31	12	11 676	92 784	5 803	12 272	37 200	312 311	16 037	(D)	(D)
	ILLINOIS	103	40	8 758	55 377	4 222	8 361	21 327	234 287	6 159	9 047	160 097
	MICHIGAN	45	18	6 928	48 411	4 956	9 502	31 197	233 863	3 321	8 474	200 296
	WEST NORTH CENTRAL	124	44	5 560	33 323	2 993	5 941	13 802	103 432	3 872	5 372	94 611
	MINNESOTA	17	3	1 170	1 025	80	171	308	2 305	92	399	8 041
	IOWA	14	3	865	5 201	391	620	1 548	15 275	1 221	905	15 531
	MISSOURI	60	25	3 284	19 314	1 957	3 967	9 239	67 033	1 730	3 147	59 690
	KANSAS	18	3	208	1 375	128	269	625	2 439	346	(D)	(D)
	SOUTH	236	62	9 504	52 985	5 441	10 685	20 794	219 847	7 711	7 457	153 939
	MARYLAND	22	9	1 213	5 332	852	1 502	2 774	21 053	707	1 090	14 927
	VIRGINIA	20	6	1 879	15 632	616	1 234	3 398	52 414	3 024	(D)	(D)
	NORTH CAROLINA	20	5	781	3 862	516	1 035	2 145	36 599	387	(D)	(D)
	FLORIDA	32	5	483	2 333	310	603	1 082	5 821	205	281	2 906
	TENNESSEE	22	12	2 267	12 063	1 283	2 652	4 685	53 167	1 346	1 852	31 450
	TEXAS	47	15	1 180	6 576	494	986	1 885	15 813	778	924	9 889
	WEST	174	41	4 292	25 386	2 242	4 430	10 032	51 253	2 166	3 825	49 410
	MOUNTAIN	19	2	206	1 085	173	331	795	3 332	111	189	1 769
	PACIFIC	155	39	4 086	24 301	2 069	4 099	9 237	47 921	2 055	3 636	47 641
	OREGON	7	2	194	977	145	293	606	1 964	81	(D)	(D)
	CALIFORNIA	133	34	3 727	22 583	1 831	3 642	8 324	44 539	1 906	3 424	45 608
284	CLEANING AND TOILET GOODS, TOTAL . .	2 660	587	85 572	525 842	53 309	107 010	275 225	2 866 446	84 731	78 618	1 903 101
	NORTHEAST	1 007	241	38 443	225 339	23 714	47 054	115 018	1 080 841	25 365	35 540	773 101
	NEW ENGLAND	206	41	6 416	39 358	3 386	6 721	15 427	211 339	5 267	5 497	126 722
	MASSACHUSETTS	122	21	2 821	19 102	1 574	3 157	8 290	86 712	3 284	3 557	91 232
	RHODE ISLAND	17	4	191	1 265	106	213	495	2 723	75	169	1 988
	CONNECTICUT	56	15	3 356	18 712	1 679	3 295	6 539	121 100	1 894	1 672	30 905
	MIDDLE ATLANTIC	801	200	32 027	185 981	20 328	40 333	99 591	869 502	20 098	30 043	646 379
	NEW YORK	438	98	13 222	72 233	8 766	17 271	38 334	322 281	6 317	12 295	224 081
	NEW JERSEY	221	72	15 878	97 887	9 754	19 492	53 402	499 904	12 231	14 475	365 809
	PENNSYLVANIA	142	30	2 927	15 861	1 808	3 570	7 855	47 317	1 550	3 273	56 489
	NORTH CENTRAL	792	186	29 023	188 296	18 543	37 460	102 589	1 233 035	38 950	28 315	818 566
	EAST NORTH CENTRAL	585	139	21 170	139 282	13 463	27 307	74 953	908 414	31 807	21 294	620 246
	OHIO	142	37	5 414	38 622	2 955	6 326	19 103	258 265	5 321	5 644	181 360
	INDIANA	48	12	3 261	23 091	2 164	4 187	13 348	122 112	1 934	3 672	109 076
	ILLINOIS	224	62	9 357	56 751	6 321	12 747	31 825	408 244	19 723	9 267	258 307
	MICHIGAN	100	16	1 608	10 346	989	2 051	4 820	33 696	1 499	1 149	19 967
	WISCONSIN	71	12	1 530	10 472	1 034	1 996	5 857	86 097	3 390	1 562	51 536
	WEST NORTH CENTRAL	207	47	7 853	49 014	5 080	10 153	27 636	324 621	7 143	7 021	198 320
	MINNESOTA	55	14	1 923	11 355	1 163	2 225	5 281	80 176	1 467	1 558	47 245
	MISSOURI	95	22	3 380	20 929	2 173	4 389	11 728	100 490	3 204	3 048	62 111
	SOUTH	489	86	9 473	56 413	5 880	12 032	28 606	300 658	12 008	7 308	160 566
	SOUTH ATLANTIC	252	56	6 827	42 423	4 336	8 891	21 968	217 091	10 615	4 663	109 352
	MARYLAND	39	15	2 916	19 585	2 047	4 183	12 277	131 266	2 696	1 746	61 384
	NORTH CAROLINA	51	12	552	3 020	358	739	1 277	6 891	425	394	5 418
	SOUTH CAROLINA	16	2	442	2 546	210	424	644	6 390	766	(D)	(D)
	GEORGIA	38	20	1 600	9 950	813	1 659	3 450	45 850	4 604	1 260	16 829
	FLORIDA	77	4	417	1 872	277	577	947	5 931	(D)	291	2 946
	EAST SOUTH CENTRAL	84	11	1 053	5 097	549	1 090	1 838	27 688	354	1 331	16 459
	TENNESSEE	50	10	827	3 825	448	888	1 506	22 614	235	697	9 969

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963									1958	
		Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
284	CLEANING AND TOILET GOODS—CONTINUED											
	WEST SOUTH CENTRAL	153	19	1 593	8 893	995	2 051	4 800	55 879	1 039	1 314	34 755
	LOUISIANA	24	2	153	546	95	184	297	5 614	55	148	1 521
	TEXAS	106	17	1 353	7 968	857	1 781	4 356	49 507	946	1 088	32 271
	WEST	370	74	8 627	55 775	5 169	10 458	29 002	251 146	8 422	7 455	150 868
	WASHINGTON	17	3	109	685	56	100	258	1 325	43	130	1 405
	CALIFORNIA	292	65	8 129	53 091	4 916	9 971	28 004	243 674	8 240	6 998	146 980
285	PAINTS AND ALLIED PRODUCTS, TOTAL ¹	1 788	654	61 267	401 240	33 825	69 113	183 533	1 111 681	37 705	58 770	806 895
286	GUM AND WOOD CHEMICALS, TOTAL ¹	246	53	6 787	32 682	5 357	10 800	22 884	100 329	5 638	7 251	85 302
287	AGRICULTURAL CHEMICALS, TOTAL	1 354	543	42 834	213 149	29 465	61 246	128 900	628 273	66 518	38 679	414 781
	NORTHEAST	143	50	4 271	22 559	2 727	5 520	12 474	49 615	3 993	4 450	40 234
	NEW ENGLAND	32	11	739	3 382	522	1 031	2 087	7 227	478	603	4 695
	MAINE	8	4	327	1 380	257	514	929	2 546	276	180	1 007
	MASSACHUSETTS	14	7	357	1 811	223	436	1 019	3 908	164	348	2 849
	MIDDLE ATLANTIC	111	39	3 532	19 177	2 205	4 489	10 387	42 388	3 515	3 847	35 539
	NEW YORK	34	12	846	4 296	465	891	2 140	12 008	607	991	9 319
	NEW JERSEY	35	18	1 370	7 345	970	2 001	4 816	15 202	1 956	1 688	17 080
	PENNSYLVANIA	42	9	1 316	7 536	770	1 597	3 431	15 178	952	1 168	9 140
	NORTH CENTRAL	386	145	9 896	50 429	6 549	13 187	29 605	143 877	10 184	8 834	102 456
	EAST NORTH CENTRAL	242	99	6 498	33 249	4 420	8 987	20 518	94 218	6 151	6 370	76 420
	OHIO	76	34	2 152	10 197	1 501	3 084	6 530	33 393	1 631	(D)	(D)
	INDIANA	43	19	1 047	4 731	797	1 580	3 314	12 173	1 249	1 148	14 487
	ILLINOIS	65	24	2 107	11 727	1 322	2 644	6 687	32 548	1 961	(D)	(D)
	MICHIGAN	29	12	724	4 047	464	1 006	2 411	10 235	691	593	7 243
	WISCONSIN	29	10	468	2 547	336	673	1 576	5 869	619	(D)	(D)
	WEST NORTH CENTRAL	144	46	3 398	17 180	2 129	4 200	9 087	49 659	4 033	2 464	26 036
	MINNESOTA	37	10	554	2 360	367	683	1 456	7 060	(D)	500	5 853
	IOWA	41	12	770	3 534	500	951	1 985	10 914	663	(D)	(D)
	MISSOURI	31	14	1 304	8 208	727	1 500	3 753	23 562	1 569	1 000	9 807
	KANSAS	14	4	438	1 743	331	671	1 112	4 390	384	(D)	(D)
	SOUTH	621	296	23 672	110 180	17 129	36 530	70 939	336 359	46 364	21 085	211 143
	SOUTH ATLANTIC	372	193	15 848	73 042	11 572	25 000	47 786	182 946	36 062	14 724	129 509
	MARYLAND	32	20	1 508	7 655	1 089	2 346	5 255	14 046	1 640	1 690	14 937
	NORTH CAROLINA	69	32	2 030	7 626	1 355	2 674	4 194	22 805	1 444	2 018	12 448
	SOUTH CAROLINA	43	17	1 310	4 622	991	2 076	3 013	12 202	1 416	1 080	6 204
	GEORGIA	93	44	2 929	11 436	2 301	5 079	7 843	21 262	2 121	2 708	13 714
	FLORIDA	90	54	6 297	34 462	4 581	10 161	22 882	93 498	28 519	5 073	64 956
	EAST SOUTH CENTRAL	126	61	4 461	19 694	3 371	7 055	13 294	87 345	6 252	3 209	26 738
	KENTUCKY	25	10	504	2 159	331	687	1 129	5 655	307	(D)	(D)
	TENNESSEE	21	14	1 077	4 446	802	1 653	3 120	12 476	416	(D)	(D)
	ALABAMA	52	25	2 014	9 126	1 530	3 140	6 160	42 830	3 585	1 077	7 019
	MISSISSIPPI	28	12	866	3 963	708	1 575	2 885	26 384	1 944	660	6 130
	WEST SOUTH CENTRAL	123	42	3 363	17 444	2 186	4 475	9 859	66 068	4 050	3 152	54 896
	ARKANSAS	11	6	401	1 591	280	571	987	4 258	315	371	2 788
	LOUISIANA	20	4	419	1 860	301	607	1 093	5 959	835	503	3 161
	OKLAHOMA	11	4	276	949	183	365	613	1 969	301	171	1 144
	TEXAS	81	28	2 267	13 044	1 422	2 932	7 166	53 882	2 599	2 107	47 803
	WEST	202	50	4 735	28 200	2 846	5 583	14 607	96 457	5 528	4 310	60 948
	MOUNTAIN	52	11	1 675	10 606	1 106	2 243	6 202	41 096	3 719	1 514	26 831
	ARIZONA	21	4	261	1 500	123	248	503	3 523	167	(D)	(D)
	PACIFIC	150	39	3 060	17 594	1 740	3 340	8 405	55 361	1 809	2 796	34 117
	WASHINGTON	22	3	212	1 070	115	217	468	2 824	129	159	1 703
	OREGON	8	3	211	1 311	134	252	821	4 048	138	231	2 491
	CALIFORNIA	115	29	2 391	13 854	1 348	2 575	6 441	39 903	1 320	2 406	29 923
	HAWAII	5	4	246	1 359	143	296	675	8 586	222	-	-
289	MISC. CHEMICAL PRODUCTS, TOTAL	2 204	527	60 588	386 020	39 935	81 836	217 228	1 035 497	45 942	59 117	785 236
	NORTHEAST	754	180	20 123	129 204	12 969	25 983	70 085	298 752	13 142	19 805	243 570
	NEW ENGLAND	163	32	3 420	22 514	2 076	4 177	11 689	47 921	2 365	3 540	38 150
	MASSACHUSETTS	96	21	2 290	15 163	1 495	2 967	8 833	33 397	1 754	2 487	28 283
	RHODE ISLAND	14	1	113	602	67	141	317	1 318	52	(D)	(D)
	CONNECTICUT	38	8	899	6 195	426	892	2 199	11 673	512	(D)	(D)
	MIDDLE ATLANTIC	591	148	16 703	106 690	10 893	21 806	58 396	250 831	10 777	16 265	205 420
	PENNSYLVANIA	160	47	5 127	31 087	3 344	6 519	16 151	68 066	2 811	4 727	46 709

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Code	Industry group and geographic area	1963								1958	
		Establishments		All employees		Production workers		Value added by manufacture, adjusted (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)			
289	MISC. CHEMICAL PRODUCTS—CONTINUED										
	NORTH CENTRAL	668	186	20 613	133 961	13 352	27 453	72 843	413 621	16 614	22 043
	EAST NORTH CENTRAL	548	155	16 334	105 425	10 577	21 902	57 073	314 139	12 683	17 782
	OHIO	159	50	4 832	30 111	3 154	6 413	16 839	91 664	3 873	4 842
	INDIANA	39	9	959	5 403	663	1 360	3 298	18 985	646	2 054
	ILLINOIS	215	59	6 947	46 832	4 348	8 937	23 750	124 700	5 932	6 759
	MICHIGAN	93	27	2 533	16 301	1 621	3 553	8 707	59 771	1 699	2 508
	WISCONSIN	42	10	1 063	6 778	791	1 639	4 479	19 019	533	1 619
	WEST NORTH CENTRAL	120	31	4 279	28 536	2 775	5 551	15 770	99 482	3 931	4 261
	MINNESOTA	30	6	1 597	12 065	1 023	2 061	6 578	52 748	2 545	(D)
	MISSOURI	52	14	1 601	10 531	945	1 795	5 177	29 384	989	1 595
	KANSAS	17	10	962	5 334	731	1 539	3 675	15 966	309	1 426
	SOUTH	437	95	14 346	87 412	10 172	20 687	54 777	232 781	10 484	11 667
	SOUTH ATLANTIC	185	30	7 067	41 498	5 027	9 826	25 256	83 814	3 020	(D)
	NORTH CAROLINA	29	3	728	3 657	443	887	1 521	9 101	303	331
	SOUTH CAROLINA	7	3	121	596	79	160	289	3 085	189	(D)
	GEORGIA	45	9	806	4 924	507	1 046	2 423	19 289	811	(D)
	EAST SOUTH CENTRAL	49	16	2 500	15 341	1 795	3 720	10 128	31 623	1 048	(D)
	TENNESSEE	22	8	1 816	10 869	1 297	2 713	7 185	20 012	713	1 218
	ALABAMA	14	5	476	3 317	368	733	2 341	10 395	284	903
	WEST SOUTH CENTRAL	203	49	4 779	30 573	3 350	7 141	19 393	117 344	6 416	(D)
	LOUISIANA	35	8	1 071	6 484	869	1 932	4 976	29 878	1 342	1 143
	TEXAS	140	37	3 476	22 549	2 340	4 922	13 582	79 851	4 649	(D)
	WEST	341	66	5 487	35 229	3 423	6 920	19 388	92 022	5 700	5 602
	MOUNTAIN	43	8	881	5 347	661	1 339	3 775	11 073	705	1 116
	COLORADO	17	2	252	1 531	187	364	1 036	2 996	121	328
	ARIZONA	8	1	267	1 669	197	396	1 140	2 547	(D)	(D)
	UTAH	7	3	194	1 146	154	334	873	2 882	98	(D)
	PACIFIC	298	58	4 606	29 882	2 762	5 581	15 613	80 949	4 995	4 486
	OREGON	22	3	201	1 612	115	237	777	6 516	1 617	189
	CALIFORNIA	249	50	3 988	25 691	2 344	4 788	13 162	68 597	2 446	3 781

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.
 *This industry group consists of a single 4-digit industry. Detailed data by State are included in the 4-digit industry tables.

TABLE 3 Detailed Statistics: 1963

Item	Chemicals and allied products (SIC 28)	Basic chemicals (SIC 281)	Fibers, plastics, rubbers (SIC 282)	Drugs (SIC 283)	Cleaning and toilet goods (SIC 284)	Paints and allied products (SIC 285)	Gum and wood chemicals (SIC 286)	Agricultural chemicals (SIC 287)	Miscellaneous chemical products (SIC 289)
ESTABLISHMENTS, TOTAL NUMBER . .	11 996	1 905	577	1 262	2 660	1 788	246	1 354	2 204
WITH 1 TO 19 EMPLOYEES DO . .	8 008	1 008	254	861	2 073	1 134	193	811	1 674
WITH 20 TO 99 EMPLOYEES DO . .	2 756	526	167	249	410	503	39	465	397
WITH 100 EMPLOYEES OR MORE DO . .	1 229	371	156	152	177	151	14	78	130
PROPRIETORS AND WORKING PARTNERS DO . .	2 856	214	80	312	874	396	135	271	574
ALL EMPLOYEES (AVERAGE FOR THE YEAR) DO . .	737 414	236 652	144 713	99 001	85 572	61 267	6 787	42 834	60 588
PAYROLL (ALL EMPLOYEES), TOTAL FOR YEAR \$1,000 . .	4 969 843	1 763 225	973 910	673 775	525 842	401 240	32 682	213 149	386 020
PRODUCTION WORKERS:									
AVERAGE FOR THE YEAR NUMBER . .	474 141	155 649	101 690	54 911	53 309	33 825	5 357	29 465	39 935
MARCH DO . .	471 640	154 137	100 587	54 344	52 097	33 110	5 165	32 742	39 461
MAY DO . .	477 321	155 469	100 563	54 527	52 413	33 920	5 509	34 674	40 246
AUGUST DO . .	476 248	158 179	102 592	55 220	54 897	34 783	5 510	24 620	40 447
NOVEMBER DO . .	471 418	154 812	102 994	55 553	53 814	33 487	5 244	25 835	39 679
MAN-HOURS \$1,000 . .	963 361	315 920	207 403	110 033	107 010	69 113	10 800	61 246	81 836
JANUARY-MARCH DO . .	238 451	78 637	51 237	27 469	26 453	16 515	2 528	15 640	19 972
APRIL-JUNE DO . .	246 431	79 874	51 997	27 593	27 125	17 801	2 811	18 463	20 767
JULY-SEPTEMBER DO . .	237 439	77 722	51 106	26 853	27 292	17 644	2 821	13 216	20 785
OCTOBER-DECEMBER DO . .	242 722	79 687	53 065	28 118	27 824	17 153	2 640	13 915	20 320
WAGES \$1,000 . .	2 779 938	1 052 889	602 648	296 631	275 225	183 533	22 884	128 900	217 228
COST OF MATERIALS, ETC., TOTAL ¹ DO . .	14 255 096	4 948 415	2 614 422	930 250	1 992 201	1 350 239	114 640	1 349 812	955 117
MATERIALS, PARTS, CONTAINERS, AND SUPPLIES CONSUMED DO . .	12 152 344	3 849 454	2 420 824	837 454	1 761 254	1 233 360	104 136	1 090 453	855 409
COST OF RESALES DO . .	988 411	309 113	63 082	45 127	179 034	101 719	4 591	223 683	62 062
FUELS CONSUMED DO . .	479 673	332 061	75 644	13 306	13 176	5 841	4 420	13 046	22 182
ELECTRIC ENERGY:									
PURCHASED:									
QUANTITY MILLION KW.-HRS . .	93 532	83 447	4 929	1 322	704	438	116	1 485	1 091
COST \$1,000 . .	530 645	427 455	40 460	14 800	9 810	7 705	1 376	16 223	12 816
GENERATED LESS SOLD MILLION KW.-HRS . .	21 237	13 862	2 635	772	1 939	4	74	1 140	811
CONTRACT WORK \$1,000 . .	104 025	30 332	14 412	19 569	28 926	1 614	117	6 407	2 648
VALUE OF SHIPMENTS (INCLUDING RESALES), TOTAL ¹ DO . .	31 772 722	11 109 077	5 470 376	3 715 860	4 855 451	2 456 361	212 850	1 968 944	1 983 803
VALUE OF RESALES DO . .	1 329 495	374 983	71 654	98 012	298 272	131 140	5 335	269 419	80 680
VALUE ADDED BY MANUFACTURE, ADJUSTED DO . .	17 586 138	6 171 182	2 865 399	2 807 331	2 866 446	1 111 681	100 329	628 273	1 035 497
MANUFACTURERS' INVENTORIES:									
BEGINNING OF YEAR, TOTAL DO . .	3 702 178	1 214 885	590 618	501 359	455 500	324 494	50 426	332 377	232 519
FINISHED PRODUCTS DO . .	1 836 667	607 870	331 442	176 829	221 080	181 338	25 752	185 305	107 051
WORK-IN-PROCESS DO . .	523 374	197 970	75 852	127 037	40 100	17 412	3 851	36 562	24 590
MATERIALS, SUPPLIES, FUEL, ETC. DO . .	1 342 137	409 045	183 324	197 493	194 320	125 744	20 823	110 510	100 878
END OF YEAR, TOTAL DO . .	3 825 760	1 242 570	604 206	530 214	466 360	340 188	53 750	350 429	238 043
FINISHED PRODUCTS DO . .	1 877 874	614 369	336 523	186 931	219 255	186 130	27 326	196 888	110 452
WORK-IN-PROCESS DO . .	550 679	201 991	80 216	138 656	45 121	18 179	4 396	34 120	28 000
MATERIALS, SUPPLIES, FUEL, ETC. DO . .	1 397 207	426 210	187 467	204 627	201 984	135 879	22 028	119 421	99 591
EXPENDITURES FOR PLANT AND EQUIPMENT, TOTAL DO . .	1 586 517	820 325	392 824	115 773	94 830	39 854	5 765	69 104	48 042
NEW, TOTAL DO . .	1 545 689	813 266	378 561	113 328	84 731	37 705	5 638	66 518	45 942
NEW STRUCTURES AND ADDITIONS TO PLANT DO . .	354 876	173 814	59 171	54 153	22 743	13 091	1 410	19 489	11 005
NEW MACHINERY AND EQUIPMENT DO . .	1 190 816	639 452	319 390	59 178	61 988	24 614	4 228	47 029	34 937
USED PLANT AND EQUIPMENT DO . .	40 846	7 059	14 282	2 442	10 099	2 149	127	2 586	2 102
SELECTED OPERATING RATIOS:									
PAYROLL/TOTAL EMPLOYMENT	6 740	7 451	6 730	6 806	6 145	6 549	4 815	4 976	6 371
PRODUCTION WORKERS/TOTAL EMPLOYMENT . . . . .	.64	.66	.70	.55	.62	.55	.79	.69	.66
MAN-HOURS/PRODUCTION WORKERS	2 032	2 030	2 040	2 004	2 007	2 043	2 016	2 079	2 049
PRODUCTION WORKER WAGES/MAN-HOURS	2.89	3.33	2.91	2.70	2.57	2.66	2.15	2.10	2.65
COST OF MATERIALS AND PAYROLLS/TOTAL VALUE OF SHIPMENTS . . . . .	.61	.60	.66	.43	.52	.71	.69	.79	.68
COST OF MATERIALS/TOTAL VALUE OF SHIPMENTS . . . . .	.45	.45	.48	.25	.41	.55	.54	.69	.48
ADJUSTED VALUE ADDED/TOTAL EMPLOYMENT	23 943	26 077	20 284	28 357	33 497	18 145	14 782	14 668	17 091
SALARIES AND WAGES/ADJUSTED VALUE ADDED . . . . .	.28	.29	.33	.24	.18	.36	.33	.34	.37

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The value of shipments and cost of materials for industry groups (2- and 3-digit) include extensive duplication arising from shipments between establishments in the same industry. For a more complete explanation, see Introduction.

INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2812—Alkalies and Chlorine
- 2813—Industrial Gases
- 2814—Cyclic (Coal Tar) Crudes
- 2815—Dyes, Dye (Cyclic) Intermediates, and Organic Pigments (Lakes and Toners)
- 2816—Inorganic Pigments
- 2818—Industrial Organic Chemicals, Not Elsewhere Classified
- 2819—Industrial Inorganic Chemicals, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

This group includes establishments primarily engaged in manufacturing basic industrial inorganic and organic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in industry 2873; organic and inorganic medicinal chemicals, drugs and medicines in industry 2833; wood distillation products and naval stores in Group 286; and soap, glycerin (except synthetic), and cosmetics in Group 284.

In order to avoid duplicating the reports furnished to the U.S. Tariff Commission for synthetic organic chemicals, establishments reporting these products to the U.S. Tariff Commission were requested to report dollar values by product classes to the Bureau of the Census including the value of those synthetic organic chemicals shipped as interplant transfers. As indicated in the table below, the dollar values reported to the Census Bureau differ from those reported to the U.S. Tariff Commission.

In general, data reported to the Census Bureau are for the value of the product as shipped whether it is a chemical compound or a finished product (preparation or mixture). Sales figures reported to the Tariff Commission represent the value of the organic chemical compound whether it is shipped as such or incorporated in another product. Also, reports to the Census Bureau are based on plant reports and the dollar shipment figures represent the valuation (f.o.b. plant) of all goods physically shipped from the producing site. Thus the Census data include products shipped on consignment and interplant transfers (separate

measures are shown in table 6A) while the U.S. Tariff Commission data represent sales on a company basis by primary producers, only when accompanied by passage of title. Thus, the commercial shipment figures reported by Census most nearly corresponds to the information in the Tariff report.

In addition, there are specific reasons why the figures for certain product classes published by the two agencies differ. For example, the U.S. Tariff Commission total for tar crudes includes data furnished to the Coal Economics Division of the U.S. Bureau of Mines by coke oven operators, and data furnished to the American Gas Association by producers of water-gas and oil-gas tar. The Census Bureau total appearing in this report does not include these figures since the data for byproduct ovens are classified and shown in industry 3312, and establishments operating medium and low temperature carbonization plants and retorts are excluded from the census of manufactures.

Despite these differences in the two sets of data, they should be considered as complementary: Those of the Census Bureau represent the shipment values by plants classified in manufacturing industries for groups of synthetic organic chemicals in the form in which they are actually shipped, and those of the U.S. Tariff Commission, represent company sales and production for a detailed list of products.

Shipments and Interplant Transfers of Synthetic Organic Chemicals: 1963

Product code	Product or product class	As reported by		
		Bureau of the Census		U.S. Tariff Commission
		Shipments including interplant transfers	Commercial shipments only	Sales
28140 --	Tar crudes.....	79	(D)	119
28151 --	Intermediates.....	759	548	643
28152 --	Synthetic organic dyes.....	243	227	240
28153 --	Synthetic organic pigments, lakes, and toners.....	112	84	80
28181 --	Miscellaneous cyclic chemical products....	201	188	191
28182 --	Miscellaneous acyclic chemicals and chemical products.....	3,129	2,166	2,173
28183 --	Synthetic organic chemicals, n.e.c.:			
28183 11	Flavor and perfume materials.....	87	(D)	77
28183 31	Rubber processing chemicals.....	138	(D)	119
28183 51	Plasticizers.....	200	178	168
28184 --	Pesticides and other synthetic organic agricultural chemicals.....	223	207	369

(D) Withheld to avoid disclosing figures for individual companies.
n.e.c. Not elsewhere classified.

2812—ALKALIES AND CHLORINE

This industry comprises establishments primarily engaged in manufacturing sodium hydroxide (caustic soda), potassium hydroxide (caustic potash), soda ash, potassium carbonate, sodium bicarbonate, sal soda, and chlorine. Establishments primarily engaged in manufacturing ammonium compounds or alkali metals are classified in industry 2819, Inorganic Chemicals, N.E.C., and plants primarily engaged in mining natural potassium or sodium alkalies are classified in SIC industry 1474, Potash, Soda and Borate Minerals. For a detailed list of products of industry 2812, refer to table 6A, product codes 2812111 to 2812481.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Alkalies and Chlorine Industry totaled \$652 million. This amount included shipments of alkalies and chlorine (primary products) valued at \$416 million, shipments of other products (secondary products) valued at \$214 million, and miscellaneous receipts at \$22 million.

This industry's shipments of alkalies and chlorine represented 66 percent of its total product shipments. The industry specialization ratio in 1958 was 73 percent. Secondary products shipped by this industry in 1963 consisted mainly of miscellaneous acyclic chemicals and chemical products (\$60 million), and reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c. (\$32 million).

Shipments of alkalies and chlorine by this industry represented 79 percent of all shipments of these products (\$527 million) by all industries. In 1958 the coverage ratio was 84 percent. Other industries shipping alkalies and chlorine consisted mainly of industry 2818, Organic Chemicals, N.E.C., and industry 2819, Inorganic Chemicals, N.E.C.

The production index for the primary products of the industry increased to 147 in 1963 from the 1958 level of 109. The unit value index for 1963 was 99 compared to 107 in 1958. Both indexes were computed on a basis of 1954 = 100.

2813—INDUSTRIAL GASES

This industry comprises establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing flourine, ammonia, and sulfur dioxide are classified in industry 2819, Inorganic Chemicals, N.E.C.; and chlorine in industry 2812, Alkalies and Chlorine. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade. Natural gasoline plants engaged in the production of gases in compressed and liquefied form are classified in mining industries, and petroleum refineries producing these gases in 2911, Petroleum Refining. For a detailed list of products of industry 2813, refer to table 6A, product codes 2813200 to 2813498.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Industrial Gases Industry totaled \$425 million. This amount included shipments of industrial gases (primary products) valued at \$340 million, shipments of other products (secondary products) valued at \$8 million, and miscellaneous receipts at \$77 million.

This industry's shipments of industrial gases represented 98 percent of its total product shipments. The industry specialization ratio in 1958 was 99 percent.

Shipments of industrial gases by this industry represented 87 percent of all shipments of these products (\$390 million) by all industries. In 1958 the coverage ratio was 85 percent. Other industries shipping industrial gases consisted mainly of industry 2812, Alkalies and Chlorine, and industry 2819, Inorganic Chemicals, N.E.C.

The production index for the primary products of the industry increased to 363 in 1963 from the 1958 level of 142. The unit value index for 1963 was 55 compared to 95 in 1958. Both indexes were computed on a basis of 1954 = 100.

2814—CYCLIC (COAL TAR) CRUDES

This industry comprises establishments primarily engaged in manufacturing crudes from coal tar. Such crudes include (1) light oils and light oil products; (2) coal tar acids; and (3) products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, Blast Furnaces and Steel Mills, and petroleum refineries which produce such products in industry 2911, Petroleum Refining. No attempt was made by the Census Bureau to secure commodity detail for the tar crudes manufactured by tar distillers since this information is compiled and published by the U.S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. Direct comparisons between the product class data reported to the Census Bureau and the product information reported to the U.S. Tariff Commission may not be made since the statistics published by the U.S. Tariff Commission do not show all products produced by tar distillers as distinguished from products produced by petroleum refineries or others. For total value of cyclic (coal tar) crudes shipped refer to table 6A, product code 8814011.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Cyclic (Coal Tar) Crudes Industry totaled \$105 million. Total shipments of cyclic (coal tar) crudes are valued at \$79 million.

The production index for the primary products of the industry decreased to 90 in 1963 from the 1958 level of 108. The unit value index for 1963 was 100 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2815—DYES, DYE (CYCLIC) INTERMEDIATES, AND ORGANIC PIGMENTS (LAKES AND TONERS)

This industry comprises establishments primarily engaged in manufacturing cyclic organic intermediates, dyes, color lakes, and toners. Important products of this industry include: (1) derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole and other cyclic chemical products; (2) synthetic organic dyes; and (3) synthetic organic pigments. As indicated previously no attempt was made by the Census Bureau to secure commodity detail for intermediates, dyes or lakes and toners since this information is compiled and published by the U.S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. For the total value of the product groupings comprising industry 2815, refer to table 6A, product codes 2815111 to 2815311.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Intermediate Coal Tar Products Industry totaled \$1,108 million. This amount included shipments of intermediate coal tar products (primary products) valued at \$728 million, shipments of other products (secondary products) valued at \$328 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$52 million.

This industry's shipments of intermediate coal tar products represented 69 percent of its total product shipments. The industry specialization ratio in 1958 was 76 percent. Secondary products shipped by this industry in 1963 consisted mainly of miscellaneous acyclic chemicals and chemical products (\$68 million), and synthetic organic chemicals, n.e.c. (except bulk surface active agents) (\$25 million).

Shipments of intermediate coal tar products by this industry in 1963 represented 65 percent of all shipments of these products (\$1,116 million) by all industries. In 1958 the coverage ratio was also 65 percent. Other industries shipping intermediate coal tar products consisted mainly of industry 2818, Organic Chemicals, N.E.C., and industry 2911, Petroleum Refining.

2816—INORGANIC PIGMENTS

This industry comprises establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, industry 2895), white pigments and color pigments. Organic color pigments are classified in industry 2815. For a detailed list of products of industry 2816, refer to table 6A, product codes 2816111 to 2816398.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Inorganic Pigments Industry totaled \$485 million. This amount included shipments of inorganic pigments (primary products) valued at \$420 million, shipments of other products (secondary products) valued at \$40 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$25 million.

This industry's shipments of inorganic pigments represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was 92 percent. Secondary products shipped by this industry in 1963 consisted mainly of reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c. (\$16 million), and synthetic organic pigments, lakes and toners (\$8 million).

Shipments of inorganic pigments by this industry represented 87 percent of all shipments of these products (\$480 million) by all industries. In 1958 the coverage ratio was 89 percent. Other industries shipping inorganic pigments consisted mainly of industry 2815, Intermediate Coal Tar Products, and industry 2899, Chemical Preparations, N.E.C.

The production index for the primary products of the industry increased to 125 in 1963 from the 1958 level of 103. The unit value index for 1963 was 103 compared to 108 in 1958. Both indexes were computed on a basis of 1954 = 100.

2818—INDUSTRIAL ORGANIC CHEMICALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing industrial organic chemicals, n.e.c. Important products of this industry include: (1) noncyclic organic chemicals such as acetic, chloroacetic adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc. of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastic materials and nonvulcanizable elastomers are classified in industry 2821; synthetic rubber in industry 2822; essential oils in industry

2899; wood distillation products, naval stores, and natural dyeing and tanning materials in Group 286; rayon and other synthetic fibers in industries 2823 and 2824; specialty cleaning, polishing, and sanitation preparations in industry 2842; and paints and pigments in Group 285. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085. Detailed product information for industrial organic chemicals are not shown as data for these products are compiled and published by the U.S. Tariff Commission in Synthetic Organic Chemicals, United States Production and Sales. For a detailed list of products of industry 2818, refer to table 6A, product codes 2818111 to 2818598.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Organic Chemicals, N.E.C., Industry totaled \$4,841 million. This amount included shipments of organic chemicals, n.e.c. (primary products) valued at \$3,384 million, shipments of other products (secondary products) valued at \$1,311 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$146 million.

This industry's shipments of organic chemicals, n.e.c., represented 72 percent of its total product shipments. The industry specialization ratio in 1958 was 73 percent. Secondary products shipped by this industry in 1963 consisted mainly of thermoplastic resins and plastics materials (\$339 million), and cyclic intermediates (\$208 million).

Shipments of organic chemicals, n.e.c., by this industry represented 81 percent of all shipments of these products (\$4,184 million) by all industries. In 1958 the coverage ratio was 79 percent. Other industries shipping organic chemicals, n.e.c., consisted mainly of industry 2815, Intermediate Coal Tar Products, and industry 2911, Petroleum Refining.

2819—INDUSTRIAL INORGANIC CHEMICALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in manufacturing industrial inorganic chemicals, n.e.c. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, phosphates, sodium silicate, ammonia compounds, and anhydrous ammonia; fertilizer materials such as muriate and sulfate of potash; rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.).

Beginning with 1954, statistics include information for government-owned plants operated by private firms for the account of the Federal Government but exclude the activities of government-owned and/or operated plants. The 1947 statistics exclude information for all Government plants except Tennessee Valley Authority plants. General statistics (tables 1, 3, and 4) are shown first for all plants (private and government) and second for private plants only. Capital expenditures made by government-owned-privately operated plants are not included because they are paid for by current billings to the United States. For a detailed list of products of industry 2819, refer to table 6A, product codes 2819111 to 2819998.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Inorganic Chemicals, N.E.C., Industry totaled \$3,494 million. This amount included shipments of inorganic chemicals, n.e.c. (primary products) valued at \$2,218 million, shipments of other products (secondary products) valued at \$294 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$982 million.

This industry's shipments of inorganic chemicals, n.e.c., represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 87 percent. Secondary products shipped by this industry in 1963 consisted mainly of miscellaneous acyclic chemicals and chemical products (\$76 million), and thermoplastic resins and plastics materials (\$18 million).

Shipments of inorganic chemicals, n.e.c., by this industry represented 74 percent of all shipments of these products (\$2,996 million) by all industries. In 1958 the coverage ratio was 76 percent. Other industries shipping inorganic chemicals, n.e.c., consisted mainly of industry 2818, Organic Chemicals, N.E.C., and industry 2812, Alkalies and Chlorine.

The production index for the primary products of the industry increased to 178 in 1963 from the 1958 level of 122. The unit value index for 1963 was 98 compared to 102 in 1958. Both indexes were computed on a basis of 1954 = 100.

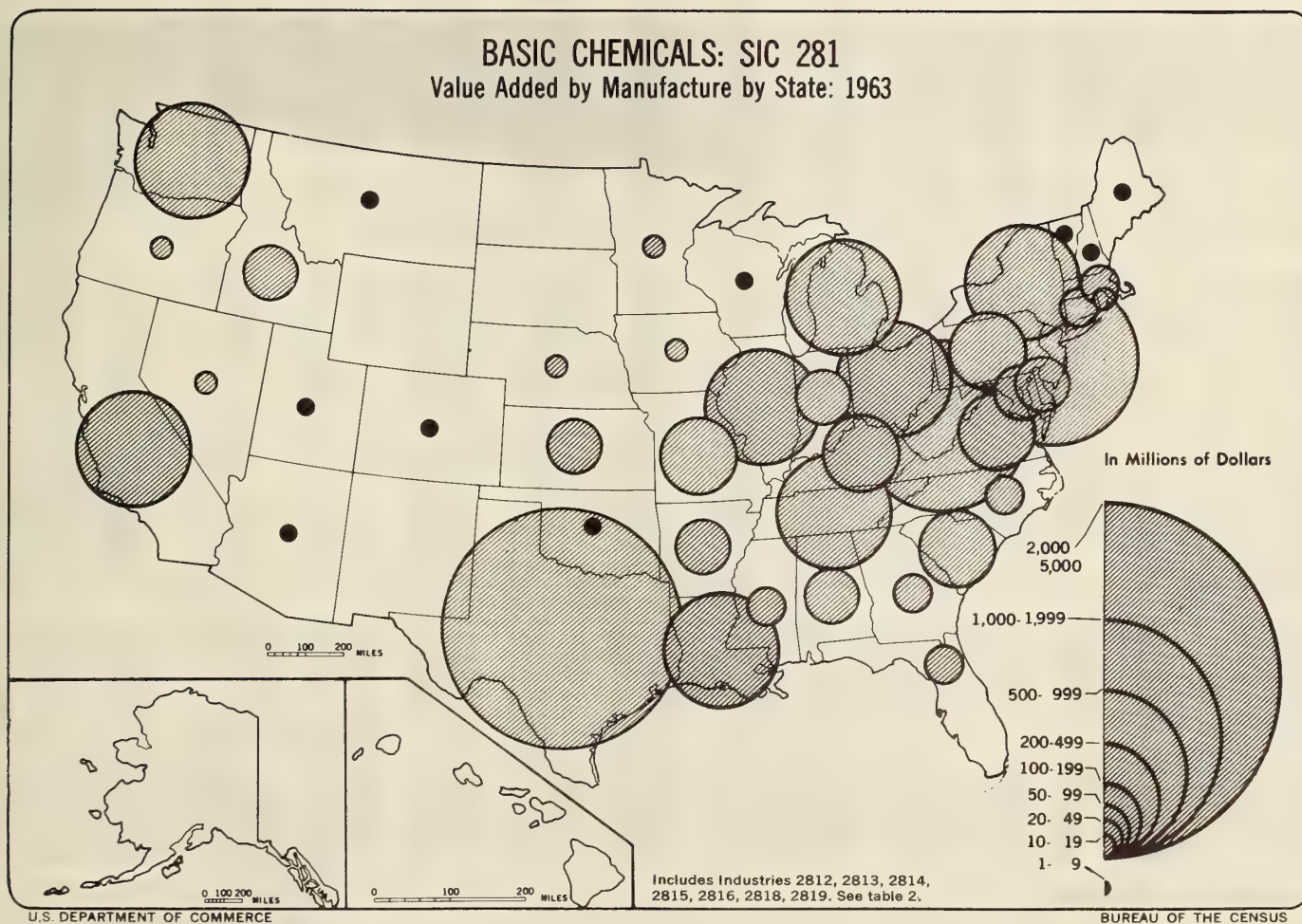


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2812.—ALKALIES AND CHLORINE														
1963.....	19	38	37	19,652	138,156	13,489	27,594	88,091	389,243	263,553	652,120	57,470	66	79
1962 ¹	(NA)	(NA)	(NA)	19,714	132,309	13,479	27,125	84,484	392,296	237,877	628,112	69,009	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	19,891	128,007	13,571	27,007	81,037	363,355	222,073	589,036	42,213	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	20,475	126,542	14,233	28,610	83,455	360,126	219,582	576,690	32,395	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	20,144	120,205	14,048	28,382	79,266	347,932	220,123	565,287	43,442	(NA)	(NA)
1958.....	18	34	32	20,476	115,024	13,905	28,440	75,079	306,187	198,257	504,309	27,871	73	84
1957 ¹	(NA)	(NA)	(NA)	21,429	119,734	15,144	31,083	79,345	314,346	187,509	496,583	68,430	75	84
1956 ¹	(NA)	(NA)	(NA)	20,973	109,823	15,128	31,706	75,106	310,930	173,635	476,320	68,897	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	20,101	101,200	14,623	30,005	68,520	284,380	158,818	444,021	35,886	(NA)	(NA)
1954.....	17	29	29	20,440	96,047	15,198	31,393	67,890	256,282	159,354	413,558	34,728	76	84
1953 ¹	(NA)	(NA)	(NA)	21,966	102,604	17,138	(NA)	76,211	242,536	153,396	395,932	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	22,283	96,942	17,036	(NA)	69,943	209,718	144,868	354,586	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	21,749	91,306	17,191	(NA)	66,244	227,565	149,568	377,133	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	17,197	67,225	13,223	(NA)	49,063	185,144	106,349	291,493	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	18,603	66,176	14,752	(NA)	49,346	144,775	104,603	249,378	(NA)	(NA)	(NA)
1947.....	18	32	(NA)	19,853	63,822	15,017	31,815	45,494	113,868	94,692	208,560	(NA)	81	85
1939.....	(NA)	33	(NA)	(NA)	(NA)	10,516	(NA)	16,356	68,204	33,653	101,857	(NA)	(NA)	(NA)
INDUSTRY 2813.—INDUSTRIAL GASES														
1963.....	104	456	146	9,809	66,551	5,250	11,069	33,459	260,182	164,374	425,388	93,518	98	87
1962 ¹	(NA)	(NA)	(NA)	9,895	63,316	5,604	11,730	32,915	225,842	156,385	382,302	93,969	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	10,265	59,513	5,791	11,482	31,958	221,846	140,015	362,246	55,420	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	10,540	61,015	5,945	12,362	32,440	212,430	131,556	344,052	42,556	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	10,214	56,415	5,743	11,925	30,180	196,747	118,663	315,142	39,475	(NA)	(NA)
1958.....	111	491	177	10,642	56,661	5,813	12,668	30,576	174,249	103,466	277,441	48,578	99	85
1957 ¹	(NA)	(NA)	(NA)	10,250	48,664	6,225	12,703	28,117	157,002	71,992	217,580	16,970	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	10,399	48,006	6,519	13,615	29,154	147,839	65,050	201,680	25,997	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	9,779	43,073	6,130	12,647	25,868	137,958	61,063	186,743	19,211	(NA)	(NA)
1954.....	101	428	156	10,363	44,092	6,315	13,143	25,288	121,840	78,653	200,769	19,840	99	84
1953 ¹	(NA)	(NA)	(NA)	11,263	48,379	7,278	(NA)	30,355	120,249	59,524	179,733	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	11,797	47,225	7,601	(NA)	30,015	114,697	47,014	161,711	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	11,289	41,790	7,439	(NA)	26,786	102,626	44,593	147,219	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	8,547	30,417	5,727	(NA)	19,484	85,508	31,661	117,169	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	8,646	28,444	5,614	(NA)	18,071	76,240	30,142	106,382	(NA)	(NA)	(NA)
1947.....	69	371	148	8,983	25,241	6,139	13,247	16,996	66,883	26,656	93,489	9,709	100	84
1939.....	(NA)	379	(NA)	6,450	11,465	3,960	(NA)	5,854	39,833	13,532	53,365	(NA)	(NA)	(NA)
1937.....	(NA)	356	(NA)	6,180	9,726	4,655	(NA)	6,591	42,174	14,244	56,418	(NA)	(NA)	(NA)
1935.....	(NA)	330	(NA)	5,691	8,157	3,788	(NA)	4,408	30,780	11,239	42,019	(NA)	(NA)	(NA)
INDUSTRY 2814.—CYCLIC (COAL TAR) CRUDES														
1963.....	8	36	17	1,636	11,009	1,314	2,855	8,615	35,103	70,566	105,172	2,225	(D)	(D)
1962 ¹	(NA)	(NA)	(NA)	1,790	11,869	1,460	3,155	9,014	34,356	86,727	120,307	6,818	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	1,865	11,997	1,526	3,154	8,803	36,820	84,752	121,473	3,047	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	1,916	12,172	1,534	3,301	9,259	36,171	87,331	123,601	3,923	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	1,938	11,869	1,566	3,350	9,203	33,971	85,637	120,436	4,798	(NA)	(NA)
1958.....	13	45	23	2,084	12,008	1,677	3,482	9,025	29,993	86,200	116,972	4,036	76	83
1957 ¹	(NA)	(NA)	(NA)	1,946	10,347	1,455	2,784	6,760	26,510	77,303	102,487	7,681	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	1,853	9,388	1,405	2,746	6,398	27,050	79,186	104,954	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	1,855	8,592	1,412	2,710	5,714	24,721	61,272	85,743	(S)	(NA)	(NA)
1954.....	11	43	26	1,925	8,246	1,488	2,829	5,620	22,206	56,456	79,130	2,199	82	72
1953 ¹	(NA)	(NA)	(NA)	2,235	9,804	1,758	(NA)	7,024	27,800	69,196	96,996	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	2,360	9,156	1,942	(NA)	6,963	24,973	65,142	90,115	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	2,046	7,104	1,640	(NA)	5,412	22,832	55,415	78,247	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	2,025	7,381	1,600	(NA)	5,012	22,376	46,284	68,660	(NA)	(NA)	(NA)
1947.....	13	46	(NA)	1,972	5,490	1,633	3,727	4,527	17,071	43,568	60,639	(NA)	85	78
1939.....	(NA)	45	(NA)	(NA)	(NA)	1,528	(NA)	2,110	11,433	21,368	32,801	(NA)	(NA)	(NA)
INDUSTRY 2815.—INTERMEDIATE COAL TAR PRODUCTS														
1963.....	112	141	84	26,089	190,849	17,576	35,725	116,149	570,234	563,580	1,107,583	104,600	69	65
1962 ¹	(NA)	(NA)	(NA)	24,912	174,808	16,844	33,914	106,817	495,482	532,314	1,031,647	73,509	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	25,888	175,035	17,401	35,779	108,609	492,746	524,572	1,014,742	66,591	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	27,160	174,391	18,609	37,107	109,078	479,163	538,830	1,003,571	95,025	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	27,153	169,027	18,837	38,531	107,444	479,632	517,772	994,396	68,529	(NA)	(NA)
1958.....	85	115	87	26,218	155,411	17,930	35,503	97,263	373,106	438,616	817,387	73,919	76	65
1957 ¹	(NA)	(NA)	(NA)	34,589	200,605	23,768	48,032	121,860	511,372	471,347	967,029	89,322	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	34,314	195,161	23,777	47,829	120,293	478,638	444,802	910,384	40,572	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	33,405	178,496	23,502	47,333	110,356	446,950	415,506	852,855	37,537	(NA)	(NA)
1954.....	83	107	76	32,748	165,511	22,297	44,142	99,416	362,873	375,983	742,691	72,067	64	66
1947.....	(NA)	93	(NA)	33,603	115,076	25,539	(NA)	80,473	259,771	218,781	478,552	(NA)	(NA)	(NA)
1939.....	(NA)	73	(NA)	(NA)	(NA)	9,741	(NA)	15,976	79,301	60,156	139,457	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2816.—INORGANIC PIGMENTS														
1963.....	69	96	49	11,544	76,372	8,135	16,161	49,859	286,407	194,171	484,768	17,365	91	87
1962 ¹	(NA)	(NA)	(NA)	12,428	83,537	8,722	18,193	53,409	302,384	192,349	489,898	(20,820)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	11,985	79,088	8,239	17,396	49,027	296,471	192,745	482,670	15,852	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	12,615	78,865	8,635	18,503	49,556	285,043	197,727	486,670	(24,712)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	12,343	73,863	8,661	18,109	47,867	292,651	210,707	492,315	20,637	(NA)	(NA)
1958.....	64	99	57	11,368	61,867	7,958	15,980	40,949	235,658	172,162	417,673	42,880	92	89
1957 ¹	(NA)	(NA)	(NA)	13,332	69,763	9,955	20,050	47,279	243,681	200,219	424,567	36,126	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	13,187	65,499	9,865	19,908	45,006	262,099	203,142	453,903	27,162	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	12,693	60,448	9,458	19,191	41,911	232,578	191,264	424,410	25,719	(NA)	(NA)
1954.....	73	104	55	12,182	54,755	9,042	18,220	37,193	194,522	188,820	388,550	8,358	88	88
1953 ¹	(NA)	(NA)	(NA)	12,244	54,168	9,380	(NA)	38,319	158,821	174,153	332,974	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	13,559	59,690	10,136	(NA)	38,426	140,641	209,083	349,724	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	14,758	63,000	11,108	(NA)	41,690	178,612	238,573	417,185	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	14,214	54,704	10,869	(NA)	37,223	164,413	199,996	364,409	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	12,284	43,876	9,318	(NA)	29,480	109,199	160,751	269,950	(NA)	(NA)	(NA)
1947.....	(NA)	95	63	14,266	43,466	11,086	22,197	31,303	104,978	182,068	287,046	19,329	(NA)	(NA)
1939.....	(NA)	59	(NA)	(NA)	(NA)	5,497	(NA)	7,606	38,373	41,014	79,387	(NA)	(NA)	(NA)
1937.....	(NA)	87	(NA)	8,315	12,396	6,529	(NA)	8,437	36,892	47,703	84,595	(NA)	(NA)	(NA)
1935.....	(NA)	89	(NA)	7,707	10,621	5,996	(NA)	6,863	31,055	36,156	67,211	(NA)	(NA)	(NA)
INDUSTRY 2818.—ORGANIC CHEMICALS, N.E.C.														
1963.....	343	464	241	85,492	677,252	56,370	114,438	405,019	2,727,450	2,105,674	4,840,176	400,981	72	81
1962 ¹	(NA)	(NA)	(NA)	82,422	633,864	56,154	113,665	390,795	2,511,416	1,911,271	4,430,051	267,949	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	82,418	619,030	56,482	115,111	387,153	2,198,918	1,755,950	3,947,178	380,552	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	78,039	560,440	54,310	107,535	344,797	2,080,697	1,673,039	3,712,940	297,703	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	76,156	528,260	52,906	105,016	330,116	2,040,429	1,579,179	3,609,240	224,259	(NA)	(NA)
1958.....	238	334	185	77,442	508,433	51,966	103,917	312,380	1,725,790	1,370,071	3,097,963	330,317	73	79
1957 ¹	(NA)	(NA)	(NA)	75,545	478,840	49,283	98,710	280,166	1,625,168	1,430,142	3,026,918	277,603	74	81
1956 ¹	(NA)	(NA)	(NA)	75,122	453,459	50,540	101,989	273,175	1,573,075	1,422,358	3,003,906	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	70,345	397,361	48,296	97,805	247,879	1,481,205	1,285,299	2,745,887	(S)	(NA)	(NA)
1954.....	202	275	168	67,531	364,852	46,428	93,101	227,428	1,177,357	1,067,547	2,244,821	154,550	77	80
1947.....	(NA)	167	(NA)	51,940	178,086	36,350	(NA)	115,315	456,319	516,725	973,044	(NA)	(NA)	(NA)
1939.....	(NA)	119	(NA)	(NA)	(NA)	12,839	(NA)	21,897	133,526	103,604	237,130	(NA)	(NA)	(NA)
INDUSTRY 2819.—PART I, INORGANIC CHEMICALS, N.E.C. ²														
1963.....	404	674	323	82,430	603,036	53,515	108,078	351,697	1,902,563	1,586,497	3,493,870	137,107	88	74
1962 ¹	(NA)	(NA)	(NA)	83,939	601,954	53,798	111,075	347,649	1,775,592	1,506,392	3,259,163	144,475	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	84,354	588,108	54,374	111,058	337,968	1,687,693	1,420,423	3,100,931	139,534	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	90,037	602,968	58,365	119,970	351,058	1,690,801	1,437,330	3,113,697	172,978	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	90,128	578,767	59,168	122,120	342,476	1,682,967	1,415,896	3,078,305	132,261	(NA)	(NA)
1958.....	330	580	301	89,874	550,279	58,395	118,720	327,168	1,468,854	1,288,667	2,754,427	138,434	87	76
1954 ³	(NA)	488	279	95,318	467,288	59,818	122,016	266,972	1,088,104	898,042	1,977,889	184,544	(NA)	(NA)
1947 ³	(NA)	376	(NA)	43,595	130,962	33,253	(NA)	95,518	¹ 311,316	311,710	623,026	(NA)	87	80
1939 ³	(NA)	307	(NA)	(NA)	(NA)	23,079	(NA)	35,159	¹ 165,514	136,656	302,170	(NA)	(NA)	(NA)
INDUSTRY 2819.—PART II, INORGANIC CHEMICALS, N.E.C.—PRIVATELY-OWNED AND OPERATED ESTABLISHMENTS ²														
1963.....	401	665	314	51,059	353,064	36,381	74,000	232,397	1,243,772	1,379,427	2,627,999	137,107	88	74
1958.....	327	569	291	53,982	311,331	38,494	78,786	205,907	930,474	1,052,006	1,979,386	129,375	87	80
1954.....	(NA)	488	279	54,812	250,393	40,037	81,750	169,926	729,311	745,515	1,466,567	184,544	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²Inorganic Chemicals, N.E.C., total, includes in addition to privately-owned establishments, government-owned, contractor operated plants for years 1954-1963. See Part II for privately owned plants. For explanation of inclusion of data for cost of materials, value added, value of shipments and capital expenditures for government-owned contractor operated establishments, refer to footnotes 1-5, table 3.

³A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that data for the industry prior to 1958 are not directly comparable. Details of this revision are described in the 1958 Census of Manufactures, Volume II, Industry Statistics.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2812.—ALKALIES AND CHLORINE													
Total.....	38	37	19,652	138,156	13,489	27,594	88,091	389,243	263,553	652,120	57,470	20,476	306,187
Northeast and North Central.....	12	12	9,802	68,631	6,710	13,576	43,433	151,662	113,758	266,102	14,382	11,035	122,057
South Atlantic.....	6	6	3,695	24,457	2,631	5,472	16,335	81,782	44,578	126,389	20,966	3,487	52,875
East South Central.....	6	5	736	4,791	512	1,083	3,101	18,776	15,989	33,779	5,651	462	13,727
West South Central.....	8	8	3,631	26,884	2,529	5,343	17,923	90,713	55,800	145,821	12,053	3,674	76,418
West.....	6	6	1,788	13,393	1,107	2,120	7,299	46,310	33,428	80,029	4,418	1,818	41,110
Washington.....	3	3	522	3,831	339	698	2,274	20,089	12,814	32,873	447	535	14,250
INDUSTRY 2813.—INDUSTRIAL GASES													
Total.....	456	146	9,809	66,551	5,250	11,069	33,459	260,182	164,374	425,388	93,518	10,642	174,249
New England.....	12	5	235	1,729	127	280	832	7,426	3,265	10,690	676	384	3,753
Massachusetts.....	7	4	191	1,435	102	230	692	6,786	2,883	9,667	(D)	294	2,813
Middle Atlantic.....	71	27	1,969	13,515	1,071	2,226	6,909	49,590	29,740	79,232	11,594	2,310	44,417
New York.....	16	4	254	1,654	151	325	939	5,851	2,464	8,417	(D)	408	5,819
New Jersey.....	19	9	627	4,380	303	610	1,912	16,401	7,411	23,581	(D)	770	13,724
Pennsylvania.....	36	14	1,088	7,481	617	1,291	4,058	27,338	19,865	47,234	5,692	1,132	24,874
East North Central.....	102	28	2,052	15,207	1,026	2,201	7,320	61,646	36,153	97,542	15,652	2,295	44,086
Ohio.....	45	15	936	6,426	442	913	2,941	27,747	15,464	43,090	5,107	852	14,489
Illinois.....	20	7	440	3,690	213	486	1,587	19,942	6,517	26,250	4,600	582	14,842
Michigan.....	17	4	218	1,663	95	202	689	5,546	4,068	9,656	(D)	374	5,857
West North Central.....	35	12	609	4,190	276	607	1,802	17,661	10,832	28,580	28,883	609	8,778
Missouri.....	9	6	188	1,255	87	182	594	5,563	1,782	7,442	35	194	2,908
Kansas.....	11	4	198	1,374	107	239	662	7,455	5,401	12,888	28,681	113	1,547
South Atlantic.....	50	12	1,137	6,066	581	1,166	3,015	28,499	19,862	48,343	7,102	1,202	14,682
North Carolina.....	4	2	126	499	50	101	258	1,090	1,254	2,341	(D)	139	1,122
Georgia.....	7	1	166	916	60	143	312	2,637	1,476	4,132	(D)	169	2,098
Florida.....	12	6	401	2,440	236	443	1,248	6,817	4,561	11,372	(D)	343	3,140
East South Central.....	38	11	958	6,110	598	1,303	3,934	20,661	24,812	45,693	8,965	899	15,327
Alabama.....	10	4	205	1,427	103	237	674	5,209	3,229	8,428	1,373	160	1,873
West South Central.....	59	18	904	6,092	497	1,088	3,068	23,459	13,778	37,854	4,550	1,090	13,661
Louisiana.....	13	4	166	1,040	94	215	549	2,862	1,132	4,025	200	(²)	(²)
Texas.....	39	14	695	4,776	378	819	2,368	19,703	12,046	32,328	4,303	680	9,352
Mountain.....	29	5	370	2,416	158	323	841	6,370	4,715	11,148	1,695	424	4,502
Arizona.....	3	1	111	857	50	108	267	2,891	1,137	4,020	(D)	(²)	(²)
Pacific.....	60	28	1,575	11,226	916	1,875	5,738	44,870	21,217	66,306	14,401	1,429	25,043
Washington.....	13	4	175	1,182	88	182	512	2,112	1,729	3,874	223	209	2,646
California.....	36	20	1,128	8,155	690	1,383	4,520	37,206	16,437	53,922	13,927	1,062	20,439
INDUSTRY 2814.—CYCLIC (COAL TAR) CRUDES													
Total.....	36	17	1,636	11,009	1,314	2,855	8,615	35,103	70,566	105,172	2,225	2,084	29,993
Northeast and North Central.....	22	9	965	6,632	821	1,830	5,595	18,745	43,403	62,094	919	1,306	17,663
South and West.....	14	8	671	4,377	493	1,025	3,020	16,358	27,163	43,078	1,306	778	12,330
INDUSTRY 2815.—INTERMEDIATE COAL TAR PRODUCTS													
Total.....	141	84	26,089	190,849	17,576	35,725	116,149	570,234	563,580	1,107,583	104,600	26,218	373,106
New England.....	11	7	1,024	6,747	733	1,537	3,967	20,466	19,693	37,934	4,437	583	7,341
Massachusetts.....	7	4	411	2,545	316	670	1,743	10,069	8,184	17,119	(D)	(²)	(²)
Middle Atlantic.....	72	40	14,301	105,478	9,348	18,999	62,214	273,597	246,035	503,569	42,296	14,841	192,732
New York.....	17	7	2,840	18,921	1,972	3,885	11,856	43,844	37,695	78,822	1,644	2,682	36,673
New Jersey.....	42	24	9,605	74,224	6,045	12,362	41,995	194,558	168,044	348,848	36,348	8,720	118,422
Pennsylvania.....	13	9	1,856	12,333	1,331	2,752	8,363	35,195	40,296	75,899	4,304	3,439	37,637
North Central.....	19	12	4,541	32,889	3,230	6,557	21,665	100,384	103,517	201,413	15,454	4,990	67,182
Ohio.....	6	4	1,172	7,814	898	1,879	5,583	17,267	20,171	36,815	5,850	1,788	23,735

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2815.—INTERMEDIATE COAL TAR PRODUCTS—Continued													
South.....	29	21	5,985	44,144	4,109	8,307	27,249	168,965	185,979	349,408	41,322	5,549	98,036
West Virginia....	5	4	1,924	13,272	1,395	2,830	8,689	69,076	47,250	115,123	12,025	1,720	30,608
Texas.....	9	6	2,005	17,224	1,468	3,069	12,116	60,480	90,699	147,734	14,401	(²)	(²)
West.....	10	4	238	1,591	156	325	1,054	6,822	8,356	15,259	1,091	255	7,815
California.....	7	2	102	805	54	121	438	1,213	2,304	3,612	(D)	(²)	(²)
INDUSTRY 2816.—INORGANIC PIGMENTS													
Total.....	96	49	11,544	76,372	8,135	16,161	49,859	286,407	194,171	484,768	17,365	11,368	235,658
Northeast.....	47	22	4,900	31,692	3,495	6,941	21,177	113,442	70,754	185,946	6,870	5,235	108,273
New York.....	10	6	1,463	9,363	986	1,890	5,674	23,648	22,248	45,929	871	1,361	15,902
Pennsylvania.....	13	8	1,332	7,909	916	1,895	5,042	24,663	27,301	52,587	4,917	1,625	20,351
North Central.....	22	13	3,039	20,499	2,244	4,507	14,796	68,853	48,545	118,878	1,617	3,192	57,789
Illinois.....	8	4	682	4,015	490	970	2,673	7,089	10,972	18,207	644	799	8,515
South and West.....	27	14	3,605	24,181	2,396	4,713	13,886	104,112	74,872	179,944	8,878	2,941	69,596
INDUSTRY 2818.—ORGANIC CHEMICALS, N.E.C.													
Total.....	464	241	85,492	677,252	56,370	114,438	405,019	2,727,450	2,105,674	4,840,176	400,981	77,442	1,725,790
New England.....	29	14	3,262	24,392	2,174	4,403	14,368	62,235	81,185	143,865	3,200	3,045	35,659
Massachusetts....	12	5	1,009	7,046	820	1,523	5,265	11,559	26,997	40,868	1,210	1,112	14,703
Rhode Island.....	5	4	146	1,083	78	162	360	2,650	6,713	9,351	(D)	(²)	(²)
Middle Atlantic....	148	75	21,591	169,025	13,825	28,102	96,128	391,451	479,817	867,801	43,655	18,305	276,778
New York.....	44	23	5,777	42,256	3,704	7,966	24,022	80,381	105,370	185,686	8,478	4,074	65,549
New Jersey.....	82	40	13,786	113,621	8,743	17,316	63,364	284,805	329,183	609,816	33,170	12,715	199,178
Pennsylvania.....	22	12	2,028	13,148	1,378	2,820	8,742	26,265	45,264	72,299	2,007	1,516	12,051
East North Central.	77	40	12,260	95,116	8,189	17,264	60,623	291,531	280,171	568,938	36,547	(²)	(²)
Ohio.....	32	15	1,890	15,256	1,196	2,518	8,562	49,776	62,557	112,824	13,760	1,158	24,552
Indiana.....	6	4	1,364	9,437	947	1,852	6,053	49,728	37,413	86,479	1,981	(²)	(²)
Illinois.....	22	10	2,627	19,348	1,389	2,899	9,627	56,143	79,715	136,093	8,689	897	21,982
Michigan.....	11	7	6,166	49,874	4,565	9,813	35,938	132,264	95,773	225,705	11,988	5,942	79,015
Wisconsin.....	6	4	213	1,201	92	182	443	3,620	4,713	7,837	129	116	1,771
West North Central.	18	4	2,457	17,524	1,854	3,636	9,981	33,644	50,347	82,708	8,992	(²)	(²)
South Atlantic.....	52	24	12,274	95,208	9,004	17,976	65,556	540,689	275,460	822,382	56,830	14,327	329,530
West Virginia....	11	9	10,222	81,645	7,663	15,245	57,634	470,478	197,919	673,748	48,205	12,932	302,120
North Carolina...	9	4	236	1,495	121	262	611	10,195	10,813	20,796	494	(²)	(²)
East South Central.	24	20	6,002	46,085	3,989	8,271	27,717	172,497	187,162	359,799	40,841	4,516	92,126
Kentucky.....	9	9	1,970	14,847	1,238	2,818	9,406	54,329	71,430	124,769	28,898	(²)	(²)
Tennessee.....	10	8	3,660	28,917	2,476	4,930	16,695	99,187	100,805	200,626	11,264	3,000	54,765
Alabama.....	5	3	372	2,321	275	523	1,616	18,981	14,927	34,404	679	343	8,612
West South Central.	65	43	25,058	210,668	15,847	31,748	120,630	1,164,341	674,752	1,845,761	196,920	23,489	721,775
Texas.....	42	26	19,324	162,554	12,046	24,051	91,644	960,793	542,609	1,509,472	122,718	16,800	578,143
Mountain.....	7	2	216	1,252	165	340	883	2,170	3,259	5,565	289	2,028	54,251
Pacific.....	44	19	2,372	17,982	1,323	2,698	9,133	68,892	73,521	143,357	13,707		46,752
California.....	36	17	2,281	17,431	1,266	2,582	8,784	67,326	69,844	137,845	13,624	1,709	46,752
INDUSTRY 2819.—INORGANIC CHEMICALS, N.E.C.													
Total.....	674	323	82,430	603,036	53,515	108,078	351,697	1,902,563	1,586,497	3,493,870	137,107	89,874	1,468,854
New England.....	33	10	543	3,460	346	655	2,004	10,130	10,870	21,076	450	827	8,813
Massachusetts....	18	7	421	2,706	264	485	1,546	5,559	8,833	14,446	277	547	5,751
Middle Atlantic....	120	54	7,081	47,473	4,746	9,578	29,295	183,660	246,052	429,259	10,684	9,785	140,237
New Jersey.....	52	31	3,888	26,199	2,521	5,250	15,481	89,144	115,802	204,704	5,816	3,553	59,256
East North Central.	134	62	14,334	102,627	9,922	19,185	66,328	313,495	315,075	631,034	34,631	17,252	275,134
Ohio.....	46	23	7,544	53,673	4,855	8,981	32,552	156,822	141,352	301,916	5,955	9,286	145,115
Indiana.....	14	8	957	7,001	707	1,331	4,471	32,479	37,711	69,341	17,850	(²)	(²)
Illinois.....	33	21	2,974	20,807	2,172	4,428	13,655	62,015	66,781	128,733	4,660	3,836	58,255
Michigan.....	29	10	2,789	20,703	2,143	4,354	15,379	60,027	67,013	126,664	5,989	3,287	46,921
West North Central.	42	23	5,372	38,597	3,251	6,576	20,282	107,643	94,116	199,441	22,395	4,864	67,604
Minnesota.....	7	3	283	2,045	192	414	1,278	7,536	6,594	14,117	421	382	7,563
Missouri.....	15	8	2,714	21,145	1,220	2,414	8,089	35,753	36,975	72,701	3,679	(²)	(²)
Kansas.....	9	5	1,438	9,207	1,082	2,189	6,413	37,293	30,863	68,061	(D)	(²)	(²)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2819.—INORGANIC CHEMICALS, N.E.C.—Continued												
South Atlantic.....	100	43	14,688	103,874	8,859	17,812	53,305	296,371	161,959	459,862	13,116	15,945	234,974
Maryland.....	15	6	1,565	9,254	1,140	2,411	6,363	26,734	25,859	53,277	1,730	1,658	21,084
Virginia.....	16	7	2,129	13,247	1,480	3,068	8,483	41,199	32,899	74,650	821	(²)	(²)
West Virginia.....	6	3	349	2,356	280	561	1,724	4,263	7,689	12,077	159	(²)	(²)
Georgia.....	18	8	780	4,839	536	1,141	2,663	18,050	27,855	45,750	2,716	634	10,636
Florida.....	26	12	888	5,668	692	1,447	3,997	24,454	31,161	55,575	6,406	383	12,236
East South Central.....	39	27	15,296	110,513	9,750	20,023	62,263	378,730	282,243	659,551	13,909	16,352	301,078
Tennessee.....	21	14	11,323	83,177	7,045	14,547	45,527	256,253	143,426	398,860	9,240	12,279	205,821
Mississippi.....	6	4	883	5,515	574	1,259	3,071	33,879	11,880	44,879	2,830	607	14,627
West South Central.....	89	47	9,327	68,421	7,099	14,667	48,729	248,406	312,704	565,279	25,455	8,985	164,851
Louisiana.....	25	14	3,194	24,955	2,338	4,955	17,183	61,115	127,700	193,950	9,447	2,833	44,095
Texas.....	51	26	3,469	24,160	2,727	5,660	17,646	126,675	130,463	256,758	11,756	3,593	77,470
West.....	117	57	15,789	128,071	9,542	19,582	69,491	364,128	163,478	528,368	16,467	15,864	276,163
Colorado.....	4	3	125	748	96	186	524	1,930	3,275	5,281	232	122	1,686
California.....	75	36	3,738	26,495	2,655	5,246	17,576	87,538	99,700	186,937	13,030	3,696	80,099

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2812, Alkalies and Chlorine: New England—New Hampshire, 1 (20-99); Rhode Island, 1 (20-99); Middle Atlantic—New York, 3 (2,154); East North Central—Ohio, 3 (2,500-4,999); Michigan, 3 (3,597); West North Central—Kansas, 1 (250-499); South Atlantic—Maryland, 1 (20-99); Virginia, 1 (1,000-2,499); West Virginia, 2 (1,000-2,499); North Carolina, 1 (20-99); Georgia, 1 (100-249); East South Central—Tennessee, 1 (100-249); Alabama, 4 (250-499); Mississippi, 1 (20-99); West South Central—Arkansas, 1 (20-99); Louisiana, 4 (2,023); Texas, 3 (1,000-2,499); Mountain—Nevada, 1 (250-499); Pacific—Oregon, 1 (100-249); California, 1 (500-999).

SIC 2813, Industrial Gases: New England—Maine, 2 (20-99); Rhode Island, 1 (1-19); Connecticut, 2 (1-19); East North Central—Indiana, 12 (250-499); Wisconsin, 8 (20-99); West North Central—Minnesota, 8 (20-99); Iowa, 4 (20-99); South Dakota, 2 (20-99); Nebraska, 1 (20-99); South Atlantic—Delaware, 3 (20-99); Maryland, 9 (291); Virginia, 7 (20-99); West Virginia, 8 (20-99); East South Central—Kentucky, 7 (250-499); Tennessee, 18 (281); Mississippi, 3 (1-19); West South Central—Oklahoma, 7 (20-99); Mountain—Montana, 4 (1-19); Idaho, 2 (1-19); Wyoming, 2 (1-19); Colorado, 9 (20-99); New Mexico, 2 (20-99); Utah, 5 (20-99); Nevada, 2 (20-99); Pacific—Oregon, 6 (175); Alaska, 2 (20-99); Hawaii, 3 (20-99).

SIC 2814, Cyclic (Coal Tar) Crudes: New England—Maine, 2 (1-19); Connecticut, 1 (1-19); Middle Atlantic—New York, 2 (1-19); New Jersey, 2 (250-499); Pennsylvania, 2 (20-99); East North Central—Ohio, 6 (361); Indiana, 2 (1-19); Illinois, 2 (100-249); Michigan, 1 (20-99); West North Central—Minnesota, 2 (20-99); South Atlantic—Maryland, 2 (20-99); West Virginia, 2 (250-499); East South Central—Tennessee, 2 (20-99); Alabama, 3 (202); West South Central—Texas, 2 (20-99); Mountain—Utah, 1 (20-99); Pacific—Washington, 1 (1-19); California, 1 (20-99).

SIC 2815, Intermediate Coal Tar Products: New England—Rhode Island, 2 (250-499); Connecticut, 2 (100-249); East North Central—Indiana, 1 (100-249); Illinois, 7 (2,500-4,999); Michigan, 4 (250-499); West North Central—Kansas, 1 (1-19); South Atlantic—Delaware, 1 (500-999); Maryland, 2 (100-249); Virginia, 1 (20-99); North Carolina, 4 (475); South Carolina, 1 (20-99); Georgia, 2 (20-99); East South Central—Kentucky, 1 (20-99); Tennessee, 1 (250-499); Alabama, 2 (250-499); Mountain—Nevada, 1 (20-99); Pacific—Oregon, 2 (20-99).

SIC 2816, Inorganic Pigments: New England—Maine, 3 (1-19); Vermont, 1 (20-99); Rhode Island, 2 (20-99); Middle Atlantic—New Jersey, 18 (1,000-2,499); East North Central—Ohio, 6 (250-499); Indiana, 1 (20-99); Wisconsin, 1 (20-99); West North Central—Missouri, 4 (1,000-2,499); North Dakota, 1 (1-19); Kansas, 1 (100-249); South Atlantic—Delaware, 1 (500-999); Maryland, 4 (1,143); Virginia, 2 (250-499); West Virginia, 1 (20-99); Georgia, 2 (250-499); Florida, 1 (1-19); East South Central—Kentucky, 1 (100-249); Tennessee, 1 (250-499); West South Central—Texas, 3 (20-99); Mountain—Montana, 1 (20-99); Pacific—California, 10 (100-249).

SIC 2818, Organic Chemicals, N.E.C.: New England—Maine, 1 (100-249); New Hampshire, 3 (20-99); Connecticut, 8 (1,897); West North Central—Minnesota, 3 (1-19); Iowa, 1 (1-19); Missouri, 9 (1,000-2,499); Nebraska, 3 (20-99); Kansas, 2 (1-19); South Atlantic—Delaware, 5 (20-99); Maryland, 10 (432) District of Columbia, 1 (1-19); Virginia, 4 (915); South Carolina, 7 (20-99); Georgia, 3 (20-99); Florida, 2 (250-499); West South Central—Arkansas, 1 (1-19); Louisiana, 19 (5,482); Oklahoma, 3 (250-499); Mountain—Idaho, 1 (1-19); Colorado, 4 (202); New Mexico, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 4 (20-99); Oregon, 2 (1-19); Hawaii, 2 (1-19).

SIC 2819, Inorganic Chemicals, N.E.C.: New England—Maine, 1 (1-19); New Hampshire, 1 (1-19); Rhode Island, 6 (20-99); Connecticut, 7 (20-99); Middle Atlantic—New York, 36 (1,000-2,499); Pennsylvania, 32 (1,000-2,499); East North Central—Wisconsin, 12 (20-99); West North Central—Iowa, 9 (483); Nebraska, 2 (250-499); South Atlantic—Delaware, 2 (500-999); North Carolina, 13 (250-499); South Carolina, 4 (7,900); East South Central—Kentucky, 7 (2,258); Alabama, 5 (832); West South Central—Arkansas, 9 (1,000-2,499); Oklahoma, 4 (100-249); Mountain—Montana, 4 (195); Idaho, 5 (2,587); Wyoming, 3 (20-99); New Mexico, 1 (20-99); Arizona, 4 (20-99); Utah, 3 (20-99); Nevada, 3 (348); Pacific—Washington, 12 (8,496); Oregon, 2 (20-99); Hawaii, 1 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2813)	Cyclic (coal tar) crudes (SIC 2814)	Intermediate coal tar products (SIC 2815)	Inorganic pigments (SIC 2816)	Organic chemicals, n.e.c. (SIC 2818)	Inorganic chemicals (SIC 2819)	
							Total, all establishments	Privately-owned, privately operated establishments
Primary product specialization ratio ¹.....	.66	.98	(D)	.69	.91	.72	³ .88	.88
Coverage ratio ².....	.79	.87	(D)	.65	.87	.81	³ .74	.74
Establishments, total.....number..	38	456	36	141	96	464	674	665
With 1 to 19 employees.....do....	1	310	19	57	47	223	351	351
With 20 to 99 employees.....do....	10	133	13	40	25	119	186	186
With 100 employees or more.....do....	27	13	4	44	24	122	137	128
Proprietors and working partners.....do....	-	15	1	14	11	71	102	102
All employees (average for the year).....do....	19,652	9,809	1,636	26,089	11,544	85,492	82,430	51,059
Payroll (all employees), total for year.....\$1,000..	138,156	66,551	11,009	190,849	76,372	677,252	603,036	353,064
Production workers:								
Average for the year.....number..	13,489	5,250	1,314	17,576	8,135	56,370	53,515	36,381
March.....do....	13,237	5,142	1,380	17,420	8,078	55,788	53,092	(NA)
May.....do....	13,515	5,209	1,398	17,666	7,987	56,350	53,344	(NA)
August.....do....	13,679	5,460	1,178	17,673	8,254	57,005	54,930	(NA)
November.....do....	13,526	5,189	1,300	17,545	8,221	56,337	52,694	(NA)
Man-hours.....1,000..	27,594	11,069	2,855	35,725	16,161	114,438	108,078	74,000
January-March.....do....	6,795	2,671	730	8,909	4,023	28,200	27,309	(NA)
April-June.....do....	6,892	2,774	737	9,170	4,055	29,002	27,244	(NA)
July-September.....do....	6,904	2,852	694	8,550	3,940	27,928	26,854	(NA)
October-December.....do....	7,003	2,772	694	9,096	4,143	29,308	26,671	(NA)
Wages.....\$1,000..	88,091	33,459	8,615	116,149	49,859	405,019	351,697	232,397
Cost of materials, etc., total.....do....	263,553	164,374	70,566	563,580	194,171	2,105,674	⁴ 1,586,497	1,379,427
Materials, parts, containers, and supplies consumed.....do....	159,280	80,517	60,819	483,406	158,921	1,764,876	⁴ 1,141,635	1,141,635
Cost of resales.....do....	19,804	39,474	5,449	41,279	15,714	122,913	64,480	64,480
Fuels consumed.....do....	45,153	6,920	3,295	23,554	13,073	138,619	⁴ 101,447	90,584
Electric energy:								
Purchased:								
Quantity.....million kw.-hrs..	6,061	4,214	69	1,680	584	8,524	62,315	12,002
Cost.....\$1,000..	37,689	36,169	724	14,136	4,986	60,717	⁴ 273,034	76,827
Generated less sold.....million kw.-hrs..	3,710	286	-	(D)	(D)	5,409	2,952	(NA)
Contract work.....\$1,000..	1,627	1,294	279	1,205	1,477	18,549	5,901	5,901
Value of shipments (including resales), total.....do....	652,120	425,388	105,172	1,107,583	484,768	4,840,176	⁵ 3,493,870	2,627,999
Value of resales.....do....	21,043	64,956	6,687	46,414	20,503	129,412	85,968	85,968
Value added by manufacture, adjusted.....do....	389,243	260,182	35,103	570,234	286,407	2,727,450	⁶ 1,902,563	1,243,772
Manufacturers' inventories:								
Beginning of year, total.....do....	64,130	15,273	14,662	166,485	89,758	546,828	⁷ 317,749	317,749
Finished products.....do....	27,922	11,323	8,935	80,439	41,628	298,053	139,570	139,570
Work-in-process.....do....	3,228	73	1,532	42,687	7,968	89,434	53,048	53,048
Materials, supplies, fuel, etc.....do....	32,980	3,877	4,195	43,359	40,162	159,341	125,131	125,131
End of year, total.....do....	64,328	15,284	16,138	194,818	86,597	552,836	⁷ 312,569	312,569
Finished products.....do....	28,268	10,516	9,842	100,325	38,269	289,857	137,292	137,292
Work-in-process.....do....	3,558	48	1,122	49,032	7,137	90,578	50,516	50,516
Materials, supplies, fuel, etc.....do....	32,502	4,720	5,174	45,461	41,191	172,401	124,761	124,761
Expenditures for plant and equipment, total.....do....	57,548	96,364	2,226	104,982	17,723	402,605	⁷ 138,877	138,877
New, total.....do....	57,470	93,518	2,225	104,600	17,365	400,981	137,107	137,107
New structures and additions to plant.....do....	6,590	18,059	198	15,739	1,988	73,068	58,172	58,172
New machinery and equipment.....do....	50,880	75,459	2,027	88,861	15,377	327,913	78,935	78,935
Used plant and equipment.....do....	78	2,846	1	382	358	1,624	1,770	1,770
Selected operating ratios:								
Payroll/Total employment.....	7,030	6,785	6,729	7,315	6,618	7,922	7,316	6,915
Production workers/Total employment.....	.69	.54	.80	.67	.70	.66	.65	.71
Man-hours/Production workers.....	2,046	2,108	2,173	2,033	1,987	2,030	2,020	2,034
Production worker wages/Man-hours.....	3.19	3.02	3.02	3.25	3.09	3.54	3.25	3.14
Cost of materials and payrolls/Total value of shipments....	.62	.54	.78	.68	.56	.57	.63	.66
Cost of materials/Total value of shipments.....	.40	.39	.67	.51	.40	.44	.45	.52
Adjusted value added/Total employment.....	19,807	26,525	21,457	21,857	24,810	31,903	23,081	24,359
Salaries and wages/Adjusted value added.....	.35	.26	.31	.33	.27	.25	.32	.28

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

³Government-owned, contractor operated plants did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts" as receipts for contract.

⁴Excludes government-owned materials furnished to government-owned, contractor operated establishments and includes fuels and electricity purchased by or for these establishments.

⁵Includes a calculated value of shipments of \$865,871 thousand for government-owned, contractor operated establishments comprised of adjusted value added (estimated as described in footnote 6) plus the cost of fuels and electric energy.

⁶Includes value added in the amount of \$658,791 thousand for government-owned, contractor operated establishments which was estimated based upon averages reported for commercial establishments in prior years.

⁷Capital expenditures and inventories of government-owned, contractor operated establishments are excluded from the totals for the industry.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2812.—ALKALIES AND CHLORINE											
Establishments.....number..	38	1	-	-	1	9	10	4	7	5	1
All employees:											
Total.....do....	19,652	637	-	-	(D)	(D)	1,642	1,370	5,113	10,890	(D)
Payroll.....\$1,000..	138,156	4,328	-	-	(D)	(D)	10,884	9,489	38,604	74,851	(D)
Value added, adjusted.....do....	389,243	12,845	-	-	(D)	(D)	51,665	32,886	115,505	176,342	(D)
Value of shipments.....do....	652,120	26,071	-	-	(D)	(D)	90,565	54,608	191,871	289,005	(D)
Capital expenditures, new...do....	57,470	6,408	-	-	(D)	(D)	7,607	2,329	18,434	22,692	(D)
INDUSTRY 2813.—INDUSTRIAL GASES											
Establishments.....number..	456	134	70	106	98	35	12	1	-	-	-
All employees:											
Total.....do....	9,809	288	480	1,471	2,967	2,352	2,251	(D)	-	-	-
Payroll.....\$1,000..	66,551	1,847	3,122	10,242	20,135	16,553	14,652	(D)	-	-	-
Value added, adjusted.....do....	260,182	21,100	22,382	50,495	65,050	67,188	33,967	(D)	-	-	-
Value of shipments.....do....	425,388	39,608	36,985	74,979	103,308	95,456	75,052	(D)	-	-	-
Capital expenditures, new...do....	93,518	130,895	(D)	17,980	24,895	14,878	4,870	(D)	-	-	-
INDUSTRY 2814.—CYCLIC (COAL TAR) CRUDES											
Establishments.....number..	36	6	6	7	9	4	2	2	-	-	-
All employees:											
Total.....do....	1,636	57	(D)	109	297	1,173	(D)	(D)	-	-	-
Payroll.....\$1,000..	11,009	326	(D)	666	2,027	7,990	(D)	(D)	-	-	-
Value added, adjusted.....do....	35,103	1,249	(D)	1,264	10,213	22,377	(D)	(D)	-	-	-
Value of shipments.....do....	105,172	4,449	(D)	6,805	27,260	66,658	(D)	(D)	-	-	-
Capital expenditures, new...do....	2,225	140	(D)	878	(D)	1,207	(D)	(D)	-	-	-
INDUSTRY 2815.—INTERMEDIATE COAL TAR PRODUCTS											
Establishments.....number..	141	22	9	26	23	17	20	10	8	5	1
All employees:											
Total.....do....	26,089	35	57	358	776	1,299	3,186	3,475	5,516	11,387	(D)
Payroll.....\$1,000..	190,849	211	381	2,481	4,953	9,196	21,598	22,791	40,923	88,315	(D)
Value added, adjusted.....do....	570,234	594	1,058	8,720	16,363	26,844	65,061	79,282	122,027	250,285	(D)
Value of shipments.....do....	1,107,583	1,506	2,209	20,394	38,183	62,206	133,174	163,182	223,362	463,367	(D)
Capital expenditures, new...do....	104,600	6,307	(D)	(D)	1,385	3,387	13,944	16,175	17,101	46,301	(D)
INDUSTRY 2816.—INORGANIC PIGMENTS											
Establishments.....number..	96	20	14	13	14	11	10	8	4	2	-
All employees:											
Total.....do....	11,544	49	103	172	452	698	1,623	2,878	5,569	(D)	-
Payroll.....\$1,000..	76,372	230	625	948	2,790	3,909	8,801	18,199	40,870	(D)	-
Value added, adjusted.....do....	286,407	1,135	2,030	4,059	10,728	11,848	27,032	73,638	155,937	(D)	-
Value of shipments.....do....	484,768	3,570	7,163	6,656	21,078	30,740	70,578	120,338	224,645	(D)	-
Capital expenditures, new...do....	17,365	21,067	(D)	(D)	621	156	812	9,163	5,546	(D)	-
INDUSTRY 2818.—ORGANIC CHEMICALS, N.E.C.											
Establishments.....number..	464	134	43	46	72	47	57	26	21	12	6
All employees:											
Total.....do....	85,492	246	284	634	2,268	3,392	9,096	9,188	14,214	21,627	24,543
Payroll.....\$1,000..	677,252	1,651	1,876	4,363	15,323	23,806	66,465	68,478	111,952	175,272	208,066
Value added, adjusted.....do....	2,727,450	7,513	4,909	13,124	62,117	104,066	280,623	263,673	554,199	714,373	722,853
Value of shipments.....do....	4,840,176	17,439	14,769	29,736	152,658	235,618	572,264	497,218	952,202	1,160,016	1,208,256
Capital expenditures, new...do....	400,981	341,018	716	839	13,961	13,791	70,980	34,672	80,724	76,314	67,966

See footnotes at end of table.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963—Continued

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2819.—INORGANIC CHEMICALS, N.E.C., TOTAL (ALL ESTABLISHMENTS—PRIVATE AND GOVERNMENT)										
Establishments.....number..	674	168	90	93	111	75	74	33	18	8	4
All employees:											
Total.....do....	82,430	232	626	1,312	3,531	5,164	11,630	11,617	12,583	11,690	24,045
Payroll.....\$1,000..	603,036	1,401	3,756	8,116	21,756	34,670	78,662	83,100	91,129	86,336	194,110
Value added, adjusted.....do....	1,902,563	9,898	16,661	41,533	99,263	127,450	296,853	303,978	279,057	222,853	505,017
Value of shipments.....do....	3,493,870	25,691	35,646	79,623	217,072	303,634	620,763	604,092	616,779	409,695	580,875
Capital expenditures, new...do....	137,107	45,452	1,584	1,896	9,555	32,267	23,672	40,888	14,297	7,496	-
	Subindustry 2819-11.--Inorganic Chemicals, N.E.C. (PRIVATELY-OWNED AND OPERATED ESTABLISHMENTS)										
Establishments.....number..	665	168	90	93	111	75	74	33	17	4	-
All employees:											
Total.....do....	51,059	232	626	1,312	3,531	5,164	11,630	11,617	<u>16,947</u>	(D)	-
Payroll.....\$1,000..	353,064	1,401	3,756	8,116	21,756	34,670	78,662	83,100	<u>121,603</u>	(D)	-
Value added, adjusted.....do....	1,243,772	9,898	16,661	41,533	99,263	127,450	296,853	303,978	<u>348,136</u>	(D)	-
Value of shipments.....do....	2,627,999	25,691	35,646	79,623	217,072	303,634	620,763	604,092	<u>741,478</u>	(D)	-
Capital expenditures, new...do....	137,107	45,452	1,584	1,896	9,555	32,267	23,672	40,888	<u>21,793</u>	(D)	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures of approximately \$5-\$10 million for plants under construction but not in operation.²Includes capital expenditures of approximately \$500-\$1,000 thousand for plants under construction but not in operation.³Includes capital expenditures of approximately \$10-\$29 million for plants under construction but not in operation.⁴Includes capital expenditures of approximately \$2-\$5 million for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
						Col. B Col. B+C (percent)				Col. B Col. F (percent)
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		(\$1,000)	(\$1,000)	(\$1,000)	(percent)
		A	B	C	D	E	F	G	H	I
2812	Alkalies and chlorine.....1963..	652,120	415,963	214,189	21,968	66	526,501	415,963	110,538	79
	1958..	504,309	356,512	130,162	17,635	73	425,431	356,512	68,919	84
2813	Industrial gases.....1963..	425,388	340,770	7,778	76,840	98	389,626	340,770	48,856	87
	1958..	277,441	222,972	2,130	52,339	99	262,581	222,972	39,609	85
2814	Cyclic (coal tar) crudes.....1963..	105,172	(D)	(D)	(D)	(D)	79,317	(D)	(D)	(D)
	1958..	116,972	87,074	27,342	2,556	76	105,316	87,074	18,242	83
2815	Intermediate coal tar products....1963..	1,107,583	728,140	327,724	51,719	69	1,115,897	728,140	387,757	65
	1958..	817,387	513,422	260,587	43,378	76	788,495	513,422	275,073	65
2816	Inorganic pigments.....1963..	484,768	419,532	40,345	24,891	91	480,352	419,532	60,820	87
	1958..	417,673	365,156	30,639	21,878	92	412,011	365,156	46,855	89
2818	Organic chemicals, n.e.c.....1963..	4,840,176	3,384,192	1,309,987	145,997	72	4,183,750	3,384,192	799,558	81
	1958..	3,097,963	2,212,820	809,414	75,729	73	2,787,327	2,212,820	574,507	79
2819	Inorganic chemicals, n.e.c.....1963..	3,493,870	2,217,484	294,131	982,255	¹ 88	2,995,866	2,217,484	778,382	¹ 74
	1958..	2,754,427	1,635,439	243,485	875,503	¹ 87	2,146,345	1,635,439	510,906	¹ 76

NOTE: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹Government-owned, privately operated establishments did not enter into the calculation of "Primary product specialization ratio" or "Coverage ratio" as all dollar receipts for these establishments were included in "Miscellaneous receipts."

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Alkalies and chlorine (SIC 2812)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Industrial gases (SIC 2813)	Other industries
	ALKALIES AND CHLORINE INDUSTRY					INDUSTRIAL GASES INDUSTRY—Con.			
	Total shipments and receipts of the industry.....	(X)	652,120	(X)		Secondary products.....	(X)	7,778	(X)
	Primary products.....	526,501	415,963	110,538		Miscellaneous receipts.....	(X)	76,840	(X)
28121	Chlorine, compressed and liquefied.....	164,039	124,821	39,218		Resales.....	(X)	64,956	(X)
28122	Sodium carbonate.....	123,625	(D)	(D)		Other receipts.....	(X)	11,884	(X)
28123	Sodium hydroxide (caustic soda)..<	209,725	147,040	62,685		Listing of other industries with over \$2 million shipments of each primary product class:			
28124	Other alkalies.....	27,574	(D)	(D)	28132	2818 Organic chemicals, n.e.c....	(X)	(X)	4,037
28120	Alkalies and chlorine, n.s.k.....	1,538	(D)	(D)	28132	2819 Inorganic chemicals, n.e.c..	(X)	(X)	(5-10)
	Secondary products.....	(X)	214,189	(X)	28132	3313 Electrometallurgical products	(X)	(X)	(10-20)
28133	Carbon dioxide.....	(X)	3,999	(X)	28133	2812 Alkalies and chlorine.....	(X)	(X)	3,999
28134	Elemental gases and compressed and liquefied gases, n.e.c.....	(X)	2,529	(X)	28133	2819 Inorganic chemicals, n.e.c..	(X)	(X)	(over 2)
28182	Miscellaneous acyclic chemicals and chemical products.....	(X)	59,562	(X)	28134	2812 Alkalies and chlorine.....	(X)	(X)	2,529
28191	Synthetic ammonia, nitric acid and ammonium compounds.....	(X)	13,604	(X)	28134	2818 Organic chemicals, n.e.c....	(X)	(X)	2,842
28192	Inorganic industrial household bleaching compounds.....	(X)	4,910	(X)			All industries	Cyclic (coal tar) crudes (SIC 2814)	Other industries
28194	Inorganic acids, except nitric and sulfuric.....	(X)	6,732	(X)					
28197	Potassium and sodium compounds (except bleaches, alkalies and alums).....	(X)	11,963	(X)		CYCLIC (COAL TAR) CRUDES INDUSTRY			
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.....	(X)	31,615	(X)	28140	Total shipments and receipts of the industry.....	(X)	105,172	(X)
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	6,488	(X)		Cyclic (coal tar) crudes.....	79,317	(D)	(D)
	Other secondary products.....	(X)	172,787	(X)		Secondary products.....	(X)	(D)	(X)
	Miscellaneous receipts.....	(X)	21,968	(X)		Miscellaneous receipts.....	(X)	(D)	(X)
	Resales.....	(X)	21,043	(X)		Resales.....	(X)	6,687	(X)
	Other receipts.....	(X)	925	(X)		Listing of other industries with over \$2 million shipments of product class 28140:			
28121	Listing of other industries with over \$2 million shipments of each primary product class:				28140	2815 Intermediate coal tar products.....	(X)	(X)	(over 2)
	2815 Intermediate coal tar products.....	(X)	(X)	(over 2)	28140	2952 Asphalt felts and coatings..	(X)	(X)	(5-10)
28121	2818 Organic chemicals, n.e.c....	(X)	(X)	23,913			All industries	Intermediate coal tar products (SIC 2815)	Other industries
28121	2819 Inorganic chemicals, n.e.c....	(X)	(X)	11,339					
28123	2818 Organic chemicals, n.e.c....	(X)	(X)	50,866		INTERMEDIATE COAL TAR PRODUCTS INDUSTRY			
28123	2819 Inorganic chemicals, n.e.c....	(X)	(X)	8,133		Total shipments and receipts of the industry.....	(X)	1,107,583	(X)
28124	2818 Organic chemicals, n.e.c....	(X)	(X)	6,631		Primary products.....	1,115,897	728,140	387,757
		All industries	Industrial gases (SIC 2813)	Other industries	28151	Cyclic intermediates.....	758,579	438,586	319,993
	INDUSTRIAL GASES INDUSTRY				28152	Synthetic organic dyes.....	243,147	186,910	56,237
	Total shipments and receipts of the industry.....	(X)	425,388	(X)	28153	Synthetic organic pigments, lakes, and toners.....	111,653	100,126	11,527
	Primary products.....	389,626	340,770	48,856	28150	Intermediate coal tar products, n.s.k.....	2,518	2,518	-
28132	Acetylene.....	93,463	63,832	29,631		Secondary products.....	(X)	327,724	(X)
28133	Carbon dioxide.....	49,878	42,417	7,461	28163	Chrome colors and other inorganic pigments.....	(X)	18,544	(X)
28134	Elemental gases and compressed and liquefied gases, n.e.c.....	244,627	232,863	11,764	28181	Miscellaneous cyclic chemical products.....	(X)	19,233	(X)
28130	Industrial gases, n.s.k.....	1,658	1,658	-					

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Intermediate coal tar products (SIC 2815)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Inorganic pigments (SIC 2816)	Other industries
	INTERMEDIATE COAL TAR PRODUCTS INDUSTRY—Continued					INORGANIC PIGMENTS INDUSTRY—Con.			
	Secondary products—Continued					Miscellaneous receipts.....	(X)	24,891	(X)
28182	Miscellaneous acyclic chemicals and chemical products.....	(X)	67,883	(X)		Resales.....	(X)	20,503	(X)
28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....	(X)	25,207	(X)		Other receipts.....	(X)	4,388	(X)
28184	Pesticide and other organic agricultural chemicals (not formulations).....	(X)	16,121	(X)	28162	2819 Inorganic chemicals, n.e.c..	(X)	(X)	5,568
28197	Potassium and sodium compounds (except bleaches, alkalies and alums).....	(X)	10,034	(X)	28162	3333 Primary zinc.....	(X)	(X)	(over 2)
28214	Thermosetting resins and plastics materials.....	(X)	11,313	(X)	28163	2815 Intermediate coal tar products.....	(X)	(X)	18,544
28430	Surface active and finishing agents.....	(X)	20,103	(X)	28163	2818 Organic chemicals, n.e.c....	(X)	(X)	(over 2)
28519	Miscellaneous paint products....	(X)	3,701	(X)	28163	2819 Inorganic chemicals, n.e.c....	(X)	(X)	(5-10)
	Other secondary products.....	(X)	2135,586	(X)	28163	2851 Paints and allied products..	(X)	(X)	6,148
	Miscellaneous receipts.....	(X)	51,719	(X)	28163	2899 Chemical preparations, n.e.c..	(X)	(X)	9,124
	Resales.....	(X)	46,414	(X)					
	Contract work.....	(X)	2,317	(X)					
	Other receipts.....	(X)	2,988	(X)		ORGANIC CHEMICALS, N.E.C., INDUSTRY			
	Listing of other industries with over \$2 million shipments of each primary product class:					Total shipments and receipts of the industry.....	(X)	4,840,176	(X)
28151	2812 Alkalies and chlorine.....	(X)	(X)	(5-10)		Primary products.....	4,183,750	3,384,192	799,558
28151	2814 Cyclic (coat tar) crudes...	(X)	(X)	11,952	28181	Miscellaneous cyclic chemicals products.....	200,536	130,628	69,908
28151	2818 Organic chemicals, n.e.c....	(X)	(X)	208,383	28182	Miscellaneous acyclic chemicals and chemical products.....	3,129,136	2,599,703	529,433
28151	2819 Inorganic chemicals, n.e.c..	(X)	(X)	5,335	28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....	426,816	313,989	112,827
28151	2821 Plastics materials and resins.....	(X)	(X)	20,218	28184	Pesticide and other organic agricultural chemicals (not formulations).....	223,381	177,221	46,160
28151	2822 Synthetic rubber.....	(X)	(X)	(10-20)					
28151	2841 Soap and other detergents..	(X)	(X)	(over 2)	28185	Ethyl alcohol and other industrial organic chemicals, n.e.c.....	192,275	151,725	40,550
28151	2911 Petroleum refining.....	(X)	(X)	41,002		Organic chemicals, n.e.c., n.s.k..	11,606	10,926	680
28152	2818 Organic chemicals, n.e.c....	(X)	(X)	(20-50)		Secondary products.....	(X)	1,309,987	(X)
28152	2893 Printing ink.....	(X)	(X)	(over 2)	28121	Chlorine, compressed and liquefied	(X)	23,913	(X)
28153	2816 Inorganic pigments.....	(X)	(X)	7,583	28123	Sodium hydroxide (caustic soda)...	(X)	50,866	(X)
28153	2818 Organic chemicals, n.e.c....	(X)	(X)	(over 2)	28124	Other alkalies.....	(X)	6,631	(X)
					28132	Acetylene.....	(X)	4,037	(X)
					28134	Elemental gases and compressed and liquefied gases, n.e.c.....	(X)	2,842	(X)
					28151	Cyclic intermediates.....	(X)	208,383	(X)
					28191	Synthetic ammonia, nitric acid, and ammonium compounds.....	(X)	67,048	(X)
					28193	Sulfuric acid.....	(X)	13,990	(X)
					28194	Inorganic acids, except nitric and sulfuric.....	(X)	29,889	(X)
					28196	Other aluminum compounds.....	(X)	3,603	(X)
					28197	Potassium and sodium compounds (except bleaches, alkalies, and alums).....	(X)	13,842	(X)
					28198	Chemical catalytic preparations...	(X)	9,055	(X)
					28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.....	(X)	34,808	(X)
28161	Titanium pigments.....	277,281	277,281	-	28213	Thermoplastic resins and plastics materials.....	(X)	339,309	(X)
28162	Other white opaque pigments.....	50,378	36,130	14,248	28114	Thermosetting resins and plastics materials.....	(X)	13,410	(X)
28163	Chrome colors and other inorganic pigments.....	151,811	105,239	46,572	28216	Synthetic resins for protective coatings.....	(X)	8,976	(X)
28160	Inorganic pigments, n.s.k.....	882	882	-					
	Secondary products.....	(X)	40,345	(X)					
28153	Synthetic organic pigments, lakes and toners.....	(X)	7,583	(X)					
28193	Sulfuric acid.....	(X)	3,458	(X)					
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.....	(X)	15,707	(X)					
	Other secondary products.....	(X)	313,597	(X)					

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Organic chemicals, n.e.c. (SIC 2818)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Organic chemicals, n.e.c. (SIC 2818)	Other industries
ORGANIC CHEMICALS, N.E.C. INDUSTRY—Continued					ORGANIC CHEMICALS, N.E.C. INDUSTRY—Continued				
Secondary products—Continued					Listing of other industries with over \$2 million shipments of each primary product class—Continued				
28219	Plastics and resin materials, n.e.c.....	(X)	5,430	(X)	28184	2819 Inorganic chemicals, n.e.c..	(X)	(X)	15,153
28220	Synthetic rubber (vulcanizable elastomers).....	(X)	49,445	(X)	28184	2834 Pharmaceutical preparations.	(X)	(X)	(over 2)
28331	Synthetic organic medicinal chemicals, in bulk (human and veterinary).....	(X)	39,210	(X)	28184	2879 Agricultural chemicals, n.e.c.....	(X)	(X)	8,626
28414	Glycerin.....	(X)	26,652	(X)	28185	2819 Inorganic chemicals, n.e.c..	(X)	(X)	5,764
28430	Surface active and finishing agents.....	(X)	44,303	(X)	28185	2821 Plastics materials and resins.....	(X)	(X)	(over 2)
28442	Perfumes, toilet water, and colognes.....	(X)	8,702	(X)	28185	2833 Medicinals and botanicals...	(X)	(X)	3,018
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	45,885	(X)	28185	2834 Pharmaceutical preparations.	(X)	(X)	(5-10)
28993	Essential oils, fireworks, and pyrotechnics, chemical and chemical preparations, n.e.c....	(X)	70,363	(X)	28185	2899 Chemical preparations, n.e.c.....	(X)	(X)	(5-10)
29522	Asphalt and tar coatings, cements, and pitches.....	(X)	1,982	(X)	INORGANIC CHEMICALS, N.E.C., INDUSTRY				
	Other secondary products.....	(X)	187,413	(X)					
Miscellaneous receipts.....					Total shipments and receipts of the industry.....				
	Resales.....	(X)	145,997	(X)			(X)	3,493,870	(X)
	Contract work.....	(X)	5,979	(X)	Primary products.....				
	Other receipts.....	(X)	10,606	(X)	2,995,866	2,217,484	778,382		
Listing of other industries with over \$2 million shipments of each primary product class:					28191	Synthetic ammonia, nitric acid and ammonium compounds.....	587,807	424,876	162,931
28181	2812 Alkalies and chlorine.....	(X)	(X)	(10-20)	28292	Inorganic industrial household bleaching compounds.....	200,000	143,350	56,650
28181	2813 Industrial gases.....	(X)	(X)	(over 2)	28193	Sulfuric acid.....	193,941	145,168	48,773
28181	2815 Intermediate coal tar products.....	(X)	(X)	19,233	28194	Inorganic acids, except nitric and sulfuric.....	166,288	85,808	80,480
28181	2819 Inorganic chemicals, n.e.c..	(X)	(X)	4,843	28195	Aluminum oxide.....	318,534	(D)	(D)
28181	2821 Plastics materials and resins.....	(X)	(X)	11,453	28196	Other aluminum compounds.....	103,845	93,952	9,893
28181	2851 Paints and allied products.	(X)	(X)	(over 2)	28197	Potassium and sodium compounds (except bleaches, alkalies, and alums).....	513,314	308,193	205,121
28181	2911 Petroleum refining.....	(X)	(X)	(5-10)	28198	Chemicals catalytic preparations..	75,188	(D)	(D)
28182	2046 Wet corn milling.....	(X)	(X)	(over 2)	28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.....	825,836	627,068	198,768
28182	2812 Alkalies and chlorine.....	(X)	(X)	59,562	28190	Inorganic chemicals, n.e.c., n.s.k.	11,113	(D)	(D)
28182	2815 Intermediate coal tar products.....	(X)	(X)	67,882	Secondary products.....				
28182	2819 Inorganic chemicals, n.e.c..	(X)	(X)	76,188			(X)	294,931	(X)
28182	2821 Plastics materials and resins.....	(X)	(X)	45,394	28121	Chlorine, compressed and liquefied	(X)	11,339	(X)
28182	2822 Synthetic rubber.....	(X)	(X)	(30-35)	28123	Sodium hydroxide (caustic soda)...	(X)	8,133	(X)
28182	2823 Cellulosic man-made fibers.	(X)	(X)	(25-30)	28133	Carbon dioxide.....	(X)	3,045	(X)
28182	2824 Organic fibers, non-cellulosic.....	(X)	(X)	(over 2)	28151	Cyclic intermediates.....	(X)	5,335	(X)
28182	2833 Medicinals and botanicals..	(X)	(X)	23,476	28162	Other white opaque pigments.....	(X)	5,568	(X)
28182	2834 Pharmaceutical preparations	(X)	(X)	(10-15)	28181	Miscellaneous cyclic chemical products.....	(X)	4,843	(X)
28182	2841 Soap and other detergents..	(X)	(X)	(30-35)	28182	Miscellaneous acyclic chemicals and chemical products.....	(X)	76,188	(X)
28182	2843 Surface active agents.....	(X)	(X)	(10-15)	28183	Synthetic organic chemicals, n.e.c., (except bulk surface active agents).....	(X)	4,166	(X)
28182	2879 Agricultural chemicals, n.e.c.....	(X)	(X)	(over 2)	28184	Pesticide and other organic agricultural chemicals (not formulations).....	(X)	15,153	(X)
28182	2899 Chemical preparations, n.e.c.....	(X)	(X)	(over 2)	28185	Ethyl alcohol and other industrial organic chemicals, n.e.c.....	(X)	5,764	(X)
28182	2911 Petroleum refining.....	(X)	(X)	122,805	28213	Thermoplastic resins and plastics materials.....	(X)	17,796	(X)
28183	2092 Soybean oil mills.....	(X)	(X)	(over 2)	28411	Alkaline detergents and acid type cleaners.....	(X)	2,142	(X)
28183	2815 Intermediate coal tar products.....	(X)	(X)	25,207	28415	Synthetic organic detergents, packaged.....	(X)	13,324	(X)
28183	2819 Inorganic chemicals, n.e.c..	(X)	(X)	4,166	28423	Specialty cleaning and sanitation products.....	(X)	8,462	(X)
28183	2821 Plastics materials and resins.....	(X)	(X)	29,950	28430	Surface active and finishing agents.....	(X)	6,452	(X)
28183	2833 Medicinals and botanicals..	(X)	(X)	(over 2)	28711	Superphosphate and other phosphatic fertilizers.....	(X)	11,370	(X)
28183	2834 Pharmaceutical preparations	(X)	(X)	(over 15)					
28183	2861 Gum and wood chemicals.....	(X)	(X)	(over 2)					
28183	2899 Chemical preparations, n.e.c.....	(X)	(X)	13,952					
28183	3011 Tires and inner tubes.....	(X)	(X)	(5-10)					
28184	2815 Intermediate coal tar products.....	(X)	(X)	16,121					

See footnotes at end of table

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Inorganic chemicals, n.e.c. (SIC 2819)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Inorganic chemicals, n.e.c. (SIC 2819)	Other industries
	INORGANIC CHEMICALS, N.E.C., INDUSTRY—Continued					INORGANIC CHEMICALS, N.E.C., INDUSTRY—Continued			
	Secondary products--Continued					Listing of other industries with over \$2 million shipments of each primary product class--Continued			
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	12,374	(X)	28194	2812 Alkalies and chlorine.....	(X)	(X)	6,732
28993	Essential oils, fireworks and pyrotechnics, chemical and chemical preparations, n.e.c....	(X)	6,846	(X)	28194	2815 Intermediate coal tar products.....	(X)	(X)	(15-20)
33416	Other secondary nonferrous metals (pig, ingot, shot, etc.).....	(X)	2,578	(X)	28194	2818 Organic chemicals, n.e.c....	(X)	(X)	29,889
	Other secondary products.....	(X)	574,053	(X)	28194	2871 Fertilizers.....	(X)	(X)	22,588
	Miscellaneous receipts.....	(X)	982,255	(X)	28196	2818 Organic chemicals, n.e.c....	(X)	(X)	3,603
	Resales.....	(X)	85,968	(X)	28196	2899 Chemical preparations, n.e.c.....	(X)	(X)	(over 2)
	Contract work.....	(X)	885,580	(X)	28197	2812 Alkalies and chlorine.....	(X)	(X)	11,963
	Other receipts.....	(X)	10,707	(X)	28197	2815 Intermediate coal tar products.....	(X)	(X)	10,034
	Listing of other industries with over \$2 million shipments of each primary product class:				28197	2818 Organic chemicals, n.e.c....	(X)	(X)	13,842
28191	2812 Alkalies and chlorine.....	(X)	(X)	13,604	28197	2821 Plastics materials and resins.....	(X)	(X)	(5-10)
28191	2815 Intermediate coal tar products.....	(X)	(X)	(5-10)	28197	2823 Cellulosic man-made fibers..	(X)	(X)	7,200
28191	2818 Organic chemicals, n.e.c....	(X)	(X)	67,048	28197	2841 Soap and other detergents...	(X)	(X)	(over 2)
28191	2871 Fertilizers.....	(X)	(X)	32,376	28197	2871 Fertilizers.....	(X)	(X)	3,484
28191	2892 Explosives.....	(X)	(X)	(5-10)	28198	2818 Organic chemicals, n.e.c....	(X)	(X)	9,055
28191	2911 Petroleum refining.....	(X)	(X)	23,403	28199	2812 Alkalies and chlorine.....	(X)	(X)	31,615
28191	3312 Blast furnaces and steel mills.....	(X)	(X)	(5-10)	28199	2815 Intermediate coal tar products.....	(X)	(X)	(5-10)
28192	2812 Alkalies and chlorine.....	(X)	(X)	4,910	28199	2816 Inorganic pigments.....	(X)	(X)	15,707
28192	2818 Organic chemicals, n.e.c....	(X)	(X)	(over 2)	28199	2818 Organic chemicals, n.e.c....	(X)	(X)	34,808
28192	2841 Soap and other detergents..	(X)	(X)	43,985	28199	2821 Plastics materials and resins.....	(X)	(X)	3,199
28193	2815 Intermediate coal tar products.....	(X)	(X)	(over 2)	28199	2833 Medicinals and botanicals...	(X)	(X)	(over 2)
28193	2816 Inorganic pigments.....	(X)	(X)	3,458	28199	2871 Fertilizers.....	(X)	(X)	9,220
28193	2818 Organic chemicals, n.e.c....	(X)	(X)	13,990	28199	2879 Agricultural chemicals, n.e.c.....	(X)	(X)	(over 2)
28193	2871 Fertilizers.....	(X)	(X)	9,048	28199	2911 Petroleum refining.....	(X)	(X)	19,792
28193	3312 Blast furnaces and steel mills.....	(X)	(X)	(over 2)	28199	3313 Electrometallurgical products.....	(X)	(X)	(15-20)
28193	3331 Primary copper.....	(X)	(X)	(over 2)	28199	3331 Primary copper.....	(X)	(X)	(5-10)
28193	3333 Primary zinc.....	(X)	(X)	5,655	28199	3339 Primary nonferrous metals...	(X)	(X)	6,042
					28199	3341 Secondary nonferrous metals.	(X)	(X)	8,827
					28199	3356 Rolling and drawing, n.e.c..	(X)	(X)	3,640

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 28151, Cyclic intermediates; 28181, Miscellaneous cyclic chemical products; 28213, Thermoplastic resins and plastics materials; 28216, Synthetic resins for protective coatings; 28331, Synthetic organic medicinal chemicals, in bulk (human and veterinary); 28411, Alkaline detergents and acid type cleaners; 28416, Synthetic organic detergents, bulk; 28430, Surface active and finishing agents; 32410, Cement, hydraulic; 32740, Lime.

²Includes the following product classes, which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28121, Chlorine, compressed or liquefied; 28140, Cyclic (coal tar) crudes; 28191, Synthetic ammonia, nitric acid and ammonium compounds; 28193, Sulfuric acid; 28194, Inorganic acids, except nitric and sulfuric; 28199, Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.; 28213, Thermoplastic resins and plastics materials; 28220, Synthetic rubber (vulcanizable elastomers); 28331, Synthetic organic medicinal chemicals, in bulk (human and veterinary); 28342, Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use; 28930, Printing ink; and 29111, Gasoline and jet fuel.

³Includes product class 28216, Synthetic resins for protective coatings, which totaled \$2 million or more but is withheld to avoid disclosing individual company figures.

⁴Includes the following product classes, which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20422, Livestock feeds (complete feeds and supplements); 20851, Distilled liquors, except brandy; 28132, Acetylene; 28152, Synthetic organic dyes; 28153, Synthetic organic pigments, lakes and toners; 28163, Chrome colors and other inorganic pigments; 28192, Inorganic industrial household bleaching compounds; 28215, Synthetic resin adhesives, from resins produced in this establishment; 28242, Other noncellulosic synthetic organic fibers; 28519, Miscellaneous paint products; 28611, Softwood distillation products; 28911, Glues and adhesives and sizes; 28921, Industrial explosives; 28922, Explosives produced in government-owned contractor-operated plants; 29926, Lubricating oils (made from purchased materials); 30310, Reclaimed rubber; and 30698, Other rubber goods, n.e.c.

⁵Includes the following product classes, which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28132, Acetylene; 28133, Carbon dioxide; 28163, Chrome colors and other inorganic pigments; 28331, Synthetic organic medicinal chemicals, in bulk (human and veterinary); 28332, Other medicinal chemicals and botanical products, n.e.c., in bulk; 28412, Soaps, except specialty cleaners, bulk; 28712, Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin; 28722, Mixed fertilizers made by plants which do not manufacture any ingredients; and 33134, Other ferroalloys produced in electric furnaces.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
2812- --	ALKALIES AND CHLORINE, TOTAL:										
	As reported in the census of manufactures.....	(X)	(X)	526,501	(X)	(X)	(X)	(X)	425,431	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	529,848	(X)	(X)	(X)	(X)	(NA)	(X)	(X)
28121 --	Chlorine:										
	As reported in the census of manufactures.....	(X)	(X)	164,039	(X)	(X)	(X)	(X)	117,397	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	164,905	(X)	(X)	(X)	(X)	(NA)	(X)	(X)
28121 11	Gas.....	¹ 5,464,080	426,620	23,088	316,918	16,682	¹ 3,604,538	317,189	17,784	223,117	12,496
28121 15	Liquid.....	2,920,127	2,447,793	141,817	2,193,022	126,823	2,000,318	1,701,204	99,613	1,557,945	92,493
28122 --	Sodium carbonate (soda ash), total: ²										
	As reported in the census of manufactures.....	(X)	(X)	123,625	(X)	(X)	(X)	(X)	113,263	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	123,604	(X)	(X)	(X)	(X)	(NA)	(X)	(X)
28122 51	Synthetic ³ (58% Na ₂ O):										
	Total crude bicarbonate equivalent.....	⁴ 4,681,765	(X)	(X)	(X)	(X)	⁴ 4,324,160	(X)	(X)	(X)	(X)
28122 31	Finished sodium bicarbonate ⁵	107,603	91,132	5,849	(D)	(D)	98,778	95,097	6,386	94,399	6,350
28122 41	Finished dense ash.....	2,183,456	2,155,748	64,437	(D)	(D)	1,702,767	1,695,130	51,221	(D)	(D)
28122 45	Finished light ash.....	⁶ 2,277,661	1,788,139	53,318	1,555,821	46,233	⁶ 2,268,466	1,808,245	55,656	(D)	(D)
28123 --	Sodium hydroxide (caustic soda), total:										
	As reported in the census of manufactures.....	(X)	(X)	209,725	(X)	(X)	(X)	(X)	177,312	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	212,613	(X)	(X)	(X)	(X)	(NA)	(X)	(X)
28123 51	Total (all processes) (100% NaOH).....	⁷ 5,814,403	(X)	(X)	(X)	(X)	⁷ 5,993,356	(X)	(X)	(X)	(X)
28123 61	68-74% liquid ⁸	978,704	898,331	42,297	826,045	38,974	797,872	740,478	39,750	(D)	(D)
28123 71	All other liquid ⁸	4,232,735	2,853,662	128,655	2,464,025	110,248	2,736,851	1,890,675	100,915	(D)	(D)
28122 67	Dry (all forms) ⁹	592,284	585,026	41,661	559,567	39,398	458,633	432,199	36,647	(D)	(D)
28124 --	Other alkalis:										
	As reported in the census of manufactures.....	(X)	(X)	27,574	(X)	(X)	(X)	(X)	17,459	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	28,726	(X)	(X)	(X)	(X)	(NA)	(X)	(X)
28124 21	Potassium hydroxide (caustic potash) (88-92% KOH):										
	Total liquid.....	⁸ 113,979	(X)	(X)	(X)	(X)	⁸ 87,243	(X)	(X)	(X)	(X)
28124 22	Liquid.....	93,790	83,453	12,179	76,177	11,388	70,857	66,805	10,547	(D)	(D)
28114 23	Solid.....	20,189	20,398	3,934	20,202	3,912	16,386				
28124 59	Other alkalis ¹⁰	(X)	(X)	12,613	(X)	(X)	(X)	(X)	6,912	(X)	(X)
28124 81											
28120 00	Alkalies and chlorine, n.s.k., reported in the census of manufactures.....	(X)	(X)	1,538	(X)	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2813- --	INDUSTRIAL GASES, TOTAL: As reported in the census of manufactures..... As reported in Current Industrial Reports M28A.....	..... .....	(X) (X)	(X) (X)	¹¹ 389,626 388,235	(X) (X)	(X) (X)	¹¹ 262,581 (NA)
28132 --	Acetylene: As reported in the census of manufactures..... As reported in Current Industrial Reports M28A....	Mil. cu. ft. ...do.....	(X) ¹² 14,730	(X) 8,878	93,463 94,553	10,256 (X)	7,157 (X)	¹² 89,407 (NA)
28133 --	Carbon dioxide, total: As reported in the census of manufactures..... As reported in Current Industrial Reports M28A....	Short tons.. ...do.....	(X) 1,082,909	(X) 984,130	49,878 49,356	805,712 (X)	740,690 (X)	43,004 (NA)
28133 11	Liquid and gas.....	...do.....	¹³ 648,725	569,626	28,258	¹³ 338,361	280,866	16,661
28133 31	Solid (dry ice).....	...do.....	434,184	414,504	21,098	467,351	459,824	26,343
28134 --	Elemental gases and other industrial gases, n.e.c., total: As reported in the census of manufactures..... As reported in Current Industrial Reports M28A....	..... .....	(X) (X)	(X) (X)	¹¹ 244,627 244,326	(X) (X)	(X) (X)	¹¹ 130,170 (NA)
28134 15	Argon, high purity (99.97-100%)..... Shipped as gas..... Shipped as liquid.....	Mil. cu. ft. ...do..... ...do.....	970 (X) (X)	968 251 717	18,112 9,676 8,436	377 (X) (X)	379 (D) (D)	13,420 (D) (D)
	Helium ¹⁴.....	...do.....	2,232	627	(NA)	334	352	(NA)
	Hydrogen, total..... Shipped as gas..... Shipped as liquid.....	...do..... ...do..... ...do.....	¹⁵ 95,008 (X) (X)	19,948 (D) (D)	25,705 (D) (D)	¹⁵ 42,415 (X) (X)	11,939 ¹⁶ 11,939 (16)	8,576 ¹⁶ 8,576 (16)
28134 23	High purity, total.....	Mil. cu. ft.	22,667	15,656	24,637	(NA)	(NA)	(NA)
28134 25	Electrolytic process.....	...do.....	12,553	(D)	(D)	(NA)	(NA)	(NA)
	From other sources.....	...do.....	10,114	(D)	(D)	(NA)	(NA)	(NA)
28134 27	Lower purity (less than 99.5%) (100% basis)... Shipped as gas.....	...do..... ...do.....	72,941 (X)	4,292 4,292	1,068 1,068	(NA) (X)	(NA) (NA)	(NA) (NA)
28134 43	Nitrogen, high purity (99.5-100%)..... Shipped as gas..... Shipped as liquid.....	...do..... ...do..... ...do.....	49,674 (X) (X)	44,035 27,494 16,541	39,993 13,680 25,313	¹⁷ 6,549 (X) (X)	5,478 1,614 3,864	17,157 8,094 9,063
	Oxygen, high purity (99.5-100%), total..... Shipped as gas..... Shipped as liquid.....	...do..... ...do..... ...do.....	128,544 (X) (X)	118,213 89,180 29,033	130,619 83,370 47,249	36,485 (X) (X)	33,495 ¹⁶ 17,234 ¹⁶ 16,261	79,955 ¹⁶ 55,140 ¹⁶ 24,815
28134 51	Electrolytic..... Shipped as gas..... Shipped as liquid.....	...do..... ...do..... ...do.....	757 (X) (X)	609 (D) (D)	2,495 (D) (D)	612 (X) (X)	457 ¹⁶ 457 (16)	2,755 ¹⁶ 2,755 (16)
28134 54	Liquefaction..... Shipped as gas..... Shipped as liquid.....	Mil. cu. ft. ...do..... ...do.....	127,787 (X) (X)	117,604 (D) (D)	128,124 (D) (D)	35,873 (X) (X)	33,038 16,777 16,261	77,200 52,385 24,815
28134 57	Oxygen, lower purity.....	Short tons..	¹⁸ 756,517	(D)	(¹⁹)	¹⁹ 1,211,887	(D)	(¹⁹)
28134 71	Nitrous oxide.....	1,000 gals. (STP).....	729,046	727,736	4,791	459,368	453,127	4,737
28134 98	Other industrial gases, n.e.c., including lower purity nitrogen, crude argon, and crude and high purity helium produced in privately owned plants ²⁰.....	.....	(X)	(X)	¹⁹ 25,106	(X)	(X)	¹⁹ 6,325
28130 --	Industrial gases, n.s.k. (reported in the census of manufactures).....	.....	(X)	(X)	1,658	(X)	(X)	(X)
			1963			1958		
			Total shipments including interplant transfers (\$1,000)	Commercial shipments only (\$1,000)	Interplant transfers only (\$1,000)	Total shipments including interplant transfers (\$1,000)	Commercial shipments only (\$1,000)	Interplant transfers only (\$1,000)
28140 11	TAR, TAR CRUDES AND TAR PITCHES ^{21 22}		79,317	(D)	(D)	105,316	(D)	(D)
2815- --	DYES, DYE (CYCLIC) INTERMEDIATES, AND ORGANIC PIGMENTS (LAKES AND TONERS), TOTAL....		²² 1,115,897	(X)	(X)	788,495	(X)	(X)
28151 11	Cyclic (coal tar) intermediates.....		²² 758,579	548,239	210,340	531,549	398,759	132,790
28152 11	Cyclic dyes.....		²² 243,147	227,119	16,028	175,518	171,678	3,840
28153 11	Synthetic organic pigments, lakes and toners.....		²² 111,653	84,272	27,381	80,244	63,735	16,509
28150 00	Intermediate coal tar products, n.s.k.....		2,518	(X)	(X)	1,185	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963						1958					
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments			
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value		
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)		
2816- --	INORGANIC PIGMENTS, TOTAL.....	(X)	(X)	480,352	(X)	(X)	(X)	(X)	412,011	(X)	(X)		
28161 11	Titanium pigments, composite and pure (100% TiO ₂): ²³ As reported in the census of manufacture.....	(X)	(X)	277,281	(X)	(X)	403,867	425,765	231,888	396,570	216,330		
	As reported in Current Industrial Reports M28A.....	519,458	528,416	278,477	486,533	257,471	(X)	(X)	(NA)	(X)	(X)		
28162 --	Other white opaque pigments, total.	(X)	(X)	50,378	(X)	(X)	(X)	(X)	54,435	(X)	(X)		
28162 13	White lead, excluding white lead in oil (basic carbonate and sulfate).....	15,010	12,100	3,997	(X)	(X)	14,527	13,315	4,494	(D)	(D)		
28162 21	Zinc oxide pigments: Lead-free zinc oxide.....	150,911	147,802	33,834	(X)	(X)	130,075	132,048	35,308	(D)	(D)		
28162 25	Leaded zinc oxide.....	15,916	15,486	3,562	(X)	(X)	23,127	24,187	6,302	(D)	(D)		
28162 98	All other white opaque pigments, including antimony oxide, lithopane, and pure zinc sulfide	(X)	(X)	8,985	(X)	(X)	(X)	(X)	8,146	(X)	5,349		
28162 00	Other white opaque pigments, n.s.k.....	-	-	-	(X)	(X)	(X)	(X)	185	(X)	(X)		
28163 --	Chrome colors and other inorganic pigments, total.....	(X)	(X)	151,811	(X)	(X)	(X)	(X)	125,074	(X)	(X)		
28163 11	Chrome colors: Chrome green (chrome yellow and iron blue) (C.P.): ²³	2,867	2,879	2,229	(D)	(D)	3,907	3,997	3,048	(D)	(D)		
28163 13	Chrome oxide green (C.P.): ²³	5,217	5,263	4,626	(D)	(D)	4,820	5,050	4,431	(D)	(D)		
28163 15	Chrome yellow and orange (C.P.): ²³	24,748	24,542	15,084	21,986	13,426	22,365	21,429	13,859	18,475	11,846		
28163 17	Molybdate chrome orange (C.P.): ²³	8,436	8,024	8,186	(D)	(D)	5,675	5,566	5,014	(D)	(D)		
28163 18	Zinc yellow (zinc chromate) (C.P.): ²³	6,863	6,681	3,226	(D)	(D)	6,005	5,801	3,143	4,468	2,389		
28163 27	Other inorganic pigments, including white extender pigments: White extender pigments, including barytes, blanc fixe, and whiting.....	(S)	(S)	6,052	(X)	(X)	(S)	(S)	5,305	(X)	(X)		
28163 31	Color pigments other than chrome colors and lakes and taners:												
28163 31	Iron oxide pigments.....	109,191	111,317	20,773	(X)	(X)	62,923	64,622	12,426	(D)	(D)		
28163 41	Colored lead pigments: Red lead.....	23,812	23,479	6,224	(X)	(X)	23,311	22,493	6,417	(D)	(D)		
28163 45	Litharge.....	111,633	104,216	26,551	(X)	(X)	121,698	113,822	30,210	(D)	(D)		
28163 51	Iron blues (Prussian blues, milori blue, etc.): ²³	5,030	4,545	4,873	(D)	(D)	4,265	4,147	4,042	(D)	(D)		
28163 61	Pearl essence.....	(S)	(S)	3,047	(X)	(X)	(S)	(S)	3,930	(X)	(X)		
28163 88	Carbon blacks (bone and lamp) excluding furnace and channel carbon black and charcoal.....	(S)	(S)	4,360	(X)	(X)	(S)	(S)	3,689	(X)	(X)		
28163 91	Ceramic colors.....	(X)	(X)	25,653	(X)	(X)	(X)	(X)	17,448	(X)	(X)		
28163 98	All other color pigments, including ultramarine blue, excluding organic pigments, lakes, and toners.....	(X)	(X)	18,695	(X)	(X)	(X)	(X)	11,209	(X)	(X)		
28163 00	Chrome colors and other inorganic pigments, n.s.k....	(X)	(X)	2,232	(X)	(X)	(X)	(X)	903	(X)	(X)		
28160 00	Inorganic color pigments, n.s.k.....	(X)	(X)	882	(X)	(X)	(X)	(X)	614	(X)	(X)		

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product		1963			1958					
			Total shipments including interplant transfers	Commercial shipments only	Interplant transfers only	Total shipments including interplant transfers	Commercial shipments only	Interplant transfers only			
			(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)			
2818- --	INDUSTRIAL ORGANIC CHEMICALS, N.E.C., TOTAL.....		4,183,750	(X)	(X)	2,787,327	(X)	(X)			
28181 11	Miscellaneous cyclic (coal tar) chemical products ²² .		²⁴ 200,536	²⁴ 188,229	²⁴ 12,307	143,322	129,346	13,976			
28182 11	Miscellaneous acyclic chemicals and chemical products ²²		3,129,136	2,165,519	963,617	2,126,598	1,540,376	586,222			
28183 --	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....		426,816	(X)	(X)	291,440	263,932	27,508			
28183 11	Flavor and perfume materials ²²		86,657	(D)	(D)	55,328	(D)	(D)			
28183 31	Rubber-processing chemicals ²²		138,005	(D)	(D)	97,844	(D)	(D)			
28183 51	Plasticizers ²²		199,929	177,587	22,342	138,268	121,334	16,934			
28183 00	Synthetic organic chemicals, n.e.c., n.s.k.....		2,225	(X)	(X)	-	-	-			
28184 11	Pesticides and other synthetic organic agricultural chemicals (except preparations) ²²		223,381	207,325	16,056	96,186	89,989	6,197			
28185 --	Ethyl alcohol and other industrial organic chemicals, n.e.c., total.....		192,275	(X)	(X)	121,355	(X)	(X)			
28185 11	Ethly alcohol: ²⁵										
28185 21	Pure (natural).....		32,639	(D)	(D)	59,219	(D)	(D)			
	Denatured (special or complete) including natural and synthetic, for uses other than rubbing.....		41,259	-	-						
28185 31	Other industrial organic chemicals:										
28185 35	Flavor oil mixtures and blends.....		24,144	-	-	12,004	(NA)	(NA)			
28185 37	Enzymes, natural and synthetic.....		(²⁴)	(X)	(X)	13,072	(NA)	(NA)			
	Reagent and high purity grades of organic chemicals refined from purchased technical grades.....		20,974	-	-	5,030	(NA)	(NA)			
28185 51	Natural organic chemicals, n.e.c.....		22,080	-	-	12,889	(D)	(D)			
28185 98	Other industrial organic chemicals.....		49,743	49,062	681	29,065	(X)	(D)			
28185 00	Other industrial organic chemicals, n.s.k.....		1,436	(X)	(X)	3,148	(X)	(X)			
28180 00	Industrial organic chemicals, n.e.c., n.s.k.....		11,606	(X)	(X)	8,426	(X)	(X)			
	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value		
										(short tons)	(short tons)
2819- --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.:										
	As reported in the census of manufactures.....	(X)	(X)	²⁶ 2,995,866	(X)	(X)	(X)	(X)	(X)	(X)	
	As reported in Current Industrial Reports M28A.....	(X)	(X)	²⁶ 3,004,180	(X)	(X)	(X)	²⁶ 2,146,345	(X)	(X)	
28191 --	Synthetic ammonia, nitric acid, and ammonium compounds:										
	As reported in the census of manufactures.....	(X)	(X)	587,807	(X)	(X)	(X)	(X)	(X)	(X)	
	As reported in Current Industrial Reports M28A.....	(X)	(X)	593,679	(X)	(X)	(X)	365,032	(X)	(X)	
28191 11	Nitric acid (100% HNO ₃).....	4,242,415	392,807	26,223	252,339	16,001	2,704,062	188,861	14,213	(D)	
	Ammonia (100% NH ₃): ²⁷										
28191 31	Anhydrous.....	6,692,988	3,464,766	238,655	3,039,728	207,498	3,878,778	131,278	1,423,526	104,651	
28191 33	Aqua.....	59,949	52,707	4,346	49,909	4,141	50,933	39,766	38,422	2,600	

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
2819 --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
28191 --	Synthetic ammonia, nitric acid, and ammonium compounds—Con.										
	As reported in Current Industrial Reports M28A—Con.										
	Ammonium compounds:										
	Chloride (100% NH ₄ Cl):										
28191 41	Gray.....	22,537	22,198	2,713	(D)	(D)	22,257	22,340	2,782	22,340	2,782
28191 43	White.....										
	Nitrate (100% HN ₃ NO ₃):										
28191 50	Original solution.....	283,989,935	(X)	(X)	(X)	(X)	282,581,327	(X)	(X)	(X)	(X)
	Fertilizer use:										
28191 51	Solution.....	291,647,475	160,147	7,813	(D)	(D)	29847,829	64,589	3,591	(D)	(D)
28191 52	Solid.....	1,926,843	1,841,214	112,153	(D)	(D)	1,521,132	1,470,392	90,338	(D)	(D)
28191 53	Explosive and other uses....	419,107	284,148	15,610	258,798	14,180	212,366	107,051	7,095	83,317	5,933
	Nitrogen solutions, including mixtures containing urea (100% N).....	1,107,265	1,050,498	125,171	(D)	(D)	623,221	613,827	68,470	(D)	(D)
28191 57	Sulfate (other than byproduct coke oven) (100% (NH ₄) ₂ SO ₄).....	1,202,316	1,208,093	33,384	(D)	(D)	1,090,956	1,000,037	33,120	999,260	33,089
28191 59	Other ammonium compounds.....	(X)	(X)	27,611	(X)	(X)	(X)	(X)	11,439	(X)	(X)
28192 --	Inorganic industrial and household bleaching compounds: As reported in the census of manufactures.....	(X)	(X)	200,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	200,137	(X)	(X)	(X)	(X)	113,963	(X)	(X)
28192 11	Calcium hypochlorite (high test) (70% avail. Cl)....	23,716	21,499	9,485	(D)	(D)	13,467	11,966	5,574	(D)	(D)
28192 21	Bleaching powder (chloride of lime) (35-37% avail. Cl)	(X)	(X)	190,652	(X)	(X)	(X)	(X)	107,844	(X)	(X)
28192 31	Liquid lime bleaches (35-37% avail. Cl).....										
28192 43	Household liquid bleaches (sodium hypochlorite, etc.).....										
28192 53	Household dry bleaches (inorganic base).....										
28193 --	Sulfuric acid: As reported in the census of manufactures.....	(X)	(X)	193,941	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	As reported in Current Industrial Reports M28A.....	20,935,837	11,464,199	195,878	10,205,535	173,556	15,950,199	9,316,931	169,896	8,504,626	154,600
28193 11	Contact acid—oleum under 40%.....	1,801,323	1,445,751	25,944	(D)	(D)	1,458,045	1,052,619	20,977	(D)	(D)
28193 15	Contact acid—oleum 40%.....	51,169	(D)	(D)	(D)	(D)	42,907	(D)	(D)	(D)	(D)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
2819- --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
28193 --	Sulfuric acid—Con. As reported in Current Industrial Reports M28A—Continued										
28193 17	Contact acid—oleum over 40%.....	537,436	(D)	(D)	(D)	(D)	65,787	(D)	(D)	(D)	(D)
28193 31	Contact acid—(other than oleum grades).	17,028,371	9,260,232	157,404	8,377,101	142,119	12,641,704	7,507,857	134,974	6,896,935	123,523
28193 51	Chamber acid.....	1,517,538	625,791	9,841	486,335	7,043	1,741,756	695,361	12,202	(D)	(D)
28193 71	Spent acid used in fortification in contact units and included in production reported above, including acid from own production or received from outside sources.....	898,300	(X)	(X)	(X)	(X)	669,776	(X)	(X)	(X)	(X)
28194 --	Inorganic acids, except nitric and sulfuric: As reported in the census of manufactures.....	(X)	(X)	166,288	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	170,111	(X)	(X)	(X)	(X)	122,003	(X)	(X)
28194 11	Boric (boracic) (100% H ₃ BO ₃).....	104,120	91,461	10,309	(D)	(D)	86,097	78,080	9,030	(D)	(D)
28194 21	Chlorosulfonic (100% SO ₂ ClOH).....	(D)	(D)	(³⁰)	(D)	(D)	42,268	41,846	3,165	(D)	(D)
28194 31	Chromic acid (100% CrO ₃) ³¹	19,681	19,407	9,729	(D)	(D)	13,379	13,554	7,619	(D)	(D)
28194 --	Hydrochloric, including anhydrous (100% HCl).....	1,079,443	540,614	28,527	(D)	(D)	826,022	408,720	25,170	(D)	(D)
28194 41	From salt.....	154,593	121,718	8,372	(D)	(D)	107,036	61,622	4,516	(D)	(D)
28194 45	From chlorine.....	134,254	83,655	4,844	68,321	4,233	162,282	65,410	4,988	(D)	(D)
28194 47	Byproduct and other.....	790,596	335,241	15,311	295,786	13,764	556,704	281,688	15,666	243,662	14,011
28194 51	Hydrocyanic, including anhydrous (100% HCN).....	146,475	(D)	(³⁰)	(D)	(D)	78,085	(D)	(³¹)	(D)	(D)
	Hydrofluoric (100% HF):										
28194 61	Anhydrous.....	116,875	74,239	20,671	(D)	(D)	84,377	48,973	17,964	(D)	(D)
28194 65	Technical.....	11,628	12,173	3,369	(D)	(D)					
28194 67	Mixed (sulfuric and nitric).....	187,564	(D)	(³⁰)	(D)	(D)	276,482	108,800	8,614	(D)	(D)
	Phosphoric (100% P ₂ O ₅).....	2,904,769	613,660	76,547	(D)	(D)	1,708,577	297,936	41,056	(D)	(D)
28194 81	From phosphorus.....	947,293	285,012	41,566	(D)	(D)	675,372	199,817	29,639	(D)	(D)
28194 82	Fertilizer use...	184,463	111,710	14,749	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
28194 83	Other uses.....	762,830	173,302	26,817	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
28194 85	From other sources (phosphate rock, etc.).....	1,957,476	328,648	34,981	243,089	25,430	1,033,205	98,119	11,417	(D)	(D)
28194 86	Fertilizer use.....	1,770,441	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
28194 87	Other uses.....	187,035	(D)	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
28194 98	Other inorganic acid acids, n.e.c.....	(X)	(X)	³¹ 20,959	(X)	(X)	(X)	(X)	³¹ 9,385	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product	Product code	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
2819- --	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
28195 11	Aluminum oxide, except natural alumina (100% Al_2O_3): As reported in the census of manufactures..... As reported in Current Industrial Reports M28A.....	(X) 4,817,080	(X) 4,787,989	318,534 319,285	(X) 502,465	(X) 38,010	(X) 3,090,810	(X) 3,063,001	(X) 214,632	(X) 237,518	(X) 24,244
28196 --	Other aluminum compounds: As reported in the census of manufactures As reported in Current Industrial Reports M28A.....	(X) (X)	(X) (X)	103,845 100,521	(X) (X)	(X) (X)	(X) (X)	(X) (X)	(X) 69,960	(X) (X)	(X) (X)
28196 11	Chloride: Liquid ($32^\circ \text{Be}'$)..	26,637	13,076	1,052	(D)	(D)	20,225	12,287	894	(D)	(D)
28196 15	Crystal ($32^\circ \text{Be}'$)..										
28196 17	Anhydrous (100% AlCl_3).....										
	Hydroxide: Trihydrate (100% $\text{Al}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$).....	229,610	214,987	15,219	(D)	(D)	134,971	120,830	8,300	(D)	(D)
28196 27	Flouride (technical).....	81,446	81,132	22,182	(D)	(D)	36,214	36,090	10,269	(D)	(D)
28196 51	Sulfate: Commercial (17% Al_2O_3).....	32 947,546	945,569	34,818	925,189	34,067	32 824,498	812,503	30,476	(D)	(D)
28196 55	Iron free (17% Al_2O_3).....	59,088	35,805	2,264	(D)	(D)	43,516	23,744	1,617	(D)	(D)
28196 71	Other inorganic aluminum compounds, (including sodium aluminate, light aluminum hydroxide, cryolite, and alums	(X)	(X)	18,948	(X)	(X)	(X)	(X)	11,247	(X)	(X)
28197 --	Potassium and sodium compounds (except bleaches, alkalies, and alums): As reported in the census of manufactures..... As reported in Current Industrial Reports M28A.....	(X) (X)	(X) (X)	513,314 517,521	(X) (X)	(X) (X)	(X) (X)	(X) (X)	(X) 426,734	(X) (X)	(X) (X)
28197 13	Potassium compounds, n.e.c.: Iodide (100% KI)...	561	483	1,398	(D)	(D)	406	435	1,296	(D)	(D)
28197 16	Sulfate (100% K_2SO_4).....	243,576	209,694	8,583	(D)	(D)	183,343	190,513	7,166	(D)	(D)
28197 18	Tetrapotassium pyrophosphate (100% $\text{K}_2\text{P}_2\text{O}_7$)....	37,353	32,841	7,240	(D)	(D)	(NA)	(NA)	(³³)	(NA)	(NA)
28197 17	Other potassium salts and compounds, n.e.c.	(X)	(X)	108,066	(X)	(X)	(X)	(X)	33 89,441	(X)	(X)
28197 21	Sodium (metal) (100% Na).....	125,566	72,158	23,786	(D)	(D)	110,297	52,304	17,347	(D)	(D)
28197 27	Sodium compounds, n.e.c.: Chlorate (100% NaClO_3).....	124,298	105,446	16,700	(D)	(D)	67,249	53,303	8,735	(D)	(D)
28197 28	Flouride.....	5,826	5,709	1,447	(D)	(D)	5,365	5,145	1,372	(D)	(D)
28197 29	Hydrosulfide (sodium sulfhydrate) (100% NaSh).....	25,152	22,373	2,730	20,246	2,484	20,456	19,260	2,385	(D)	(D)
28197 30	Hydrosulfite (100% $\text{Na}_2\text{S}_2\text{O}_4$).....	29,620	29,355	13,148	(D)	(D)	22,988	22,935	10,484	(D)	(D)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
2819- --	INORGANIC CHEMICALS, CHEMICALS, N.E.C.—Continued										
28197 --	Potassium and sodium compounds (except bleaches, alkalis, and alums)—Continued										
	As reported in Current Industrial Reports M28A—Continued										
	Sodium compounds, n.e.c.—Continued										
	Phosphate:										
28197 32	Monobasic (100% NaH_2PO_4).....	³⁴ 14,607	14,581	2,502	(D)	(D)	³⁴ 9,646	10,345	1,787	(D)	(D)
28197 33	Dibasic (100% Na_2HPO_4).....	³⁴ 23,704	22,460	3,559	(D)	(D)	³⁴ 22,181	22,141	3,504	21,689	3,441
28197 34	Tribasic (100% Na_3PO_4).....	56,674	56,074	10,070	(D)	(D)	45,533	45,668	8,352	(D)	(D)
28197 35	Tetrabasic (100% $\text{Na}_4\text{P}_2\text{O}_7$).....	109,289	108,064	13,837	106,635	13,657	101,307	87,135	12,395	(D)	(D)
28197 36	Meta (100% NaPO_3).....	64,539	62,437	11,181	60,278	10,832	53,500	54,114	10,019	(D)	(D)
28197 37	Acid pyro (100% $\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$).....	20,364	19,090	4,045	(D)	(D)	16,707	15,302	3,235	(D)	(D)
28197 38	Tripoly (100% $\text{Na}_5\text{P}_3\text{O}_{10}$).....	817,735	787,154	108,179	(D)	(D)	632,577	607,058	92,166	602,615	91,513
	Silicates:										
28197 41	Soluble silicate glass (water glass) solid and liquid (anhydrous)....	³⁵ 551,225	438,197	28,483	(D)	(D)	³⁵ 477,493	376,556	24,168	(D)	(D)
28197 43	Metasilicate* (100% $\text{Na}_2\text{SiO}_3 \cdot 5\text{H}_2\text{O}$)..	237,454	157,431	11,625	(D)	(D)	196,622	135,462	10,193	(D)	(D)
28197 45	Orthosilicate (100% Na_4SiO_4)..	36,692	36,360	4,463	(D)	(D)	37,792	36,406	4,537	(D)	(D)
28197 51	Silicoflouride (100% Na_2SiF_6)...	40,067	35,187	4,008	(D)	(D)	27,044	24,321	2,493	(D)	(D)
	Sulfate:										
28197 61	Anhydrous (refined) (100% Na_2SO_4).....	395,881	400,588	10,536	(D)	(D)	266,254	267,829	7,449	(D)	(D)
28197 65	Salt cake (99% or less Na_2SO_4) (100% Na_2SO_4)..	³⁶ 836,753	³⁶ 825,616	³⁶ 18,423	³⁶ 808,586	³⁶ 18,196	639,751	655,529	14,617	(D)	(D)
28197 67	Glauber's salt (100% $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$)..	(³⁶)	(³⁶)	(³⁶)	(³⁶)	(³⁶)	72,485	64,003	535	(D)	(D)
	Sulfide:										
28197 82	Concentrated (60-62% Na_2S).....	26,920	21,741	2,324	(D)	(D)	22,025	22,506	2,450	22,506	2,450
28197 83	Other, including liquid and crystal (60-62% Na_2S).....	³⁷ 25,261	24,006	822	24,006	822	³⁸ 10,690	6,757	197	6,757	197
28197 84	Sulfite (100% Na_2SO_3).....	207,374	204,274	8,374	(D)	(D)	118,704	125,903	5,418	(D)	(D)
28197 85	Thiosulfate (hypo) (100% $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$)....	(D)	(D)	(³⁸)	(D)	(D)	36,278	36,631	3,057	(D)	(D)
28197 87	Other sodium compounds, n.e.c.	(X)	(X)	³⁸ 91,992	(X)	(X)	(X)	(X)	81,936	(X)	(X)
28198 11	Chemical catalytic preparations:										
	As reported in the census of manufactures.....	(X)	(X)	75,188	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	74,391	(X)	(X)	(X)	(X)	56,179	(X)	(X)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
28199 --	Other inorganic chemicals, n.e.c.: As reported in the census of manufactures.....	(X)	(X)	825,836	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	As reported in Current Industrial Reports M28A.....	(X)	(X)	832,657	(X)	(X)	(X)	(X)	607,946	(X)	(X)
28199 11	Reagent and high purity grades of inorganic chemicals refined from purchased technical grades.....	(X)	(X)	36,946	(X)	(X)	(X)	(X)	14,736	(X)	(X)
28199 91	Antimony compounds, excluding pigment grades.....	(X)	(X)	5,095	(X)	(X)	(X)	(X)	3,063	(X)	(X)
28199 92	Arsenic compounds, including white arsenic.....	(X)	(X)	1,180	(X)	(X)	(X)	(X)	852	(X)	(X)
28199 01	Barium compounds: Carbonate (precipitated) (100% BaCO ₃).....	78,893	54,580	5,947	(D)	(D)	61,561	37,362	4,055	(D)	(D)
28199 06	Other barium compounds ³⁹	(X)	(X)	10,093	(X)	(X)	(X)	(X)	7,238	(X)	(X)
28199 07	Bismuth compounds: Subcarbonate (100% (Bi ₂ O ₂ CO ₃ ·H ₂ O).....	60	43	277	43	277	52	47	309	47	309
28199 09	Other bismuth compounds.....	(X)	(X)	665	(X)	(X)	(X)	(X)	543	(X)	(X)
28199 10	Bromine (100% Br)...	(NA)	16,446	5,864	(D)	(D)	(NA)	4,955	2,306	(D)	(D)
28199 93	Cadmium compounds...	(X)	(X)	3,289	(X)	(X)	(X)	(X)	2,112	(X)	(X)
28199 12	Calcium compounds: Carbide (commercial).....	1,109,109	641,391	60,697	284,554	25,103	902,408	580,955	58,090	(D)	(D)
28199 13	Carbonate (precipitated) (100% CaCO ₃).....	158,773	139,713	7,749	(D)	(D)	157,576	131,146	7,311	(D)	(D)
28199 14	Chloride: Solid, excluding flake (73-75% CaCl ₂).....										
28199 15	Flake (77-80% CaCl ₂).....	679,277	679,548	21,057	(D)	(D)	528,882	531,565	15,340	(D)	(D)
28199 16	Liquid (40-45% CaCl ₂).....	⁴⁰ 237,026	237,211	2,658	(D)	(D)	⁴⁰ 200,866	204,359	2,031	(D)	(D)
28199 19	Phosphate: Dibasic: Animal feed grades.....										
28199 20	Other grades (except fertilizer grades).....	239,891	235,445	20,048	(D)	(D)	224,921	219,010	20,980	(D)	(D)
28199 18	Monobasis.....	(X)	(X)	13,440	(X)	(X)	(X)	(X)	12,365	(X)	(X)
28199 21	Tribasic.....										
28199 23	Other inorganic calcium compounds	(X)	(X)	6,412	(X)	(X)	(X)	(X)	9,369	(X)	(X)
28199 24	Carbon, activated ⁴¹ : Decolorizing.....	72,096	68,562	19,823	(D)	(D)	53,297	53,728	13,834	(D)	(D)
28199 26	Water purification										

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
	Other inorganic chemicals, n.e.c.—Con. As reported in Current Industrial Reports M28A—Continued										
	Chromium compounds: Bichromates and chromates:										
28199 28	Potassium (hydrous).....	(D)	(D)	(⁴²)	(D)	(D)	2,346	2,707	925	(D)	(D)
28199 30											
28199 29	Sodium (hydrous)	133,872	88,172	21,202	(D)	(D)	97,803	76,581	19,005	(D)	(D)
28199 31											
28199 32	Other chromium compounds excluding chrome colors.....	(X)	(X)	4 ² 6,994	(X)	(X)	(X)	(X)	6,216	(X)	(X)
28199 94	Cobalt compounds....	(X)	(X)	1,856	(X)	(X)	(X)	(X)	1,963	(X)	(X)
	Copper compounds: Cuprous oxide (100% Cu ₂ O).....	1,276	1,246	1,147	(D)	(D)	3,059	3,021	2,068	(D)	(D)
28199 35											
28199 36	Copper sulfate (100% CuSO ₄ ·5H ₂ O)	39,700	37,433	9,055	(D)	(D)	45,861	41,954	8,714	(D)	(D)
28199 37	Other copper compounds (including copper cyanide and cupric oxide)....	(X)	(X)	4,568	(X)	(X)	(X)	(X)	4,658	(X)	(X)
28199 95	Gold compounds.....	(X)	(X)	21,615	(X)	(X)	(X)	(X)	8,052	(X)	(X)
28199 39	Hydrogen peroxide...	39,085	31,601	26,303	27,315	22,432	25,834	24,112	22,457	(D)	(D)
28199 40	Iodine (100% I).....	(D)	(D)	(⁴³)	(D)	(D)	92	42	197	(D)	(D)
	Iron compounds: Ferric chloride (100% FeCl ₃).....	50,900	49,702	4,411	46,076	4,411	32,908	32,526	2,940	(D)	(D)
28199 42											
28199 43	Ferrous sulfate (100% FeSO ₄ ·7H ₂ O)	159,845	100,955	960	(D)	(D)	135,825	82,678	1,115	(D)	(D)
28199 44	Other iron compounds.....	(X)	(X)	2,607	(X)	(X)	(X)	(X)	2,493	(X)	(X)
	Magnesium compounds: Sulfate, including Epsom salts (100% MgSO ₄).....										
28199 48											
28199 49	Other magnesium compounds.....	(X)	(X)	26,150	(X)	(X)	(X)	(X)	12,768	(X)	(X)
	Manganese compounds: Sulfate (100% MnSO ₄ ·4H ₂ O).....	34,285	33,897	3,039	(D)	(D)	19,142	(D)	(⁴⁴)	(D)	(D)
28199 50											
28199 52	Other manganese compounds, including potassium and other permanganates and manganese dioxide, battery grade.....	(X)	(X)	6,722	(X)	(X)	(X)	(X)	447,863	(X)	(X)
	Mercury and compounds: Mercury, redistilled (pounds).....	581,878	500,836	1,589	500,836	1,589	373,439	375,485	1,580	375,485	1,580
28199 53											
28199 54	Mercuric chloride (100% HgCl ₂).....	(D)	(D)	(⁴⁵)	(D)	(D)	264	111	878	111	878
28199 59	Other mercuric compounds, except mercuric fulminate and medicinal grades.....	(X)	(X)	4 ⁵ 3,289	(X)	(X)	(X)	(X)	2,606	(X)	(X)
28199 90	Molybdenum, platinum, radium, strontium, tantalum, thallium, and tungsten compounds.....	(X)	(X)	59,778	(X)	(X)	(NA)	(NA)	(⁴⁶)	(NA)	(NA)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
	Other inorganic chemicals, n.e.c.—Con.										
	As reported in Current Industrial Reports M28A—Continued										
28199 60	Nickel compounds: Sulfate (100% NiSO ₄ ·6H ₂ O).....	10,244	8,599	4,273	(D)	(D)	7,209	6,434	3,173	(D)	(D)
28199 61	Other nickel compounds.....	(X)	(X)	2,895	(X)	(X)	(X)	(X)	3,085	(X)	(X)
	Phosphorous and compounds:										
	Phosphorous elemental:										
28199 62	White (yellow) (technical)....	488,091	427,027	146,000	42,080	12,942	335,747	294,332	104,305	25,022	9,272
28199 63	Red (technical)....										
28199 64	Oxychloride (100% POCl ₃).....	23,948	17,961	4,014	(D)	(D)	17,444	13,097	3,089	(D)	(D)
28199 65	Pentoxide (100% P ₂ O ₅).....	9,828	7,364	1,584	(D)	(D)	10,596	9,130	2,090	(D)	(D)
28199 66	Trichloride (ehloride) (100% PCl ₃).....	26,764	9,625	2,113	7,682	1,775	16,626	4,761	1,179	(D)	(D)
28199 58	Pentasulfide (100% P ₂ S ₅).....	33,992	30,147	7,051	(D)	(D)	(NA)	(NA)	(⁴⁷)	(NA)	(NA)
28199 67	Other phosphorous compounds.....	(X)	(X)	1,735	(X)	(X)	(X)	(X)	⁴⁷ 5,630	(X)	(X)
28199 96	Rare earth compounds	(X)	(X)	5,128	(X)	(X)	(X)	(X)	(⁴⁶)	(X)	(X)
28199 97	Selenium compounds..	(X)	(X)	1,299	(X)	(X)	(X)	(X)	2,328	(X)	(X)
	Silica gel:										
28199 69	Desiccant grade...	(X)	(X)	40,656	(X)	(X)	(X)	(X)	29,571	(X)	(X)
28199 70	Aviation gas catalyst grade...										
28199 71	Silver compounds: Cyanide (100% AgCN) (quantity in thousand av. ounces).....	1,972	2,004	1,845	2,004	1,845	1,349	1,336	937	1,336	937
28199 72	Nitrate (100% AgNO ₃) (quantity in thousand av. ounces).....	94,551	42,366	30,622	42,366	27,480	65,618	28,011	15,892	28,011	15,892
28199 73	Other silver compounds.....	(X)	(X)	3,694	(X)	(X)	(X)	(X)	1,292	(X)	(X)
28199 74	Sulfur, recovered elemental.....	893,271	841,841	18,051	(D)	(D)	⁴⁸ 640,096	(NA)	(⁴⁹)	(X)	(X)
28199 75	Sulfur compounds: Dioxide (produced for sale) (100% SO ₂).....	73,234	57,872	3,857	(D)	(D)	67,492	57,394	3,057	(D)	(D)
28199 77	Other sulfur compounds (including sulfur chloride).....	(X)	(X)	14,677	(X)	(X)	(X)	(X)	⁴⁹ 23,455	(X)	(X)
28199 80	Tin compounds: Oxide (stannic) (100% SnO ₂).....	701	615	1,562	(D)	(D)	838	690	1,402	(D)	(D)
28199 81	Other tin compounds (including stannic and stannous chloride)...	(X)	(X)	6,992	(X)	(X)	(X)	(X)	4,399	(X)	(X)
28199 84	Zinc compounds: Chloride (100% ZnCl ₂).....	25,223	20,022	4,244	(D)	(D)	30,454	25,520	3,916	(D)	(D)
28199 87	Sulfate (100% ZnSO ₄ ·7H ₂ O).....	66,108	52,134	4,471	(D)	(D)	62,939	48,191	4,472	(D)	(D)
28199 88	Other zinc compounds excluding pigment grades...	(X)	(X)	7,590	(X)	(X)	(X)	(X)	6,342	(X)	(X)

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	1963					1958				
		Production for all purposes	Total shipments including interplant transfers		Commercial shipments		Production for all purposes	Total shipments including interplant transfers		Commercial shipments	
			Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
		(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)	(short tons)	(short tons)	(\$1,000)	(short tons)	(\$1,000)
	INDUSTRIAL INORGANIC CHEMICALS, N.E.C.—Continued										
	Other inorganic chemicals, n.e.c.—Con.										
	As reported in Current Industrial Reports M28A—Continued										
28199 98	All other inorganic chemicals, n.e.c....	(X)	(X)	⁴¹ ⁴³ 95,779	(X)	(X)	(X)	(X)	⁴¹ ⁴⁶ 107,300	(X)	(X)
28190 00	Industrial inorganic chemicals, n.s.k., reported in the census of manufactures.	(X)	(X)	11,113	(X)	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Does not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Includes quantities liquefied for use, storage, or shipment.

²Excludes data for natural soda ash. In 1963, 1,119 thousand tons of natural soda ash were produced and shipments were valued at \$27,616 thousand, according to information published in the Bureau of Mines Minerals Yearbook. Comparable 1958 data are 629 thousand tons produced and 639 thousand tons valued at \$17,175 thousand shipped.

³Ammonia soda and caustic carbonation processes.

⁴Includes quantities used to manufacture caustic soda, finished sodium bicarbonate, finished light and dense soda ash, calcium carbonate, etc.

⁵Quantity figures reported in terms of soda ash processed to refined bicarbonate.

⁶Excludes quantities converted to finished dense soda ash.

⁷Includes quantities later evaporated to solid caustic and reported as such.

⁸Includes some liquid shipped as interplant transfers to other establishments for further processing to dry forms.

⁹Includes unspecified amounts produced from liquid caustic received from other establishments.

¹⁰Includes potassium carbonate, modified sodas, electrolytic soda ash, sodium carbonate (monohydrate) and sal soda and excludes products classified as alkaline detergents.

¹¹Excludes value for helium produced in government owned plants.

¹²Excludes information from railroad shops, shipyards, welding shops, and small establishments using portable generators.

¹³Excludes production of liquid and gas carbon dioxide converted to and reported as dry ice and also amounts converted from pure carbon dioxide (liquid or solid) purchased or received from other plants. Also excludes quantities produced and consumed in plants manufacturing soda ash or urea.

¹⁴Source: U.S. Department of Interior, Bureau of Mines. Does not include helium produced at the privately owned Kerr-McGee plant but includes helium purchased for conservation.

¹⁵Excludes amounts vented, used as fuel, etc., and amounts produced and consumed in the manufacture of synthetic ammonia and methanol, but includes an unspecified amount produced for sale or interplant transfer to plants consuming this gas in the production of ammonia. Also excludes amounts produced by the ammonia dissociation process (cracking of ammonia). Includes amounts of hydrogen produced by some, but not all, petroleum refineries producing hydrogen from catalytic reforming operations.

¹⁶Small amount shipped as liquid included in gas data, and not shown separately to avoid disclosing operations of individual companies.

¹⁷Excludes amounts produced and consumed in the manufacture of synthetic ammonia or ammonia derivatives.

¹⁸Excludes amounts produced and used in the manufacture of ammonia.

¹⁹Code 2813457 combined with 2813498.

²⁰Excludes hydrocarbon gases such as propane, butane and propylene or halogenated hydrocarbons and cyclopropane, which are reported in the U.S. Tariff Commission report "Synthetic Organic Chemicals." Also excludes data for sulfur dioxide and chlorine.

²¹Represents values reported by tar distillers and excludes shipment values for tar, tar crudes and for pitches reported by establishments classified in industry 3312, Blast Furnaces and Steel Mills, and industry 2911, Petroleum Refining.

²²Data on quantities produced and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's Annual report, "Synthetic Organic Chemicals, United States Production and Sales."

²³Source of data: Current Industrial Reports Series M28A, "Inorganic Chemicals and Gases."

²⁴Data for enzymes, natural and synthetic, which were reported separately in code 2818535 in 1958 are included in code 2818111 in 1963.

²⁵For quantity information refer to the United States Treasury Department, Internal Revenue Service Publication: Alcohol and Tobacco - 1963. Excludes shipments reported as rubbing alcohol (primary to industry 2834, Pharmaceutical Preparations), and as antifreeze (primary to industry 2899, Chemical Preparations, N.E.C.)

²⁶Includes value of inorganic chemicals shipped by establishments classified in "manufacturing" and "nonmanufacturing" industries. The value of shipments reported by "nonmanufacturing" establishments classified in the mineral industries and the Tennessee Valley Authority amounted to \$159,982 thousand for 1963 and \$127,696 thousand for 1958.

²⁷Excludes data for byproduct ammonia liquor and ammonium sulfate published by the Bureau of Mines. The quantities of byproduct ammonia liquid (NH₃ content) produced were 14,524 short tons in 1963 and 14,903 short tons in 1958. The quantities of byproduct ammonium sulfate produced were 620,821 short tons in 1963 and 640,416 short tons in 1958.

²⁸For 1963, represents total amount of original solution produced, including amounts used for fertilizer, explosive, and other uses and amounts consumed in manufacturing other products such as nitrogen solutions (product code 2819155). For 1958, production of original solution was not collected separately. The 1958 figure represents the total of code 2819151, 2819152, and 2919153.

²⁹Excludes amounts converted to solid ammonium nitrate.

³⁰Codes 2819421, 2819451, and 2819467 combined with code 2819498 for 1963, code 2819451 combined with code 2819498 for 1958.

³¹Represents complete coverage of all manufacturers by the inclusion of estimates which account for less than 5 percent of the total.

³²In addition, 3,327 short tons in 1963, and 5,186 short tons in 1958, were produced by municipalities.

³³Code 2819718 not collected separately in 1958; included in code 2819717.

³⁴Represents quantities produced only for sale or interplant transfer.

³⁵Excludes quantities consumed in the manufacture of meta-, ortho-, and sesqui-silicates. Shipments figures include unspecified amounts shipped to other plants for use in manufacturing meta-, ortho-, or sesquisilicates.

Footnotes continued on next page.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Footnotes for table 6A-28D—Continued

³⁶Code 2819767 converted to 100% Na₂SO₄ and combined with code 2819765 for 1963.³⁷Excludes amounts converted to concentrated sodium sulfides.³⁸Code 2819785 combined with code 2819787 for 1963.³⁹Excludes pigment grades.⁴⁰Excludes quantities of liquid used to produce solid calcium chloride.⁴¹Value of activated carbon, deodorizing grade, included in code 2819998.⁴²Codes 2819928 and 2819930 combined with code 2819932 for 1963.⁴³Code 2819940 combined with code 2819998 for 1963.⁴⁴Code 2819950 combined with code 2819952 for 1958.⁴⁵Code 2819954 combined with code 2819959 for 1963.⁴⁶Codes 2819990, and 2819996 combined with code 2819998 for 1958.⁴⁷Code 2819958 not collected separately in 1958; included with code 2819967.⁴⁸Collected and published by the Bureau of Mines.⁴⁹Code 2819974 combined with code 2819977 for 1958.TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products, Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)		Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value			Production	Unit value
281--	Basic chemicals.....1963.. 1958..	(¹) (¹)	(¹) (¹)	281--	Basic chemicals--Continued		
2812-	Alkalies and chlorine.....1963.. 1958..	147 109	99 107	2818--	Industrial organic chemicals, n.e.c..1963.. 1958..	(¹) (¹)	(¹) (¹)
28121	Chlorine.....1963.. 1958..	184 129	103 104	28181	Miscellaneous cyclic (coal tar) chemical products.....1963.. 1958..	234 179	100 93
28122	Sodium carbonate (soda ash).....1963.. 1958..	107 96	106 108	28182	Miscellaneous acyclic chemicals and chemical products.....1963.. 1958..	(¹) (¹)	(¹) (¹)
28123	Sodium hydroxide (caustic soda)....1963.. 1958..	153 110	92 108	28183	Synthetic organic chemicals; n.e.c. (except bulk surface active agents).....1963.. 1958..	270 148	75 94
28124	Other alkalies.....1963.. 1958..	147 93	107	28184	Pesticides and other synthetic organic agricultural chemicals (except preparations).....1963.. 1958..	327 117	70 85
2813-	Industrial gases.....1963.. 1958..	363 142	55 95	28185	Ethyl alcohol and other industrial organic chemicals, n.e.c.....1963.. 1958..	(¹) (¹)	(¹) (¹)
28132	Acetylene.....1963.. 1958..	171 140	85 99	2819-	Industrial inorganic chemicals, n.e.c. ².....1963.. 1958	178 122	98 102
28133	Carbon dioxide.....1963.. 1958..	145 108	79 92	28191	Synthetic ammonia, nitric acid, and ammonium compounds.....1963.. 1958..	238 143	83 86
28134	Elemental gases and other industrial gases, n.e.c.....1963.. 1958..	620 160	45 93	28193	Sulfuric acid.....1963.. 1958..	138 112	87 94
2814-	Cyclic (coal tar) crudes.....1963.. 1958..	90 108	100 111	28194	Inorganic acids, except nitric and sulfuric.....1963.. 1958..	228 155	85 96
2815-	Intermediate coal tar products.....1963.. 1958	(¹) (¹)	(¹) (¹)	28195	Aluminum oxide, except natural alumina.....1963.. 1958..	167 107	115 120
28151	Cyclic (coal tar) intermediates....1963.. 1958..	(¹) (¹)	(¹) (¹)	28196	Other aluminum compounds.....1963.. 1958..	143 96	104 107
28152	Cyclic dyes.....1963.. 1958..	129 101	113 111	28197	Potassium and sodium compounds (except bleaches, alkalies, and alums).....1963.. 1958..	140 112	100 105
28153	Synthetic organic pigments, lakes and toners.....1963.. 1958..	112 99	148 119	28199	Other inorganic chemicals, n.e.c.....1963.. 1958..	162 117	108 110
2816-	Inorganic pigments.....1963.. 1958..	125 103	103 108				
28161	Titanium pigments, composite and pure.....1963.. 1958..	146 117	109 113				
28162	Other white opaque pigments.....1963.. 1958..	89 85	92 106				
28163	Chrome colors and other inorganic pigments.....1963.. 1958..	114 92	99 101				

n.e.c. Not elsewhere classified.

¹Indexes not shown because comparable quantity data covering a significant portion of these products were not obtained from reports submitted either to Census or to the United States Tariff Commission.²Adjusted to include inorganic industrial and household bleaching compounds (product class 28192) and chemical catalytic preparations (product class 28198), separate indexes, for which, not presented due to the lack of adequate quantity information.

TABLE 6C. Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2812-	Alkalies and chlorine.....\$1,000..	562,501	522,738	498,533	491,460	482,690	425,431	362,712	193,248
28121	Chlorine compressed or liquefied.....do....	164,039	161,506	149,725	146,853	133,641	117,397	87,195	31,204
28122	Sodium carbonate.....do....	123,625	122,315	120,553	119,193	125,530	113,263	109,120	62,950
28123	Sodium hydroxide (caustic soda).....do....	209,725	212,681	204,066	201,238	199,523	177,312	148,819	82,644
28124	Other alkalies.....do....	27,574	26,236	24,189	24,176	23,996	17,459	17,578	16,450
28120	Alkalies and chlorine, n.s.k.....do....	1,538	-	-	-	-	-	-	-
2813-	Industrial gases.....do....	389,626	358,194	331,712	312,789	301,897	262,581	195,360	109,701
28132	Acetylene:								
	Quantity.....million cu. ft..	8,878	8,528	8,336	8,710	8,572	7,157	5,129	3,002
	Value.....\$1,000..	93,463	92,521	94,368	102,736	101,441	89,407	64,550	38,581
28133	Carbon dioxide:								
	Quantity.....short tons..	984,130	944,943	843,689	822,993	828,712	740,690	689,192	470,900
	Value.....\$1,000..	49,878	49,708	48,908	49,035	48,706	43,004	43,445	20,372
28134	Elemental gases and compresses liquefied								
	gases, n.e.c.....do....	244,627	215,965	188,436	161,018	151,750	130,170	87,365	50,748
28130	Industrial gases, n.s.k.....do....	1,658	-	-	-	-	-	-	-
28140	Cyclic (coal tar) crudes.....do....	79,317	99,111	102,677	110,904	109,631	105,316	87,426	65,979
2815-	Intermediate coal tar products.....do....	1,115,897	1,053,429	1,003,832	1,012,630	953,019	788,495	691,312	378,942
28151	Cyclic intermediates.....do....	758,578	728,802	708,883	763,246	656,143	531,549	466,631	188,411
28152	Synthetic organic dyes.....do....	243,147	225,158	206,913	103,473	202,230	175,518	156,262	149,208
28153	Synthetic organic pigments, lakes, and								
	toners.....do....	111,653	96,032	86,849	91,680	93,426	80,244	68,419	37,887
28150	Intermediate coal tar products,								
	n.s.k.....do....	2,518	(S)	(S)	(S)	(S)	1,184	-	3,426
2816-	Inorganic pigments.....do....	480,352	456,210	451,517	447,808	470,696	412,011	372,450	277,857
28161	Titanium pigments.....do....	277,281	270,438	262,255	252,835	259,944	231,888	175,661	69,742
28162	Other white opaque pigments.....do....	50,378	50,693	50,871	56,252	60,469	54,435	64,022	88,595
28163	Chrome colors and other inorganic								
	pigments.....do....	151,811	134,358	137,680	138,000	149,540	125,074	132,582	119,520
28160	Inorganic pigments, n.s.k.....do....	882	(S)	(S)	(S)	(S)	614	185	-
2818-	Organic chemicals, n.e.c.....do....	4,183,750	3,680,009	3,284,165	3,326,133	3,149,579	2,787,327	2,027,479	965,896
28181	Miscellaneous cyclic chemical								
	products.....do....	200,536	158,749	156,303	146,076	141,934	143,322	85,974	² 50,821
28182	Miscellaneous acyclic chemicals and								
	chemical products.....do....	3,129,136	2,729,529	2,415,703	2,414,082	2,355,663	2,126,598	1,569,225	² 585,635
28183	Synthetic organic chemicals, n.e.c.								
	(except bulk surface active agents).....do....	426,816	407,617	381,517	371,885	372,135	291,440	208,469	³ 108,120
28184	Pesticide and other organic agricultural								
	chemicals (not formulation).....do....	223,381	220,476	164,980	147,484	122,718	96,186	96,884	(²)
28185	Ethyl alcohol and other industrial								
	organic chemicals, n.e.c.....do....	192,275	158,186	(S)	(S)	(S)	121,355	66,927	⁴ 207,790
28180	Organic chemicals, n.s.k.....do....	11,606	(S)	(S)	(S)	(S)	8,426	-	13,530
2819-	Inorganic chemicals, n.e.c.....do....	2,995,866	2,719,535	2,545,738	2,484,579	2,415,999	2,146,345	1,634,591	706,771
28191	Synthetic ammonia, nitric acid and								
	ammonium compounds.....do....	587,807	518,133	483,419	442,216	416,451	365,032	296,868	95,414
28192	Inorganic industrial household								
	bleaching compounds.....do....	200,000	151,213	133,405	120,850	118,423	113,963	83,787	37,276
28193	Sulfuric acid.....do....	193,941	190,721	175,799	183,425	192,786	169,896	161,248	89,129
28194	Inorganic acids, except nitric and								
	sulfuric.....do....	166,288	155,774	141,121	146,121	140,158	122,003	78,851	30,071
28195	Aluminum oxide.....do....	318,534	298,221	261,861	277,462	265,438	214,632	166,883	50,544
28196	Other aluminum compounds.....do....	103,845	86,029	78,678	83,871	85,151	69,960	67,945	26,034
28197	Potassium and sodium compounds (except								
	bleaches, alkalies and alums).....do....	513,314	502,400	483,429	464,564	453,035	426,734	275,814	145,865
28198	Chemical catalytic preparations.....do....	75,188	54,228	55,501	49,170	44,040	56,179	34,732	7,916
28199	Reagent and high purity grades of								
	inorganic chemicals and other inor- ganic chemicals, n.e.c.....do....	825,836	762,816	732,525	716,633	700,517	607,946	468,463	224,525
28190	Inorganic chemicals, n.s.k.....do....	11,113	-	-	-	-	-	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Data for product class 28184 not reported separately in 1947 but included in totals for product classes 28181 and 28182.

³Data for "other bulk agents" not reported separately in 1947 but included in totals for "bulk surface agents, except sulfonated oils and fats", classified as a product primary to industry 2842.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
CHLORINE, COMPRESSED OR LIQUEFIED (28121)			CARBON DIOXIDE (28133)			CYCLOC INTERMEDIATES (28151)		
United States, total....	164,039	117,818	United States, total....	49,878	43,004	United States, total....	758,579	531,549
Northeast.....	12,501	7,984	Northeast.....	14,633	9,558	New England.....	7,845	5,847
New York.....	9,608	(²)	New Jersey.....	7,461	(²)	Middle Atlantic.....	265,223	198,651
North Central.....	23,263	23,069	East North Central.....	9,988	10,342	New York.....	33,519	20,377
Ohio.....	7,285	6,154	West North Central.....	7,107	4,298	New Jersey.....	178,399	122,633
Michigan.....	13,236	14,077	South.....	10,195	11,106	Pennsylvania.....	53,305	55,641
South Atlantic.....	36,865	26,502	Virginia.....	3,872	(²)	North Central.....	154,719	122,172
West Virginia.....	21,748	14,060	Texas.....	2,236	(²)	Ohio.....	14,154	23,622
East South Central.....	22,208	11,811	West.....	7,955	7,700	Illinois.....	80,275	(²)
Alabama.....	11,894	(²)	California.....	5,504	(²)	South Atlantic.....	112,747	52,786
West South Central.....	46,345	31,474	ELEMENTAL GASES AND COM- PRESSED AND LIQUEFIED GASES N.E.C. (28134)			West Virginia.....	100,837	49,585
Texas.....	23,405	16,206	United States, total....	244,627	130,170	Georgia.....	1,297	(²)
West.....	22,857	16,978	New England.....	6,330	43,300	East South Central.....	53,390	20,787
Washington.....	11,236	8,452	Middle Atlantic.....	48,461	13,665	West South Central.....	133,392	97,202
SODIUM CARBONATE (28122)	1963 ¹		New York.....	4,426	5,196	West.....	31,263	34,104
United States, total....		123,625	New Jersey.....	8,513	8,742	SYNTHETIC ORGANIC DYES (28152)		
Northeast and North Central.		85,700	Pennsylvania.....	35,522	(²)	United States, total....	243,147	175,518
South.....		37,925	East North Central.....	63,568	37,307	New England.....	20,147	11,423
SODIUM HYDROXIDE (CAUSTIC SODA) (28123)	1963 ¹	1958	Ohio.....	28,382	13,665	Middle Atlantic.....	178,638	126,933
United States, total....	209,725	177,312	Illinois.....	15,281	9,463	New York.....	41,821	(²)
Northeast.....	23,050	19,856	West North Central.....	13,877	4,375	New Jersey.....	117,223	77,864
New York.....	20,409	(²)	Missouri.....	3,421	(²)	Pennsylvania.....	19,594	(²)
North Central.....	34,260	36,795	Kansas.....	8,828	(²)	North Central.....	11,682	19,988
Michigan.....	19,910	21,384	South Atlantic.....	25,040	7,347	South and West.....	32,680	17,174
South Atlantic.....	38,744	(²)	Delaware.....	9,077	(²)	SYNTHETIC ORGANIC PIGMENTS, LAKES AND TONERS (28153)	1963 ¹	
West Virginia.....	24,530	19,208	West Virginia.....	8,057	1,263	United States, total....		111,653
East South Central.....	18,425	(²)	Georgia.....	1,364	(²)	Northeast.....		73,561
Alabama.....	11,328	10,206	Florida.....	2,373	(²)	New York.....		18,187
West South Central.....	66,929	(²)	East South Central.....	14,735	7,280	New Jersey.....		51,883
Texas.....	36,455	29,979	Kentucky.....	3,831	(²)	North Central, South and West.....		38,092
West.....	28,317	21,962	Alabama.....	7,123	(²)	OTHER WHITE OPAQUE PIGMENTS (28162)	1963 ¹	1958
Washington.....	13,291	9,286	West South Central.....	22,755	10,818	United States, total....	50,378	54,435
ACETYLENE (28132)			Louisiana.....	3,021	2,592	Northeast.....	22,940	26,925
United States, total....	93,463	89,407	Texas.....	19,213	7,181	Pennsylvania.....	19,859	23,927
New England.....	1,473	1,728	Mountain.....	4,850	1,969	East North Central.....	16,935	17,930
Middle Atlantic.....	18,307	(²)	Arizona.....	2,799	(²)	West North Central.....	9,016	8,265
New Jersey.....	1,742	2,546	Pacific.....	45,011	17,774	South and West.....	1,487	1,315
East North Central.....	13,259	(²)	Washington.....	1,393	(²)	CHROME COLORS AND OTHER INORGANIC PIGMENTS (28163)		
Ohio.....	6,548	5,802	California.....	39,200	15,049	United States, total....	151,811	125,074
Indiana.....	1,205	1,771	CYCLOC (COAL TAR) CRUDES (28140)			New England.....	3,340	2,688
Illinois.....	2,584	2,138	United States, total....	79,317	105,316	Middle Atlantic.....	73,351	59,953
Michigan.....	2,046	(²)	Northeast.....	16,739	33,149	New York.....	31,368	26,256
West North Central.....	2,872	3,024	North Central.....	35,615	40,818	New Jersey.....	21,262	16,155
South.....	51,146	43,979	Ohio.....	13,790	18,336	Pennsylvania.....	20,721	17,542
Maryland.....	1,075	(²)	Illinois.....	13,630	14,213	North Central.....	42,640	35,816
Georgia.....	1,035	(²)	South and West.....	26,963	31,349	Ohio.....	13,967	7,821
Louisiana.....	1,954	(²)				Illinois.....	15,345	11,192
Mountain.....	1,468	1,442				South.....	25,704	20,124
Pacific.....	4,938	5,190				West Virginia.....	10,171	8,622
California.....	3,224	3,613				West.....	6,776	6,493
						California.....	6,776	(²)

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS (28181)			SYNTHETIC ORGANIC CHEMICALS, N.E.C. (EXCEPT BULK SURFACE ACTIVE AGENTS) (28183)—Continued			INORGANIC INDUSTRIAL AND HOUSEHOLD BLEACHING COMPOUNDS (28192)		
United States, total....	200,536	143,322				United States, total...	200,000	113,963
New England.....	2,569	817	East South Central.....	26,369	(2)	New England.....	12,083	5,068
Middle Atlantic.....	57,037	51,263	West South Central.....	14,076	(2)	Massachusetts.....	10,227	3,654
New York.....	14,502	6,213	Louisiana.....	4,910	(2)	Middle Atlantic.....	44,094	27,370
New Jersey.....	30,628	22,023	Texas.....	9,166	(2)	New Jersey.....	31,310	17,212
Pennsylvania.....	11,907	23,027	West.....	24,141	17,120	East North Central.....	42,084	25,684
North Central.....	44,322	33,626				Ohio.....	11,828	7,462
Ohio.....	11,022	4,161	PESTICIDES AND OTHER ORGANIC AGRICULTURAL CHEMICALS (NOT FORMULATIONS) (28184)			Illinois.....	8,561	10,718
Illinois.....	15,928	15,173				Michigan.....	9,191	6,773
Wisconsin.....	5,306	(2)	United States, total...	223,381	96,186	West North Central.....	18,256	8,327
South Atlantic.....	29,670	(2)	Northeast.....	44,162	26,500	South.....	52,597	29,319
West Virginia.....	10,700	10,157	New Jersey.....	25,541	16,578	Maryland.....	1,728	(2)
East South Central.....	29,030	(2)	East North Central.....	28,154		Georgia.....	9,650	6,435
West South Central.....	30,420	(2)	Ohio.....	2,104	21,794	Florida.....	6,543	4,063
West.....	7,488	7,656	West North Central.....	4,500		Tennessee.....	2,658	(2)
MISCELLANEOUS ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS (28182)			South Atlantic.....	53,023	47,892	West.....	30,886	18,195
United States, total....	3,129,136	2,126,598	East South Central.....	38,575		California.....	27,491	15,611
New England.....	22,657	16,878	West South Central.....	42,230		SULFURIC ACID (28193)		
Middle Atlantic.....	473,114	380,395	West.....	12,737		United States, total...	193,941	169,896
New York.....	96,587	105,158	ETHYL ALCOHOL AND OTHER INDUSTRIAL ORGANIC CHEMICALS, N.E.C. (28185)			New England.....	1,696	1,952
New Jersey.....	323,302	242,349	United States, total...	192,275	121,355	Middle Atlantic.....	27,611	23,210
Pennsylvania.....	53,225	32,888	New England.....	7,782	2,422	Pennsylvania.....	13,193	10,669
East North Central.....	292,444	216,590	Middle Atlantic.....	73,300	50,229	East North Central.....	38,901	(2)
Ohio.....	95,249	43,511	New York.....	17,784	(2)	Ohio.....	9,748	9,941
Illinois.....	53,908	(2)	New Jersey.....	32,694	19,262	Illinois.....	12,287	16,453
Michigan.....	98,205	74,067	Pennsylvania.....	22,822	(2)	West North Central.....	5,064	(2)
West North Central.....	34,088	27,252	North Central.....	60,108	31,287	South Atlantic.....	29,849	(2)
Kansas.....	11,743	(2)	Ohio.....	5,287	1,831	Virginia.....	5,504	5,386
South Atlantic.....	593,073	406,981	Illinois.....	35,633	21,457	Georgia.....	1,222	(2)
Delaware.....	29,069	(2)	Michigan.....	9,762	(2)	Florida.....	5,262	(2)
Virginia.....	80,453	44,620	South.....	34,427	25,853	East South Central.....	17,298	(2)
North Carolina.....	7,704	1,825	West.....	16,658	11,564	West South Central.....	45,774	(2)
East South Central.....	225,663	134,434	California.....	14,975	(2)	Texas.....	29,286	(2)
Kentucky.....	103,408	60,253	SYNTHETIC AMMONIA, NITRIC ACID, AND AMMONIUM COMPOUNDS (28191)			Mountain.....	9,709	(2)
Tennessee.....	110,612	(2)	United States, total...	587,807		Arizona.....	2,583	1,455
West South Central.....	1,367,867	865,645				Pacific.....	18,039	(2)
Texas.....	1,077,141	653,701				INORGANIC ACIDS, EXCEPT NITRIC AND SULFURIC (28194)		
West.....	120,230	78,423				United States, total...	166,288	
Washington.....	7,923	(2)	Northeast.....	29,537		Northeast.....	23,143	
California.....	107,830	68,982	Pennsylvania.....	13,973		New Jersey.....	15,419	
SYNTHETIC ORGANIC CHEMICALS, N.E.C. (EXCEPT BULK SURFACE ACTIVE AGENTS) (28183)			East North Central.....	69,818		East North Central.....	50,682	
United States, total....	426,816	291,440	Illinois.....	14,973		Ohio.....	10,290	
New England.....	51,213	43,909	Michigan.....	5,913		Illinois.....	29,739	
Massachusetts.....	19,742	19,317	West North Central.....	87,945		West North Central.....	7,357	
Middle Atlantic.....	156,842	94,901	Missouri.....	17,215		South Atlantic.....	32,368	
New York.....	28,329	15,793	South Atlantic.....	92,333		Florida.....	15,519	
New Jersey.....	99,190	62,457	Florida.....	16,971		East South Central.....	9,979	
Pennsylvania.....	29,323	16,651	East South Central.....	83,212		West South Central.....	15,564	
North Central.....	98,042	76,062	West South Central.....	137,389		Texas.....	8,418	
Ohio.....	41,549	35,492	Texas.....	62,303		Mountain.....	8,237	
Illinois.....	27,381	9,431	Mountain.....	21,160		Pacific.....	18,958	
Michigan.....	5,552	(2)	Pacific.....	66,413		California.....	18,746	
South Atlantic.....	56,133	(2)	California.....	55,773				
West Virginia.....	49,798	41,326						

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
OTHER ALUMINUM COMPOUNDS (28196)	1963 ¹	POTASSIUM, AND SODIUM COMPOUNDS (EXCEPT BLEACHES, ALKALIES, AND ALUMS) (28197)—Continued	1963 ¹	REAGENT AND HIGH PURITY GRADES OF INORGANIC CHEMICALS AND OTHER INORGANIC CHEMICALS, N.E.C. (28199)	1963 ¹
United States, total....	103,845	South Atlantic.....	36,126	United States, total....	825,836
New England.....	2,343	Maryland.....	2,280	New England.....	11,911
Middle Atlantic.....	9,831	Virginia.....	11,032	Massachusetts.....	6,938
New Jersey.....	7,003	Georgia.....	6,073	Middle Atlantic.....	230,105
North Central.....	16,685	Florida.....	2,809	New York.....	53,770
South.....	69,951	East South Central.....	32,875	New Jersey.....	86,107
Maryland.....	6,168	Tennessee.....	18,983	Pennsylvania.....	90,228
Louisiana.....	12,361	West South Central.....	21,970	East North Central.....	151,592
Texas.....	22,660	Louisiana.....	6,657	Ohio.....	62,056
West.....	5,035	Texas.....	15,313	Illinois.....	40,702
POTASSIUM, AND SODIUM COMPOUNDS (EXCEPT BLEACHES, ALKALIES, AND ALUMS) (28197)		Mountain.....	92,617	Michigan.....	39,938
United States, total....	513,314	Pacific.....	87,335	West North Central.....	33,228
New England.....	7,591	CHEMICAL CATALYTIC PREPARATIONS (28198)	1963 ¹ 1958	Missouri.....	23,288
Massachusetts.....	6,656	United States, total....	75,188 56,179	South Atlantic.....	90,084
Middle Atlantic.....	102,581	Northeast.....	17,099 8,760	Delaware.....	5,491
New York.....	31,065	New Jersey.....	14,826 5,311	Maryland.....	25,395
New Jersey.....	49,858	Pennsylvania.....	1,919 (Z)	Virginia.....	14,837
Pennsylvania.....	21,660	East North Central.....	17,973 17,953	West Virginia.....	9,973
East North Central.....	106,278	Ohio.....	5,526 4,109	Florida.....	23,364
Ohio.....	16,933	South.....	38,155 27,138	East South Central.....	146,873
Illinois.....	45,030	West Virginia.....	6,376 (2)	Tennessee.....	113,442
West North Central.....	25,941	Pacific.....	1,961 2,328	West South Central.....	52,891
				Louisiana.....	21,221
				Texas.....	25,129
				Mountain.....	67,387
				Pacific.....	41,765
				California.....	32,620

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million. n.e.c. Not elsewhere classified.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28121, New Jersey, Kansas, Maryland, Virginia, Georgia, Kentucky, Tennessee, Louisiana, Nevada, Oregon, California; 28122, New York, Ohio, Michigan, Virginia, Louisiana, Texas; 28123, New Jersey, Ohio, Kansas, Maryland, Virginia, North Carolina, Georgia, Kentucky, Tennessee, Louisiana, Nevada, Oregon, California; 28132, Massachusetts, New York, Pennsylvania, West Virginia, Kentucky, Tennessee, Texas; 28133, New York, Pennsylvania, Ohio, Indiana, Illinois, Missouri, Kansas, Tennessee, Washington; 28134, Massachusetts, Indiana, Michigan, Minnesota, Maryland, Tennessee, Colorado, Oregon; 28140, New York, New Jersey, Pennsylvania, Indiana, Michigan, Minnesota, Maryland, West Virginia, Tennessee, Alabama, Texas, California; 28151, Massachusetts, Connecticut, Indiana, Michigan, Missouri, Kansas, Maryland, Virginia, Kentucky, Tennessee, Alabama, Texas, Nevada, Washington, California; 28152, Massachusetts, Rhode Island, Ohio, Missouri, Maryland, West Virginia, North Carolina, South Carolina, Georgia, Tennessee; 28153, Pennsylvania, Ohio, Illinois, Michigan, Delaware, West Virginia; 28162, New Jersey, Ohio, Illinois, Missouri, Kansas; 28163, Vermont, Indiana, Missouri, Maryland, Georgia, Kentucky, Texas; 28181, Rhode Island, Michigan, Missouri, Nebraska, Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Alabama, Louisiana, Texas, California; 28182, New Hampshire, Massachusetts, Connecticut, Indiana, Iowa, Missouri, Nebraska, Maryland, West Virginia, South Carolina, Georgia, Florida, Alabama, Louisiana, Nevada; 28183, Rhode Island, Connecticut, Indiana, Missouri, North Carolina, Florida, Tennessee, Mississippi, Colorado, Washington, California; 28184, Rhode Island, Connecticut, New York, Pennsylvania, Indiana, Illinois, Michigan, Missouri, Maryland, West Virginia, North Carolina, Tennessee, Alabama, Louisiana, Oklahoma, Texas, California; 28185, Maine, Connecticut, Indiana, Wisconsin, Missouri, Maryland, South Carolina, Florida, Tennessee, Louisiana, Texas, Washington; 28191, New York, New Jersey, Ohio, Indiana, Minnesota, Iowa, Nebraska, Kansas, Virginia, West Virginia, Georgia, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Arizona, Utah, Nevada, Washington; 28192, Rhode Island, New York, Pennsylvania, Indiana, Wisconsin, Minnesota, Missouri, Kansas, Virginia, West Virginia, North Carolina, South Carolina, Louisiana, Texas, Washington; 28193, Massachusetts, New York, New Jersey, Indiana, Michigan, Iowa, Kansas, Delaware, Maryland, West Virginia, Kentucky, Tennessee, Alabama, Arkansas, Louisiana, Oklahoma, Colorado, Utah, Washington, California; 28194, New York, Pennsylvania, Indiana, Michigan, Minnesota, Missouri, Kansas, Delaware, Maryland, West Virginia, South Carolina, Kentucky, Tennessee, Louisiana, Idaho, Utah, Nevada; 28196, Massachusetts, New York, Pennsylvania, Ohio, Michigan, Wisconsin, Delaware, Georgia, Florida, Tennessee, Alabama, Arkansas, Washington, California; 28197, Indiana, Michigan, Missouri, Kansas, Delaware, West Virginia, Alabama, Mississippi, New Mexico, Utah, Nevada, Oregon, California; 28198, Indiana, Illinois, Michigan, Maryland, Kentucky, Tennessee, Louisiana, Texas, California; 28199, Rhode Island, Indiana, Iowa, Kansas, North Carolina, South Carolina, Georgia, Kentucky, Alabama, Mississippi, Arkansas, Oklahoma, Montana, Idaho, Wyoming, Colorado, Arizona, Nevada, Washington, and Oregon.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Basis	Unit of measure	1963				1958			
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost			Quantity	Delivered cost	
				(Quantity)		(\$1,000)	(Quantity)	(Quantity)		(\$1,000)	(Quantity)
				INDUSTRY 2812.—ALKALIES AND CHLORINE							
	Materials, containers, and supplies, total.....			(X)	(X)	159,280		(X)	(X)	122,715	(X)
	Inorganic chemicals:										
281944	Acids, except spent acids:										
	Hydrochloric acid.....	100% HCl...	Short tons..	44,557	2,552	173	42,005	12,280	1,566	130	10,714
281931	Sulfuric acid.....	100% H ₂ SO ₄..	..do.....	36,115	36,115	830	-	32,065	32,065	809	-
281912	Ammonia, synthetic, anhydrous....	100% NH ₃...	..do.....	21,392	19,131	1,943	2,261	53,893	18,340	1,868	35,553
281211	Chlorine.....	100% Cl.....	..do.....	271,829	(D)	(D)	(D)	287,815	(D)	(D)	(D)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O...	..do.....	598,994	30,515	1,021	568,479	844,371	(D)	(D)	(D)
281238	Sodium hydroxide (caustic soda)...	100% NaOH...	..do.....	159,755	(D)	(D)	(D)	139,310	-	-	139,310
	Organic chemicals:										
281401	Benzol (benzene).....	100% C ₆ H ₆ ..	1,000 lbs...	65,246	65,246	2,886	-	69,121	69,121	3,236	-
	Used as raw materials:										
331210	Coke, including breeze.....		Short tons..	243,289	243,289	4,228	-	312,823	312,823	6,018	-
131302	Natural gas.....		Mill. cu. ft.	7,392	7,392	1,139	-	(D)	(D)	(D)	-
970099	All other materials and components, containers, and supplies			(X)	(X)	145,837	(X)	(X)	(X)	110,654	-
976000	Materials, containers, supplies, n.s.k.....			(X)	(X)	1,223	(X)	(NA)	(NA)	(NA)	-
	Materials, parts, and supplies					Unit of measure for quantities		1963			
								Quantity		Delivered cost (\$1,000)	
								INDUSTRY 2814.—CYCLIC (COAL TAR) CRUDES			
	Materials, containers, and supplies, etc. total.....							(X)		60,819	
331215	Tar crude.....					Short tons.....		1,315,073		29,867	
970099	All other materials, containers, supplies, components, etc.....							(X)		23,833	
976000	Materials, containers, and supplies, n.s.k.....							(X)		17,119	
	Material	Basis	Unit of measure	1963			1958				
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost			Quantity	Delivered cost	
				(Quantity)		(\$1,000)	(Quantity)	(Quantity)		(\$1,000)	(Quantity)
	INDUSTRY 2815.—INTERMEDIATE COAL TAR PRODUCTS										
	Materials, containers, and supplies, total.....			(X)	(X)	483,406	(X)	(X)	(X)	375,594	(X)
	Inorganic chemicals:										
	Acids, except spent acids:										
281944	Hydrochloric acid.....	100% HCl...	Short tons..	79,505	57,609	3,817	21,896	18,802	17,371	1,134	1,431
281911	Nitric acid.....	100% HNO ₃...	..do.....	271,336	45,950	3,129	225,386	168,425	21,001	1,797	147,424
281931	Sulfuric acid.....	100% H ₂ SO ₄..	..do.....	602,435	266,777	6,031	335,658	429,593	118,415	3,568	311,178
281912	Ammonia synthetic anhydrous....	100% NH ₃...	..do.....	126,705	56,040	3,875	70,665	87,483	87,483	6,285	-
281211	Chlorine.....	100% Cl.....	..do.....	242,310	165,649	9,239	76,661	144,074	(D)	(D)	(D)
281228	Sodium carbonate (ash soda).....	58% Na ₂ O...	..do.....	43,937	43,937	1,795	-	32,508	32,508	1,377	-
281238	Sodium hydroxide (caustic soda)...	100% NaOH...	..do.....	266,543	182,929	10,712	83,614	132,361	(D)	(D)	(D)
	Organic chemicals:										
281852	Alcohol, ethyl (pure and denatured).....			(NA)	(NA)	633	-	(NA)	(NA)	2,425	(D)
281820	Other alcohols, including amyl, butyl, methyl and propyl.....		1,000 gals..	(NA)	(NA)	11,014	(NA)	(D)	(NA)	5,247	(D)
281511	Aniline.....	100%.....	1,000 lbs...	22,455	22,455	3,400	-	59,391	20,429	3,849	38,962
281401	Benzol (benzene).....	100% C ₆ H ₆..	..do.....	1,200,436	1,163,075	37,963	37,361	1,126,623	1,054,991	49,848	71,632
281215	Formaldehyde.....	37% HCHO...	..do.....	13,489	13,489	469	-	(D)	53,522	1,182	(D)
	Liquefied petroleum and refinery gases for chemical feedstocks:										
281155	Ethylene.....		..do.....	647,295	550,195	22,755	97,100	(NA)	(NA)	(NA)	(NA)
281156	Propylene.....		..do.....	(NA)	(NA)	679	-	(NA)	(NA)	(NA)	(NA)
281159	Other, include mixtures (report net quantities consumed by excluding amounts returned to source).....		..do.....	(NA)	(NA)	11,012	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Basis	Unit of measure	1963				1958			
				Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant	Total consumption of materials	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost			Quantity	Delivered cost	
				(Quantity)		(\$1,000)	(Quantity)	(Quantity)		(\$1,000)	(Quantity)
Organic chemicals—Continued				INDUSTRY 2815.—INTERMEDIATE COAL TAR PRODUCTS—Continued							
281402	Naphthalene grades of 77.5°C or higher.....	100%	1,000 lbs...	134,113	68,889	4,300	65,224	243,088	169,346	10,478	73,742
281512	Nitrobenzene.....	100%	..do.....	212,236	4,711	439	207,525	124,487	2,181	215	122,306
281513	Phenol.....	100%	..do.....	48,381	15,929	1,886	32,452	25,459	9,052	1,624	16,407
281514	Phthalic anhydride.....	100%	..do.....	30,398	15,978	1,721	14,420	37,089	23,916	3,707	13,173
Crude materials:											
147701	Sulfur.....		Long tons...	196,487	196,487	4,475	-	164,539	164,539	4,117	(X)
333348	Zinc and zinc-base alloy refinery shapes.....		Short tons..	1,664	1,664	566	-	319	319	78	(X)
Used as raw materials:											
291101	Fuel oil.....		42 gal. bbls.	(NA)	(NA)	153	-	(NA)	(NA)	72	-
131302	Natural gas.....		Mil. cu. ft.	(NA)	(NA)	7,414	-	(NA)	-	-	(NA)
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	325,072	(X)	(X)	(X)	258,527	(X)
976000	Materials, containers, and supplies, n.s.k.....			(X)	(X)	110,857	(X)	(X)	(X)	20,064	(X)
				INDUSTRY 2818.—ORGANIC CHEMICALS, N.E.C.							
Materials, containers, and supplies, total.....				(X)	(X)	1,764,876	(X)	(X)	(X)	1,238,614	(X)
Inorganic chemicals:											
Acids, except spent acids:											
281944	Hydrochloric acid.....	100% HCl...	Short tons..	438,746	149,231	6,675	289,515	280,822	71,957	2,947	208,865
281946	Hydrofluoric acid.....	100% HF.....	..do.....	60,202	33,488	8,822	26,714	33,337	15,201	5,524	18,136
281911	Nitric acid.....	100% HNO ₃...	..do.....	447,646	90,992	7,057	356,654	238,580	(D)	(D)	(D)
281948	Phosphoric acid.....	100% P ₂ O ₅...	..do.....	5,235	5,235	814	-	(NA)	(NA)	474	-
281931	Sulfuric acid.....	100% H ₂ SO ₄...	..do.....	1,502,389	948,933	19,440	553,456	795,773	483,665	10,277	312,108
281912	Ammonia, synthetic, anhydrous....	100% NH ₃...	..do.....	755,552	379,212	25,857	376,340	404,733	141,069	11,560	263,664
281211	Chlorine.....	100% Cl.....	..do.....	2,940,835	1,115,249	64,867	1,825,586	1,814,943	863,326	51,529	951,617
281996	Phosphorus, elemental.....	Technical.....	..do.....	3,117	3,117	1,044	-	(NA)	(NA)	(NA)	(NA)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O....	..do.....	43,753	40,359	1,666	3,394	38,835	(D)	(D)	(D)
281238	Sodium hydroxide (caustic soda)...	100% NaOH....	..do.....	1,344,954	463,841	22,004	881,113	889,498	(D)	(D)	(D)
Organic chemicals:											
281852	Alcohol, ethyl (pure and de-natured).....			(NA)	(NA)	37,760	-	(D)	(NA)	32,270	(D)
281820	Other alcohols, including amyl, butyl, methyl, and propyl.....		1,000 gals..	431,514	176,299	55,898	255,215	170,986	86,781	23,440	84,205
281511	Aniline.....	100%.....	1,000 lbs...	56,767	56,767	8,096	-	37,290	23,705	4,244	13,585
281401	Benzol (benzene).....	100% C ₆ H ₆...	..do.....	1,209,117	1,024,270	34,317	184,847	(D)	784,657	37,590	(D)
281823	Formaldehyde.....	37% HCHO....	..do.....	1,052,195	111,365	3,188	940,830	320,876	61,573	2,525	259,303
Liquefied petroleum and refinery gases for chemical feedstocks:											
291155	Ethylene.....		..do.....	4,512,265	1,075,258	51,685	3,437,007	(NA)	(NA)	(NA)	(NA)
291154	Propane.....		..do.....	(NA)	(NA)	26,443	(NA)	(NA)	(NA)	(NA)	(NA)
291156	Propylene.....		1,000 lbs...	1,554,115	1,276,241	25,967	277,877	(NA)	(NA)	(NA)	(NA)
291159	Other, including mixtures.....		..do.....	(NA)	(NA)	51,620	(NA)	(NA)	(NA)	(NA)	(NA)
281402	Naphthalene.....		..do.....	296,943	294,533	13,888	2,410	(NA)	(NA)	(NA)	(NA)
281513	Phenol.....	100%	..do.....	225,382	140,095	22,035	85,287	(D)	98,485	15,406	(D)
281514	Phthalic anhydride.....	100%	..do.....	151,484	52,731	5,772	98,753	(D)	55,147	12,008	(D)
Crude materials:											
147701	Sulfur.....		Long tons...	539,871	539,871	13,676	-	274,804	274,804	8,287	-
Used as raw materials:											
121011	Bituminous coal and lignite.....		Short tons..	(NA)	(NA)	7,859	-	(NA)	(NA)	(NA)	(NA)
291101	Fuel oil.....		..do.....	(NA)	(NA)	1,061	-	(NA)	(NA)	691	-
131302	Natural gas.....		Mil. cu. ft.	(NA)	(NA)	43,619	-	79,917	79,917	15,169	-
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	1,072,530	(X)	(X)	(X)	978,286	(X)
976000	Materials, containers, and supplies, n.s.k.....			(X)	(X)	131,216	(X)	(X)	(X)	26,387	(X)

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Basis	Unit of measure	1963			1958		
				Total consumption of materials	Consumption of materials received from other establishments		Total consumption of materials	Consumption of materials received from other establishments	
					Quantity	Delivered cost (\$1,000)		Quantity	Delivered cost (\$1,000)
				(Quantity)			(Quantity)		
INDUSTRY 2819.—INORGANIC CHEMICALS, N.E.C.									
	Materials, containers, and supplies, total.....			(X)	(X)	1,141,635	(X)	(X)	855,603
	Inorganic chemicals:								
	Acids, except spent acids:								
281944	Hydrochloric acid.....	100% HCl...	Short tons..	(NA)	(NA)	3,389	52,936	(NA)	1,598
281946	Hydrofluoric acid.....	100% HF....	do.....	(NA)	(NA)	2,707	22,405	14,783	5,368
281911	Nitric acid.....	100% HNO ₃ ..	do.....	2,679,304	20,991	1,511	2,658,313	1,576,675	24,082
281948	Phosphoric acid.....	100% P ₂ O ₅ ..	do.....	792,651	110,609	17,085	682,042	622,661	(D)
281931	Sulfuric acid.....	100% H ₂ SO ₄ ..	do.....	2,914,845	1,082,944	18,470	1,831,901	2,127,693	23,187
281912	Ammonia, synthetic, anhydrous....	100% NH ₃ ...	do.....	2,586,205	266,334	17,343	2,319,875	1,572,478	15,033
281211	Chlorine.....	100% Cl....	do.....	633,591	123,432	8,579	510,159	268,787	85,168
281996	Phosphorous, elemental.....	Technical..	do.....	303,168	284,065	78,670	19,103	207,818	196,007
281228	Sodium carbonate (soda ash).....	58% Na ₂ O...	do.....	1,310,379	1,310,379	46,898	-	1,207,593	1,207,593
281238	Sodium hydroxide (caustic soda)...	100% NaOH..	do.....	529,718	424,343	20,585	105,375	321,170	273,990
281852	Organic chemicals:								
	Alcohol, ethyl (pure and de-natured).....			(NA)	(NA)	1,087	-	(NA)	1,030
281820	Other alcohols, including amyl, butyl, methyl, and propyl.....			(NA)	(NA)	2,015	-	(NA)	945
281513	Phenol.....	100%.....	1,000 lbs..	(NA)	(NA)	5,617	-	(NA)	(NA)
	Crude materials: ²								
105101	Bauxite.....		Short tons..	12,584,469	12,584,469	176,404	-	7,354,862	7,354,862
147501	Phosphate rock.....		Long tons..	(NA)	(NA)	37,598	-	(NA)	(NA)
147901	Pyrites.....		do.....	1,005,815	1,005,815	11,104	-	552,141	552,141
147701	Sulfur.....		do.....	1,804,323	1,804,323	45,104	-	1,489,956	1,489,956
281932	Sulfuric acid sludge (decomposition acid).....		Short tons..	1,032,216	1,032,216	5,564	-	1,182,800	1,182,800
333348	Zinc and zinc-base alloy refinery shapes.....		do.....	(NA)	(NA)	1,802	-	(NA)	1,885
	Used as raw material:								
121011	Bituminous coal and lignite.....		do.....	407,004	407,004	1,857	-	405,154	405,154
331210	Coke, including breeze.....		do.....	782,372	782,372	14,396	-	728,860	728,860
131302	Natural gas.....		Mil. cu. ft.	118,921	118,921	34,721	-	59,500	59,500
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	519,678	(X)	(X)	448,253
976000	Materials, containers and supplies, n.s.k.....			(X)	(X)	169,451	(X)	(X)	44,555

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

²Excludes quantities of sulfur derived from other sources such as copper pyrites, hydrogen sulfide and smelter gas.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Alkalies and chlorine (SIC 2812)	Industrial gases (SIC 2814)	Cyclic (coal tar) crudes (SIC 2814)	Intermediate coal tar products (SIC 2815)	Inorganic pigments (SIC 2816)	Organic chemicals, n.e.c. (SIC 2818)	Inorganic chemicals, n.e.c. (SIC 2819)
Total cost of purchased fuels and electric energy.....\$1,000..	78,396	36,977	3,968	36,955	20,606	173,484	365,101
Total cost of purchased fuels.....do....	41,497	6,217	3,231	23,383	14,606	124,208	98,731
Bituminous coal, lignite, and anthracite:							
Quantity.....1,000 short tons..	3,617	296	80	1,034	497	5,626	3,977
Cost.....\$1,000..	23,027	1,415	377	7,496	3,959	33,485	27,199
Coke and breeze:							
Quantity.....1,000 short tons..	(S)	(S)	-	(S)	(S)	(S)	180
Cost.....\$1,000..	(S)	(S)	-	(S)	(S)	(S)	2,922
Fuel oil (distillate and residual):							
Quantity.....1,000 barrels of 42 gallons..	470	309	(S)	1,598	1,800	2,752	2,720
Cost.....\$1,000..	1,263	1,079	(S)	4,198	5,473	7,273	8,420
Gas (natural, manufactured, still, blast furnace, and coke oven):							
Quantity.....million cu.ft..	64,372	4,574	4,089	39,493	10,788	327,663	203,085
Cost.....\$1,000..	15,092	1,815	1,336	10,046	4,969	69,441	57,957
Other fuels.....do....	(S)	(S)	827	1,533	181	13,974	2,233
Electric energy:							
Purchased:							
Quantity.....million kw.-hrs..	6,152	3,499	70	1,579	601	7,351	62,022
Cost.....\$1,000..	36,899	30,760	737	13,572	6,000	49,276	266,370
Generated less sold.....million kw.-hrs..	3,900	307	-	259	179	8,115	3,541
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	1,335	998	39	689	282	4,431	6,841
Prime movers, total.....do....	1,026	210	10	281	84	2,951	2,366
Driving generators.....do....	792	62	1	76	48	1,563	1,434
Not driving generators.....do....	234	148	9	205	36	1,388	932
Electric motors, total.....do....	660	856	29	483	244	2,298	5,324
Driven by purchased energy.....do....	309	788	29	408	199	1,480	4,474
Driven by energy generated at establishment.....do....	351	68	-	75	45	818	850
Aggregate horsepower per 100 production workers.....	9,904	17,679	2,671	4,090	3,233	7,890	12,715

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries," as of December 31, 1962," MC63(1)-6.

Standard Notes: -Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2812-	ALKALIES AND CHLORINE										
	Entire industry.....	38	19,652	138,156	13,489	27,594	88,091	389,243	263,553	652,120	57,470
	Establishments with—										
	90% or more specialization..	12	2,864	18,612	2,203	4,349	13,490	52,349	42,755	94,153	13,051
	75-89% specialization.....	8	2,881	20,105	2,015	4,007	12,960	62,112	45,816	107,293	7,658
28122	Sodium carbonate (primary product class of estab.).....	10	12,508	85,896	8,685	17,621	55,480	190,436	134,543	325,298	18,038
28123	Sodium hydroxide (caustic soda) (primary product class of estab.)..	11	5,259	39,917	3,365	7,029	23,728	147,355	88,512	236,457	24,739
2813-	INDUSTRIAL GASES										
	Entire industry.....	456	9,809	66,551	5,250	11,069	33,459	260,182	164,374	425,388	93,518
	Establishments with—										
	90% or more specialization..	437	9,166	62,045	4,813	10,156	30,682	242,264	153,189	396,170	69,206
28132	Acetylene (primary product class of estab.).....	137	1,856	12,378	970	2,060	6,173	34,167	49,628	84,300	2,414
28133	Carbon dioxide (primary product class of estab.).....	47	1,238	8,686	528	1,044	3,172	34,243	8,331	42,610	1,062
	Establishments with—										
	90% or more specialization....	47	1,238	8,686	528	1,044	3,172	34,243	8,331	42,610	1,062
28134	Elemental gases and compressed and liquefied gases, n.e.c. (primary product class of estab.)..	238	6,359	43,147	3,483	7,428	22,499	186,160	100,808	287,183	84,512
	Establishments with—										
	90% or more specialization....	180	4,105	29,430	2,498	5,290	16,931	142,334	73,746	216,637	70,579
	75-89% specialization.....	16	885	6,025	346	775	1,941	20,624	12,097	32,491	11,516
2814-	CYCLIC (COAL TAR) CRUDES										
	Entire industry.....	36	1,636	11,009	1,314	2,855	8,615	35,103	70,566	105,172	2,225
	Establishments with—										
	90% or more specialization..	26	519	3,401	378	777	2,355	12,360	30,633	43,387	1,370
2815-	INTERMEDIATE COAL TAR PRODUCTS										
	Entire industry.....	141	26,089	190,849	17,576	35,725	116,149	570,234	563,580	1,107,583	104,600
	Establishments with—										
	90% or more specialization..	96	6,540	45,153	4,371	9,108	26,378	122,878	128,681	248,601	24,561
	75-89% specialization.....	12	5,925	44,992	3,878	7,574	25,723	135,975	97,049	225,425	26,651
28151	Cyclic intermediates (primary product class of estab.).....	51	12,042	92,202	8,284	16,734	58,013	325,917	336,914	652,299	67,426
	Establishments with—										
	90% or more specialization....	28	1,547	10,635	980	2,000	5,716	41,434	49,722	89,413	17,129
	75-89% specialization.....	6	3,267	26,286	2,049	4,086	14,264	91,646	62,255	148,149	22,472
28152	Synthetic organic dyes (primary product class of estab.).....	40	10,265	72,408	6,796	13,866	43,576	184,864	160,241	330,808	28,665
	Establishments with—										
	90% or more specialization....	27	2,759	18,406	1,925	4,070	11,609	47,643	45,936	92,940	7,121
	75-89% specialization.....	4	913	6,275	658	1,375	4,035	14,915	16,038	30,022	958
28153	Synthetic organic pigments, lakes and toners (primary product class of estab.).....	33	3,647	25,380	2,436	4,984	14,186	58,188	64,349	120,823	(D)
	Establishments with—										
	90% or more specialization....	18	1,238	9,306	764	1,554	4,793	19,051	18,872	37,608	(D)
	75-89% specialization.....	6	179	1,326	116	258	706	2,809	4,003	6,790	(D)
2816-	INORGANIC PIGMENTS										
	Entire industry.....	96	11,544	76,372	8,135	16,161	49,859	286,407	194,171	484,768	17,365
	Establishments with—										
	90% or more specialization..	73	8,348	57,909	5,972	11,860	38,179	236,168	130,110	367,930	11,128
	75-89% specialization.....	5	1,030	5,711	706	1,405	3,661	14,219	22,289	36,825	(D)

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2816-	INORGANIC PIGMENTS—Continued										
28161	Titanium pigments (primary product class of estab.).....	9	6,162	45,032	4,340	8,525	29,381	198,003	82,662	283,409	9,627
	Establishments with—										
	90% or more specialization....	9	6,162	45,032	4,340	8,525	29,381	198,003	82,662	283,409	9,627
28162	Other white opaque pigments (primary product class of estab.)....	7	1,068	5,619	820	1,615	4,089	14,891	24,852	40,600	(D)
28163	Chrome colors and other inorganic pigments (primary product class of estab.).....	67	4,255	25,373	2,930	5,928	16,169	72,929	86,001	159,509	2,938
	Establishments with—										
	90% or more specialization....	48	1,735	10,276	1,266	2,594	6,778	33,240	34,078	66,198	1,064
	75-89% specialization.....	6	515	3,077	328	666	1,825	6,430	11,806	17,890	199
2818-	ORGANIC CHEMICALS, N.E.C.										
	Entire industry.....	464	85,492	677,252	56,370	114,438	405,019	2,727,450	2,105,674	4,840,176	400,981
	Establishments with—										
	90% or more specialization..	301	14,430	113,296	9,067	18,739	62,623	463,785	449,278	920,839	96,841
	75-89% specialization.....	51	18,348	144,323	12,223	24,589	87,839	682,286	512,178	1,197,847	105,573
28181	Miscellaneous cyclic chemical products (primary product class of estab.).....	42	1,957	14,469	1,067	2,361	7,645	51,949	52,982	104,565	5,331
	Establishments with—										
	90% or more specialization....	24	317	2,195	156	327	946	6,413	8,485	14,617	198
28182	Miscellaneous acyclic chemicals and chemical products (primary product class of estab.).....	150	66,034	536,890	43,822	88,549	324,160	2,289,512	1,584,068	3,881,081	299,318
	Establishments with—										
	90% or more specialization....	64	7,875	67,106	4,908	9,903	37,367	307,752	261,786	578,459	65,919
	75-89% specialization.....	25	10,487	83,363	6,895	13,805	50,716	399,451	296,176	694,765	64,654
28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents) (primary product class of estab.).....	62	9,845	73,375	6,760	13,644	43,712	197,522	266,396	462,221	28,150
	Establishments with—										
	90% or more specialization....	34	1,182	8,316	772	1,582	4,330	20,191	35,017	56,697	9,608
	75-89% specialization.....	6	689	5,204	466	1,030	3,168	24,513	34,864	59,216	4,052
28184	Pesticide and other organic agricultural chemicals (not formulations) (primary product class of estab.).....	21	2,714	20,256	1,645	3,432	10,955	100,192	87,181	187,503	13,269
	Establishments with—										
	90% or more specialization....	9	403	2,719	252	517	1,355	9,805	14,283	23,008	971
	75-89% specialization.....	3	737	6,516	356	742	2,658	37,938	18,934	55,447	10,083
28185	Ethyl alcohol and other industrial organic chemicals, n.e.c. (primary product class of estab.)....	99	4,630	30,417	2,869	6,024	17,427	82,779	109,752	193,289	14,081
	Establishments with—										
	90% or more specialization....	71	1,437	8,594	958	2,027	5,245	27,911	29,165	57,225	1,879
2819-	INORGANIC CHEMICALS, N.E.C. (ENTIRE INDUSTRY) ¹										
	Entire industry.....	674	82,430	603,036	53,515	108,078	351,697	1,902,563	1,586,497	3,493,870	137,107
	Establishments with—										
	90% or more specialization ² ..	542	41,544	292,283	28,338	58,005	180,438	996,434	933,748	1,929,681	90,589
	75-89% specialization ²	43	6,201	43,805	4,376	9,161	28,525	136,232	151,553	297,604	5,509
28191	Synthetic ammonia, nitric acid and ammonium compounds (primary product class of estab.).....	52	10,638	74,645	7,555	15,513	48,968	319,739	201,306	523,739	63,991
	Establishments with—										
	90% or more specialization....	31	4,305	31,384	2,995	6,298	19,898	155,230	89,736	243,227	48,195
	75-89% specialization.....	4	2,603	17,046	1,948	3,970	12,008	61,100	38,392	103,467	1,500

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2819-	INORGANIC CHEMICALS, N.E.C. (ENTIRE INDUSTRY) ¹ —Continued										
28192	Inorganic industrial household bleaching compounds (primary product class of estab.).....	134	2,499	14,225	1,748	3,538	9,455	75,431	96,743	172,475	4,210
	Establishments with—										
	90% or more specialization....	99	1,305	7,499	954	1,957	4,943	49,431	65,953	115,079	2,805
	75-89% specialization.....	14	159	824	111	227	551	3,878	5,296	9,153	165
28193	Sulfuric acid (primary product class of estab.).....	51	3,335	22,869	2,540	5,187	16,252	100,243	85,084	184,900	8,893
	Establishments with—										
	90% or more specialization....	34	955	6,602	748	1,541	4,995	43,635	31,234	74,849	1,968
	75-89% specialization.....	6	548	3,514	397	844	2,315	10,832	8,496	19,851	337
28194	Inorganic acids, except nitric and sulfuric (primary product class of estab.).....	13	3,154	22,878	2,186	4,179	14,685	73,818	28,404	98,929	4,421
	Establishments with—										
	90% or more specialization....	5	120	771	88	170	509	2,414	6,973	9,238	699
28195	Aluminum oxide (primary product class of estab.).....	9	5,328	40,131	4,174	8,418	29,112	117,575	242,337	357,479	9,536
28196	Other aluminum compounds (primary product class of estab.).....	53	1,307	8,297	930	1,959	5,527	28,398	36,786	65,354	4,809
	Establishments with—										
	90% or more specialization....	42	621	3,498	433	913	2,274	17,036	18,149	35,078	1,437
28197	Potassium and sodium compounds (except bleaches, alkalies and alums) (primary product class of estab.).....	66	7,089	51,234	5,095	10,563	34,221	153,380	244,076	397,053	11,578
	Establishments with—										
	90% or more specialization....	35	1,100	7,287	836	1,764	5,156	23,098	29,242	52,171	1,814
	75-89% specialization.....	13	2,040	14,376	1,477	3,041	9,529	38,289	68,849	107,066	2,794
28198	Chemical catalytic preparations (primary product class of estab.).....	16	1,292	9,417	1,018	1,342	6,992	27,062	31,000	60,618	2,654
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c. (primary product class of estab.)....	181	17,786	120,530	12,099	25,083	74,259	384,429	402,946	791,602	21,632
	Establishments with—										
	90% or more specialization....	127	6,417	42,462	4,753	9,892	28,474	163,590	175,458	341,254	8,461
	75-89% specialization.....	20	2,133	14,392	1,366	2,979	8,553	46,760	57,438	104,740	1,595

(D) Withheld to avoid disclosing figures for individual companies.

n.e.c. Not elsewhere classified.

¹Includes data for government-owned, privately operated establishments. Refer to footnotes 1-5, table 3 for explanation of inclusion of data for value added, cost of materials, and value of shipments for these establishments.²Excludes data for government-owned, privately operated establishments.

PLASTICS MATERIALS, SYNTHETIC RUBBER, AND MAN-MADE FIBERS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2821--Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
- 2822--Synthetic Rubber (Vulcanizable Elastomers)
- 2823--Cellulosic Man-Made Fibers
- 2824--Synthetic Organic Fibers, Except Cellulosic

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2821--PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS

This industry comprises establishments primarily engaged in the manufacture of cellulose plastics materials, regenerated cellulose, casein plastics, and vulcanized fiber, non-textile monofilaments, adhesives, film, sheets, rods, and tubes made from resins produced in the same establishment (or polymerized directly from chemicals), and synthetic resins, such as acrylic, coumarone indene and petroleum polymer, epoxy, melamine, phenolic, polyamide, polyester, polyethylene, polypropylene, silicone, styrene, urea, and vinyl. For a detailed list of products of industry 2821, refer to table 6A, product codes 2821000 to 2821998.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Plastics Materials and Resins Industry totaled \$2,571 million. This amount included shipments of plastics materials, synthetic resins, and nonvulcanizable elastomers (primary products) valued at \$2,115 million, shipments of other products (secondary products) valued at \$390 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$67 million.

This industry's shipments of plastics materials represented 84 percent of its total product shipments. The industry specialization ratio in 1958 was 86 percent. Among the larger secondary products shipped by this industry in 1963 were miscellaneous acyclic chemicals and chemical products (\$45 million), and synthetic organic chemicals, n.e.c. (\$30 million).

Shipments of plastics materials and resins by this industry represented 64 percent of all shipments of these products (\$3,301 million) by all industries. In 1958 the coverage ratio was 71 percent. Other industries shipping plastics materials, synthetic resins, and non-vulcanizable elastomers consisted mainly of industry 3079, Plastics Products, N.E.C., \$433 million; and industry 2818, Organic Chemicals, N.E.C., \$371 million.

2822—SYNTHETIC RUBBER (VULCANIZABLE ELASTOMERS)

This industry comprises establishments primarily engaged in the manufacture of synthetic rubber by polymerization or copolymerization. For a detailed list of products of industry 2822, refer to table 6A, product codes 2822011 to 2822051.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Synthetic Rubber Industry totaled \$764 million. This amount included shipments of synthetic rubber (primary products) valued at \$689 million, shipments of other products (secondary products) valued at \$58 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$17 million.

This industry's shipments of synthetic rubber represented 92 percent of its total product shipments. The industry specialization ratio in 1958 was 95 percent. Secondary products shipped by this industry in 1963 consisted mainly of cyclic (coal tar) intermediates, miscellaneous acrylic chemicals and chemical products, and plastics materials.

Shipments of synthetic rubber by this industry represented 80 percent of all shipments of these products (\$862 million) by all industries. In 1958 the coverage ratio was 83 percent. Other industries shipping synthetic rubber consisted mainly of industry 2818, Organic Chemicals, N.E.C., \$49 million; and industries 2911, Petroleum Refining, and 2821, Plastics Materials and Resins.

The production index for the primary products of the industry increased to 239 in 1963 from the 1958 level of 164. The unit value index for 1963 was 92 compared to 94 in 1958. Both indexes were computed on a basis of 1954 = 100.

2823—CELLULOSIC MAN-MADE FIBERS

This industry comprises establishments primarily engaged in the manufacture of cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. For a detailed list of products of industry 2823, refer to table 6A, product codes 2823100 to 2823298.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Cellulosic Man-Made Fibers Industry totaled \$732 million.

Secondary products shipped by this industry consisted mainly of miscellaneous acyclic chemicals and chemical products, noncellulosic organic fibers, and tire cord and fabric.

Other industries shipping cellulosic man-made fibers consisted mainly of industry 2824, Organic Fibers, Noncellulosic.

The production index for the primary products of the industry increased to 105 in 1963 from the 1958 level of 95. The unit value index for 1963 was 92 compared to 96 in 1958. Both indexes were computed on a basis of 1954 = 100.

2824—SYNTHETIC ORGANIC FIBERS, EXCEPT CELLULOSIC

This industry comprises establishments primarily engaged in the manufacture of synthetic organic fibers, except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in industry 3229. For a detailed list of products of industry 2824, refer to table 6A, product codes 28241-- to 2824289.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Organic Fibers, Noncellulosic Industry totaled \$1,403 million. This amount included shipments of noncellulosic organic fibers (primary products) valued at \$1,322 million, shipments of other products (secondary products) valued at \$70 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$11 million.

This industry's shipments of noncellulosic organic fibers represented 95 percent of its total product shipments. Secondary products shipped by this industry consisted mainly of cellulosic man-made fibers.

Shipments of noncellulosic organic fibers by this industry represented 97 percent of all shipments of these products (\$1,369 million) by all industries. Other industries shipping noncellulosic organic fibers consisted mainly of industry 2823, Cellulosic Man-Made Fibers, and industry 2818, Organic Chemicals, N.E.C.

The production index for the primary products of the industry increased to 399 in 1963 from the 1958 level of 172. The unit value index for 1963 was 60 compared to 78 in 1958. Both indexes were computed on a basis of 1954 = 100.

FIBERS, PLASTICS, RUBBERS: SIC 282 Value Added by Manufacture by State: 1963

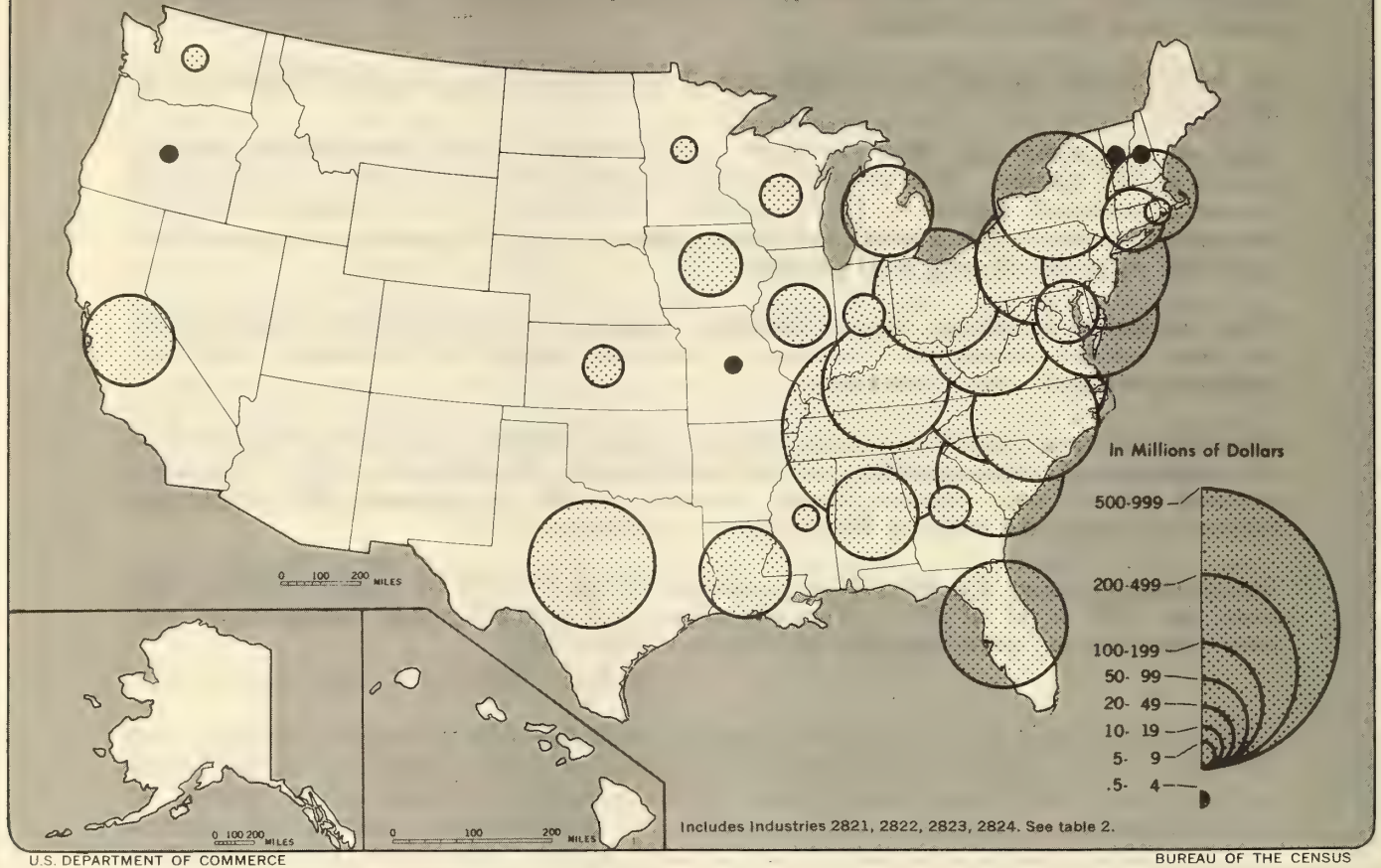


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Companies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	Specialization ratio (percent)	Coverage ratio (percent)
		Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2821.—PLASTICS MATERIALS AND RESINS														
1963.....	391	509	256	61,366	437,566	41,446	86,134	264,499	1,202,349	1,371,262	2,571,492	137,781	84	64
1962 ¹	(NA)	(NA)	(NA)	57,674	401,498	39,486	82,170	244,989	1,102,045	1,279,168	2,372,111	149,516	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	54,457	369,264	36,985	77,712	222,061	968,510	1,163,081	2,124,489	157,349	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	55,269	358,981	37,841	77,910	216,916	1,041,376	1,167,343	2,183,038	155,026	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	54,148	344,432	37,187	77,654	211,105	1,110,661	1,145,579	2,236,262	132,039	(NA)	(NA)
1958.....	279	349	196	51,003	308,212	35,305	72,035	189,321	871,956	972,977	1,846,667	178,882	86	71
1957 ¹	(NA)	(NA)	(NA)	52,608	296,788	36,623	74,295	183,074	835,439	959,783	1,775,246	135,680	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	50,394	273,395	35,639	72,649	171,687	759,840	918,773	1,651,320	166,351	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	44,003	225,223	31,175	64,675	143,956	723,357	789,540	1,498,488	114,862	(NA)	(NA)
1954.....	149	206	127	41,145	201,487	28,388	57,441	122,188	585,845	668,383	1,254,523	108,058	90	75
1953 ¹	(NA)	(NA)	(NA)	43,017	200,088	31,333	65,029	131,332	562,854	691,648	1,254,502	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	37,179	168,022	26,758	56,681	108,543	472,899	600,346	1,073,245	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	37,280	155,987	27,469	56,331	103,057	472,583	607,887	1,080,470	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	30,023	114,577	22,387	46,076	76,530	385,801	406,029	791,830	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	29,174	106,683	21,403	(NA)	70,239	267,170	324,904	592,074	(NA)	(NA)	(NA)
1947.....	94	123	79	28,627	91,397	21,810	46,250	63,295	197,558	280,773	478,331	58,386	92	77
1939 ²	(NA)	41	(NA)	(NA)	(NA)	7,191	(NA)	10,111	39,742	43,582	83,324	(NA)	(NA)	(NA)
1937 ³	(NA)	34	(NA)	(NA)	(NA)	7,283	(NA)	9,482	31,242	35,713	66,955	(NA)	(NA)	(NA)
INDUSTRY 2822.—SYNTHETIC RUBBER														
1963.....	16	24	24	11,840	93,507	7,844	15,915	56,615	329,520	435,355	763,891	32,328	92	80
1962 ¹	(NA)	(NA)	(NA)	11,592	88,161	7,741	15,744	53,565	318,415	439,040	759,036	41,931	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	10,929	79,830	7,452	14,542	49,107	291,800	406,299	696,407	59,535	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,026	77,349	7,576	15,283	48,288	275,570	457,323	725,773	48,213	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	9,898	67,759	6,897	14,052	43,890	281,518	434,849	703,281	17,275	(NA)	(NA)
1958.....	13	18	17	9,252	60,909	6,223	12,533	37,648	197,866	340,970	536,348	16,046	95	83
1957 ¹	(NA)	(NA)	(NA)	10,402	63,990	7,294	14,531	41,767	230,121	382,421	608,790	41,304	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	9,795	57,577	6,999	14,221	37,874	222,083	369,560	579,119	39,608	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	8,612	46,141	6,351	12,482	31,639	201,325	303,998	515,131	11,001	(NA)	(NA)
1954.....	13	21	21	8,531	44,502	6,178	12,217	30,214	142,518	208,592	361,565	13,760	98	90
1953 ¹	(NA)	(NA)	(NA)	9,952	50,007	7,590	15,047	34,813	150,992	291,337	442,329	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	9,758	46,339	7,457	15,330	33,511	167,890	312,004	479,894	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	9,893	43,469	7,597	15,745	31,354	138,327	345,760	484,087	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	5,855	24,238	4,557	9,064	17,632	109,081	137,469	246,550	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	5,605	(NA)	4,397	(NA)	(NA)	64,787	119,667	184,454	(NA)	(NA)	(NA)
1947 ³	5	20	20	7,663	25,774	5,721	11,262	18,381	97,356	137,844	235,200	(NA)	96	89
INDUSTRY 2823.—CELLULOSIC MAN-MADE FIBERS														
1963.....	8	19	19	30,086	167,028	24,015	48,114	120,492	411,529	320,028	731,815	38,129	(D)	(D)
1962 ¹	(NA)	(NA)	(NA)	35,082	183,782	27,303	53,762	128,549	413,709	315,019	724,343	26,555	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	33,071	171,695	25,575	50,098	118,094	358,417	268,306	643,839	29,776	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	40,306	211,019	30,717	59,287	141,265	389,133	324,640	709,136	50,663	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	41,481	211,262	32,164	63,961	145,429	444,844	344,157	781,917	(49,201)	(NA)	(NA)
1958.....	10	26	26	42,597	211,513	31,753	62,466	141,001	390,310	322,305	722,818	42,619	81	100
INDUSTRY 2824.—ORGANIC FIBERS, NONCELLULOSIC														
1963.....	14	25	24	41,421	275,809	28,385	57,240	161,042	922,001	487,777	1,403,178	170,323	95	97
1962 ¹	(NA)	(NA)	(NA)	31,833	214,361	23,257	46,473	131,369	793,155	418,128	1,192,051	118,351	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	28,956	186,443	20,386	40,230	111,832	668,061	367,400	1,039,489	117,550	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	23,429	141,783	17,012	33,571	88,599	549,631	321,640	868,281	48,122	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	22,178	129,596	16,270	32,203	82,175	557,753	333,653	875,149	24,733	(NA)	(NA)
1958 ³	9	14	14	18,684	102,742	12,899	26,025	61,864	439,638	243,657	688,365	53,659	(D)	(D)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²The figures for 1939 are not entirely comparable with those for earlier years. Value added by manufacture for 1939 on a basis comparable with earlier years was \$37.1 million for "Plastics materials."

³No comparable figures are available for earlier years.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2821.—PLASTICS MATERIALS AND RESINS													
Total.....	509	256	61,366	437,566	41,446	86,134	264,499	1,202,349	1,371,262	2,571,492	137,781	51,003	871,956
New England.....	75	37	8,477	56,628	5,910	12,719	34,646	115,236	188,764	303,355	20,283	5,673	71,370
Massachusetts.....	48	23	5,438	37,387	3,744	7,796	22,020	70,481	126,021	197,227	11,739	3,689	38,414
Middle Atlantic...	156	75	20,694	149,064	13,027	26,581	82,301	364,596	405,388	767,959	30,141	19,726	265,872
New York.....	52	23	5,013	37,651	3,454	7,170	22,853	77,527	77,139	153,193	5,645	4,837	74,414
New Jersey.....	74	33	6,304	46,708	3,820	7,991	23,388	140,934	142,081	278,967	13,895	6,978	86,681
Pennsylvania....	30	19	9,377	64,705	5,753	11,420	36,060	146,135	186,168	335,799	10,601	7,911	104,777
East North Central	99	49	10,571	79,782	8,018	17,178	57,004	212,931	265,306	477,141	24,936	9,120	186,344
Ohio.....	31	22	3,742	27,332	2,691	5,638	17,832	77,125	116,149	192,679	12,733	2,604	51,817
Illinois.....	33	12	1,214	8,544	731	1,528	4,372	33,220	65,150	97,633	4,696	1,607	47,753
Wisconsin.....	11	5	600	4,260	452	1,045	2,659	10,910	10,383	21,171	1,034	419	4,769
West North Central	14	9	2,491	17,422	1,711	3,461	10,225	50,586	40,559	91,053	12,940	1,659	34,809
South and West....	165	86	19,133	134,660	12,780	26,195	80,323	459,000	471,245	931,984	49,481	14,825	313,561
North Carolina..	10	5	955	5,276	629	1,380	3,501	19,462	21,150	40,548	1,702	817	13,599
Alabama.....	3	3	343	2,112	218	474	1,242	16,272	14,539	30,549	(D)	(²)	(²)
Texas.....	12	10	1,948	15,701	1,226	2,674	9,528	69,588	70,314	139,258	8,990	1,848	64,481
Washington.....	7	4	271	1,986	114	245	759	5,880	11,957	17,054	342	(²)	(²)
INDUSTRY 2822.—SYNTHETIC RUBBER													
Total.....	24	24	11,840	93,507	7,844	15,915	56,615	329,520	435,355	763,891	32,328	9,252	197,866
Northeast and North Central....	6	6	2,313	19,646	1,007	2,051	6,994	50,282	46,181	98,188	7,575	1,165	19,731
South and West....	18	18	9,527	73,861	6,837	13,864	49,621	279,238	389,174	665,703	24,753	8,087	178,135
Texas.....	7	7	3,461	25,845	2,473	5,027	17,619	105,438	192,948	295,733	2,557	2,492	61,064
INDUSTRY 2823.—CELLULOSIC MAN-MADE FIBERS													
Total.....	19	19	30,086	167,028	24,015	48,114	120,492	411,529	320,028	731,815	38,129	42,597	390,310
Northeast and North Central....	6	6	6,429	32,004	5,404	10,705	25,496	69,147	61,311	132,393	1,504	6,313	47,875
South.....	13	13	23,657	135,024	18,611	37,409	94,996	342,382	258,717	599,422	36,625	36,284	342,435
Tennessee.....	4	4	9,065	54,391	6,837	13,158	34,784	109,434	87,809	194,676	25,465	(²)	(²)
INDUSTRY 2824.—ORGANIC FIBERS, NONCELLULOSIC													
Total.....	25	24	41,421	275,809	28,385	57,240	161,042	922,001	487,777	1,403,178	170,323	18,684	439,638
South:													
North Carolina..	3	3	7,702	44,986	5,192	10,319	25,097	141,872	78,589	219,122	22,835	(²)	(²)
South Carolina..	5	5	3,581	20,867	2,598	5,479	12,778	99,355	35,579	134,572	13,326	(²)	(²)
All other States	17	16	30,138	209,956	20,595	41,442	123,167	608,774	373,609	1,049,484	134,162	(²)	(²)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2821, Plastics Materials and Resins: New England—Maine, 1 (1-19); New Hampshire, 2 (250-499); Vermont, 1 (20-99); Rhode Island, 9 (1,000-2,499); Connecticut, 14 (1,000-2,499); East North Central—Indiana, 7 (500-999); Michigan, 17 (2,500-4,999); West North Central—Minnesota, 6 (382); Iowa, 4 (1,553); Missouri, 1 (20-99); Kansas, 3 (250-249); South Atlantic—Delaware, 10 (1,000-2,499); Maryland, 3 (20-99); Virginia, 2 (2,500-4,999); West Virginia, 5 (2,500-4,999); South Carolina, 6 (100-249); Georgia, 5 (100-249); Florida, 6 (20-99); East South Central—Kentucky, 4 (1,000-2,499); Tennessee, 7 (2,500-4,999); Mississippi, 3 (20-99); West South Central—Arkansas, 2 (1-19); Louisiana, 4 (644); Oklahoma, 2 (1-19); Mountain—Colorado, 1 (1-19); Pacific—Oregon, 4 (20-99); California, 69 (1,000-2,499).

SIC 2822, Synthetic Rubber: Middle Atlantic—New York, 1 (500-999); New Jersey, 1 (250-499); East North Central—Ohio, 3 (500-999); Michigan, 1 (250-499); South Atlantic—Delaware, 1 (100-249); West Virginia, 2 (500-999); East South Central—Kentucky, 2 (2,500-4,999); Mississippi, 1 (20-99); West South Central—Louisiana, 4 (1,509); Pacific—California, 1 (500-999).

SIC 2823, Cellulosic Man-made Fibers: New England—Massachusetts, 1 (250-499); Connecticut, 1 (250-499); Middle Atlantic—New York, 1 (500-999); Pennsylvania, 2 (2,500-4,999); East North Central—Ohio, 1 (1,000-2,500); South Atlantic—Maryland, 1 (2,500-4,999); Virginia, 2 (2,500-4,999); West Virginia, 2 (2,500-4,999); South Carolina, 1 (1,000-2,499); Georgia, 1 (1,000-2,499); East South Central—Alabama, 2 (1,000-2,499).

SIC 2824, Organic Fibers, Noncellulosic: New England—Rhode Island, 1 (20-99); Middle Atlantic—New York, 1 (100-249); Pennsylvania, 1 (1-19); South Atlantic—Delaware, 1 (2,500-4,999); Virginia, 8 (13,954); Florida, 2 (5,000-9,999); East South Central—Tennessee, 2 (2,500-4,999); Alabama, 1 (500-999).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Plastics materials and resins (SIC 2821)	Synthetic rubber (SIC 2822)	Cellulosic man- made fibers (SIC 2823)	Organic fibers, noncellulosic (SIC 2824)
Primary product specialization ratio ¹.....	.84	.92	(D)	.95
Coverage ratio ².....	.64	.80	(D)	.97
Establishments, total.....number..	509	24	19	25
With 1 to 19 employees.....do....	253	-	-	1
With 20 to 99 employees.....do....	162	3	-	2
With 100 employees or more.....do....	94	21	19	22
Proprietors and working partners.....do....	79	-	-	1
All employees (average for the year).....do....	61,366	11,840	30,086	41,421
Payroll (all employees), total for year.....\$1,000..	437,566	93,507	167,028	275,809
Production workers:				
Average for the year.....number..	41,446	7,844	24,015	28,385
March.....do....	41,490	7,636	23,787	27,674
May.....do....	41,239	7,678	23,774	27,872
August.....do....	41,849	8,079	24,015	28,649
November.....do....	41,206	7,973	24,481	29,334
Man-hours.....1,000..	86,134	15,915	48,114	57,240
January-March.....do....	21,472	4,005	11,942	13,818
April-June.....do....	21,933	4,038	11,932	14,094
July-September.....do....	21,008	3,886	11,963	14,249
October-December.....do....	21,721	3,987	12,277	15,080
Wages.....\$1,000..	264,499	56,615	120,492	161,042
Cost of materials, etc., total.....do....	1,371,262	435,355	320,028	487,777
Materials, parts, containers, and supplies consumed.....do....	1,259,573	402,858	295,291	463,102
Cost of resales.....do....	46,099	14,320	2,332	331
Fuels consumed.....do....	28,838	9,563	20,564	16,679
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	2,670	960	273	1,026
Cost.....\$1,000..	24,112	7,312	1,648	7,388
Generated less sold.....million kw.-hrs..	340	-	1,532	763
Contract work.....\$1,000..	12,640	1,302	193	277
Value of shipments (including resales), total.....do....	2,571,492	763,891	731,815	1,403,178
Value of resales.....do....	53,049	15,596	2,678	331
Value added by manufacture, adjusted.....do....	1,202,349	329,520	411,529	992,001
Manufacturers' inventories:				
Beginning of year, total.....do....	314,716	74,957	86,154	114,791
Finished products.....do....	179,558	51,296	40,459	60,129
Work-in-process.....do....	35,723	5,432	14,026	20,671
Materials, supplies, fuel, etc.....do....	99,435	18,229	31,669	33,991
End of year, total.....do....	321,812	76,829	81,555	124,010
Finished products.....do....	180,680	52,045	37,605	66,193
Work-in-process.....do....	36,720	5,667	16,622	21,207
Materials, supplies, fuel, etc.....do....	104,412	19,117	27,328	36,610
Expenditures for plant and equipment, total.....do....	150,575	32,614	38,601	171,034
New, total.....do....	137,781	32,328	38,129	170,323
New structures and additions to plant.....do....	25,842	3,755	5,511	24,063
New machinery and equipment.....do....	111,939	28,573	32,618	146,260
Used plant and equipment.....do....	12,794	286	472	730
Selected operating ratios:				
Payroll/Total employment.....	7,130	7,898	5,552	6,659
Production workers/Total employment.....	.68	.66	.80	.69
Man-hours/Production workers.....	2,078	2,029	2,003	2,017
Production worker wages/Man-hours.....	3.07	3.56	2.50	2.81
Cost of materials and payrolls/Total value of shipments.....	.70	.69	.67	.54
Cost of materials/Total value of shipments.....	.53	.57	.44	.35
Adjusted value added/Total employment.....	19,593	27,831	13,678	22,259
Salaries and wages/Adjusted value added.....	.36	.28	.41	.30

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2821.—PLASTICS MATERIALS AND RESINS											
Establishments.....number..	509	103	56	94	103	59	41	24	16	9	4
All employees:											
Total.....do....	61,366	194	375	1,300	3,189	4,116	6,695	7,973	11,832	14,324	11,368
Payroll.....\$1,000..	437,566	1,220	2,009	8,059	20,175	26,356	48,487	57,161	81,791	103,402	88,896
Value added, adjusted.....do....	1,202,349	3,775	6,556	27,827	66,265	70,624	179,181	185,009	208,867	234,206	220,039
Value of shipments.....do....	2,571,492	10,831	17,012	78,222	191,931	204,986	398,998	380,073	425,489	469,590	394,360
Capital expenditures, new...do....	137,781	17,611	565	2,322	8,410	11,417	17,044	18,171	23,058	34,214	14,969
INDUSTRY 2822.—SYNTHETIC RUBBER											
Establishments.....number..	24	-	-	-	-	3	4	6	10	1	-
All employees:											
Total.....do....	11,840	-	-	-	-	786	(D)	2,136	8,918	(D)	-
Payroll.....\$1,000..	93,507	-	-	-	-	6,379	(D)	17,084	70,044	(D)	-
Value added, adjusted.....do....	329,520	-	-	-	-	24,760	(D)	46,133	258,627	(D)	-
Value of shipments.....do....	763,891	-	-	-	-	53,148	(D)	126,520	584,223	(D)	-
Capital expenditures, new...do....	32,328	-	-	-	-	9,871	(D)	6,083	16,374	(D)	-
INDUSTRY 2823.—CELLULOSIC MAN-MADE FIBERS											
Establishments.....number..	19	-	-	-	-	-	-	2	3	12	2
All employees:											
Total.....do....	30,086	-	-	-	-	-	-	2,919	(D)	27,167	(D)
Payroll.....\$1,000..	167,028	-	-	-	-	-	-	15,502	(D)	151,526	(D)
Value added, adjusted.....do....	411,529	-	-	-	-	-	-	35,220	(D)	376,309	(D)
Value of shipments.....do....	731,815	-	-	-	-	-	-	71,831	(D)	659,984	(D)
Capital expenditures, new...do....	38,129	-	-	-	-	-	-	2,211	(D)	35,918	(D)
INDUSTRY 2824.—ORGANIC FIBERS, NONCELLULOSIC											
Establishments.....number..	25	-	-	1	-	2	3	-	7	5	7
All employees:											
Total.....do....	41,421	-	-	598	-	(D)	(D)	-	4,640	36,183	(D)
Payroll.....\$1,000..	275,809	-	-	3,073	-	(D)	(D)	-	27,760	244,976	(D)
Value added, adjusted.....do....	922,001	-	-	2,586	-	(D)	(D)	-	88,375	831,040	(D)
Value of shipments.....do....	1,403,178	-	-	8,194	-	(D)	(D)	-	154,018	1,240,966	(D)
Capital expenditures, new...do....	170,323	-	-	2,377	-	(D)	(D)	-	23,989	143,957	(D)

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes \$2-\$5 million for plants under construction but not in operation for any part of the year.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		((\$1,000))	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B+C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2821	Plastics materials and resins.....1963..	2,571,492	2,114,946	389,784	66,762	84	3,301,394	2,114,946	1,186,448	64
	1958..	1,846,667	1,556,161	261,261	29,245	86	2,202,411	1,556,161	646,250	71
2822	Synthetic rubber.....1963..	763,891	688,874	57,538	17,479	92	862,276	688,874	173,402	80
	1958..	536,348	502,290	26,063	7,995	95	603,907	502,290	101,617	83
2823	Cellulosic man-made fibers.....1963..	731,815	(D)	(D)	3,329	(D)	648,890	(D)	(D)	(D)
	1958..	722,818	582,916	132,777	7,125	81	582,916	582,916	-	100
2824	Organic fibers, noncellulosic.....1963..	1,403,178	1,322,439	70,235	10,504	95	1,368,316	1,322,439	45,877	97
	1958..	688,365	(D)	(D)	(D)	(D)	748,343	(D)	(D)	(D)

NOTE: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Plastics materials and resins (SIC 2821)	Intermediate coal tar products (SIC 2815)	Organic chemicals, n.e.c. (SIC 2818)	Paints and allied products (SIC 2851)	Plastics products, n.e.c. (SIC 3079)	Other industries
PLASTICS MATERIALS AND RESINS INDUSTRY								
	Total shipments of the industry.....	(X)	2,571,492	(X)	(X)	(X)	(X)	(X)
	Primary products.....	3,301,394	12,114,946	38,601	371,308	24,394	432,776	319,369
28211	Unsupported plastics film, sheets, sheetings, rods, tubes, and other stock shapes.....	688,090	1206,130	-	-	(D)	397,020	(2)
28212	Regenerated cellulosic products, except rayon.....	327,612	(D)	-	-	-	-	(D)
28213	Thermoplastic resins and plastics materials.....	1,311,505	904,267	26,553	301,307	-	916	378,462
28214	Thermosetting resins and plastics materials.....	419,976	368,290	(D)	13,410	8,376	(D)	417,358
28215	Synthetic resin adhesives, from resins produced in this establishment.....	28,312	26,586	-	(D)	681	-	(D)
28216	Synthetic resins for protective coatings.....	272,242	196,023	(D)	48,813	13,203	(D)	512,129
28217	Custom compounding of purchased resins.....	184,558	146,807	-	1,879	1,723	24,516	9,633
28219	Plastics and resin materials, n.e.c.....	60,430	(D)	(D)	(D)	(D)	7,310	(6)
28210	Plastics materials, n.s.k.....	8,669	7,824	-	-	(D)	434	(D)
	Other products.....	(X)	1389,784	(X)	(X)	(X)	(X)	(X)
28151	Cyclic intermediates.....	(X)	20,218	(X)	(X)	(X)	(X)	(X)
28181	Miscellaneous cyclic chemical products.....	(X)	11,453	(X)	(X)	(X)	(X)	(X)
28182	Miscellaneous acyclic chemicals and chemical products.....	(X)	45,394	(X)	(X)	(X)	(X)	(X)
28183	Synthetic organic chemicals, n.e.c., (except bulk surface active agents).....	(X)	29,950	(X)	(X)	(X)	(X)	(X)
2819--	Industrial organic chemicals, n.e.c.....	(X)	12,641	(X)	(X)	(X)	(X)	(X)
28430	Surface active and finishing agents.....	(X)	8,473	(X)	(X)	(X)	(X)	(X)
2851--	Paints, varnishes, lacquers, enamels, and allied products.....	(X)	15,645	(X)	(X)	(X)	(X)	(X)
28911	Glues, adhesives, and sizes.....	(X)	10,738	(X)	(X)	(X)	(X)	(X)
28993	Essential oils, fireworks, and pyrotechnics, chemical and chemical preparations, n.e.c.....	(X)	22,316	(X)	(X)	(X)	(X)	(X)
3069--	Rubber products, n.e.c.....	(X)	7,461	(X)	(X)	(X)	(X)	(X)
30793	Laminated sheets, rods, and tubes.....	(X)	2,389	(X)	(X)	(X)	(X)	(X)
30795	Industrial plastics products.....	(X)	7,151	(X)	(X)	(X)	(X)	(X)
30798	Consumer and commercial plastics products, n.e.c.....	(X)	3,254	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	7139,946	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	66,762	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	53,049	(X)	(X)	(X)	(X)	(X)
	Contract work.....	(X)	8,340	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	5,373	(X)	(X)	(X)	(X)	(X)
		All industries	Synthetic rubber (SIC 2822)	Organic chemicals, n.e.c. (SIC 2818)	Plastics materials and resins (SIC 2821)	Petroleum refining (SIC 2911)	Other industries	
SYNTHETIC RUBBER INDUSTRY								
	Total shipments of the industry.....	(X)	763,891	(X)	(X)	(X)	(X)	(X)
28220	Synthetic rubber (vulcanizable elastomers).....	862,276	688,874	49,445	29,011	72,044	822,902	
	Other products.....	(X)	957,538	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	17,479	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	15,596	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	1,883	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Cellulosic man-made fibers (SIC 2823)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Noncellulosic man-made fibers (SIC 2824)	Other industries
	CELLULOSIC MAN-MADE FIBER INDUSTRY					ORGANIC FIBERS, NONCELLULOSIC, INDUSTRY			
	Total shipments of the industry	(X)	731,815	(X)		Total shipments of the industry	(X)	1,403,178	(X)
	Primary products.....	648,890	(D)	(D)		Primary products.....	1,368,316	1,322,439	45,877
28231	Acetate yarn.....	250,277	(D)	(10)	28241	Polyamide fibers (nylon) except monofilament.....	896,137	891,016	12 5,121
28232	Rayon yarn, viscose and cuprammonium processes.....	398,613	(D)	(10)	28242	Other noncellulosic synthetic organic fibers.....	472,179	431,423	13 40,756
	Other products.....	(X)	(11)	(X)		Other products.....	(X)	14 70,235	(X)
	Miscellaneous receipts.....	(X)	3,329	(X)		Miscellaneous receipts.....	(X)	10,504	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Product class code 28211 includes film, sheets, sheeting, rods, tubes, and other stock shapes made from purchased resins valued at \$52,755 thousand, which are not considered primary to this industry and, therefore, are excluded from the total for "Primary products" and included in the total for "Other products."

²Includes \$16,523 thousand shipped by industry 2295, Coated Fabrics, Not Rubberized; \$12,236 thousand shipped by industry 2643, Bags, Except Textile Bags; and \$13,502 shipped by industry 3069, Rubber Products, N.E.C. In addition, the following industries had shipments which totaled \$2 million or more but exact data are withheld to avoid disclosing individual company figures: 2641, Paper Coating and Glazing; 2647, Sanitary Paper Products; 2899, Chemical Preparations, N.E.C.; 2911, Petroleum Refining; 3292, Asbestos Products; 3729, Aircraft Equipment, N.E.C.; and 3861, Photographic Equipment.

³Includes \$17,796 thousand shipped by industry 2819, Inorganic Chemicals, N.E.C., and \$4,640 shipped by industry 2822, Synthetic Rubber. In addition, the following industries had shipments which totaled \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 2649, Converted Paper Products, N.E.C.; 2812, Alkalies and Chlorine; 2824, Organic Fibers, Noncellulosic; 2879, Agricultural Chemicals, N.E.C.; 2891, Glue and Gelatin; 2911, Petroleum Refining; and 3011, Tires and Inner Tubes.

⁴Includes \$4,699 thousand shipped by industry 2891, Glue and Gelatin. In addition, the following industries had shipments which totaled \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 2432, Veneer and Plywood Plants; 2822, Synthetic Rubber; and 2843, Surface Active Agents.

⁵Industry 2812, Alkalies and Chlorine, and industry 2816, Inorganic Pigments, had shipments totaling \$2 million or more, but exact data are withheld to avoid disclosing individual company figures.

⁶Industry 2861, Gum and Wood Chemicals, had shipments totaling \$2 million or more, but exact data are withheld to avoid disclosing individual company figures.

⁷Includes the following product classes or industries which total \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 22953, Other impregnated and coated fabrics (except rubber coated); 26217, Special industrial paper; 26552, Fiber cans, tubes, drums, and other fiber products; 28185, Ethyl alcohol and other industrial organic chemicals, n.e.c.; 28331, Synthetic organic medicinal chemicals in bulk (human and veterinary); 28416, Synthetic organic detergents, bulk; 28790, Insecticidal and fungicidal preparations (formulations) primarily for agricultural use; 30794, Packaging and shipping containers, plastics; and 38510, Ophthalmic goods.

⁸The following industries had shipments which totaled \$2 million or more, but are withheld to avoid disclosing individual company figures: industry 2815, Intermediate Coal Tar Products, and industry 3011, Tires and Inner Tubes.

⁹Includes the following product classes which total \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 28151, Cyclic intermediates; 28182, Miscellaneous acyclic chemicals and chemical products; 28213, Thermoplastic resins and plastics materials; and 28214, Thermosetting resins and plastics materials.

¹⁰The following industry had shipments which totaled \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: industry 2824, Organic Fibers, Noncellulosic.

¹¹Includes the following product classes which total \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 22960, Tire cord and tire fabrics; 28182, Miscellaneous acyclic chemicals and chemical products; 28197, Potassium and sodium compounds (except bleaches, alkalies, and alums); 28212, Regenerated cellulosic products, except rayon; 28241, Polyamide fibers (nylon) except monofilament; 28242, Other noncellulosic synthetic organic fibers.

¹²The following industry had shipments which totaled \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: industry 2823, Cellulosic Man-Made Fibers.

¹³The following industries had shipments which totaled \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 2818, Organic Chemicals, N.E.C.; 2823, Cellulosic Man-Made Fibers; and 3079, Plastics Products, N.E.C.

¹⁴Includes the following product classes which total \$2 million or more, but exact data are withheld to avoid disclosing individual company figures: 28182, Miscellaneous acyclic chemicals and chemical products; 28213, Thermoplastic resins and plastics materials; 28231, Acetate yarn; 28232, Rayon yarn, viscose and cuprammonium processes.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	1963			1958		
		Production for all purposes (1,000 lbs.)	Total shipments, including interplant transfers		Production for all purposes (1,000 lbs.)	Total shipments, including interplant transfers	
			Quantity (1,000 lbs.)	Value (\$1,000)		Quantity (1,000 lbs.)	Value (\$1,000)
2821- -- 30791 --	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZED ELASTOMERS, TOTAL.....	(X)	(X)	3,301,394	(X)	(X)	12,202,411
	Unsupported plastics film, sheets, sheeting, rods, tubes, and other stock shapes: ¹						
	As reported in the census of manufactures.....	(X)	(X)	688,090	(X)	(X)	(NA)
28211 -- 30791 --	Made from resins produced in same establishment.....	(X)	(X)	166,732	(X)	(X)	(NA)
	Made from purchased resins.....	(X)	(X)	521,358	(X)	(X)	(NA)
	As reported in Current Industrial Report M30D.....	(X)	(X)	671,987	(X)	(X)	(NA)
28211 -- 30791 --	Made from resins produced in same establishment.....	(X)	(X)	166,657	(X)	(X)	(NA)
	Made from purchased resins.....	(X)	(X)	505,330	(X)	(X)	(NA)
	Unsupported film, sheets, and sheeting, total.....	(NA)	(NA)	580,631	(NA)	(NA)	(NA)
	Cellulosic, total.....	(NA)	(NA)	56,771	(NA)	(NA)	(NA)
30791 10 30791 11 28211 11 30791 13 30791 15 28211 15	Less than 3.0 mils and not specified by gauge.....	(NA)	(NA)	34,308	(NA)	(NA)	(NA)
	3.0 mils to 9.9 mils.....	(NA)	(NA)	11,134	(NA)	(NA)	(NA)
	10.0 mils and over.....	(NA)	(NA)	11,329	(NA)	(NA)	(NA)
	Polyethylene, total.....	(NA)	(NA)	167,691	(NA)	(NA)	(NA)
30791 21 28211 21 30791 23 28211 23 30791 25 28211 25 30791 20	Less than 3.0 mils.....	(NA)	(NA)	126,175	(NA)	(NA)	68,322
	3.0 mils to 9.9 mils.....	(NA)	(NA)	30,814	(NA)	(NA)	26,728
	10.0 mils and over.....	(NA)	(NA)	4,299	(NA)	(NA)	1,841
	Not specified by gauge.....	(NA)	(NA)	6,403	(NA)	(NA)	(NA)
	Polypropylene, total.....	(NA)	(NA)	15,847	(NA)	(NA)	(NA)
30791 31 28211 31 30791 33-35	Less than 3.0 mils.....	(NA)	(NA)	14,665	(NA)	(NA)	(NA)
	3.0 mils and over.....	(NA)	(NA)	1,182	(NA)	(NA)	(NA)
	Polystyrene, total.....	(NA)	(NA)	18,456	(NA)	(NA)	(NA)
30791 41 28211 41 30791 43 30791 45 28211 45	Less than 3.0 mils.....	(NA)	(NA)	7,099	(NA)	(NA)	(NA)
	3.0 mils to 9.9 mils.....	(NA)	(NA)		(NA)	(NA)	(NA)
	10.0 mils and over.....	(NA)	(NA)	11,357	(NA)	(NA)	(NA)
30791 51 30791 55	Styrene copolymer, all gauges.....	(NA)	(NA)	2,665	(NA)	(NA)	(NA)
	Vinyl and vinyl copolymer, total.....	(NA)	(NA)	183,569	(NA)	(NA)	(NA)
30791 61 28211 61 30791 63 28211 63 30791 65 28211 65 30791 60 28211 60	Less than 3.0 mils.....	(NA)	(NA)	39,132	(NA)	(NA)	35,319
	3.0 mils to 9.9 mils.....	(NA)	(NA)	44,818 9,601 67,318 7,031	(NA)	(NA)	46,036
	10.0 mils and over.....	(NA)	(NA)		(NA)	(NA)	58,352
	Not specified by gauge.....	(NA)	(NA)	15,669	(NA)	(NA)	(NA)
30791 70-75 28211 71-75	Other unsupported plastic film, sheets, and sheeting, all gauges.....	(NA)	(NA)	135,632	(NA)	(NA)	(NA)
	Unsupported plastics rods, tubes, and other stock shapes (excluding foam), total.....	(NA)	(NA)	76,629	(NA)	(NA)	(NA)
30791 81 30791 83 28211 83 30791 85 30791 87 30791 89 30791 91 30791 93 30791 95 28211 95 30791 97	Acrylate and methacrylate.....	(NA)	(NA)	3,487	(NA)	(NA)	(NA)
	Cellulosics.....	(NA)	(NA)	9,816	(NA)	(NA)	(NA)
	Polyamide (nylon).....	(NA)	(NA)	4,936	(NA)	(NA)	(NA)
	Polyethylene.....	(NA)	(NA)	7,093	(NA)	(NA)	(NA)
	Polypropylene.....	(NA)	(NA)	3,163	(NA)	(NA)	(NA)
	Polystyrene.....	(NA)	(NA)	6,320	(NA)	(NA)	(NA)
	Styrene copolymer.....	(NA)	(NA)	1,397	(NA)	(NA)	(NA)
	Vinyl and vinyl copolymer.....	(NA)	(NA)	19,226	(NA)	(NA)	(NA)
	Other unsupported plastics rods, tubes, and other stock shapes.....	(NA)	(NA)	21,191	(NA)	(NA)	(NA)
30791 00 28211 00	Unsupported plastics film, sheets, sheeting, rods, tubes, and other stock shapes, n.s.k.....	(NA)	(NA)	14,727	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963			1958		
		Production for all purposes (1,000 lbs.)	Total shipments, including interplant transfers		Production for all purposes (1,000 lbs.)	Total shipments, including interplant transfers	
			Quantity (1,000 lbs.)	Value (\$1,000)		Quantity (1,000 lbs.)	Value (\$1,000)
28212 --	Regenerated cellulosic products, except rayon.....	(X)	(X)	327,612	524,912	513,512	302,009
28212 13	Sheets and rolls (cellophane):						
28212 15	Uncoated and nitrocellulose coated.....	427,131	422,481	249,818	429,488	416,527	245,591
	Polymer coated.....						
28212 51	Sponges.....	11,940	11,976	14,216	4,952	4,856	11,462
28212 31	Caps and bands.....	(S)	(S)	63,578	90,472	92,129	44,956
28212 98	Other regenerated cellulosic products.....						
28212 00	Regenerated cellulosic products, except rayon, n.s.k.....						
28213 --	Thermoplastic resins and plastics materials, excluding resins and plastics for protective coatings ¹	(X)	(X)	1,311,505	(X)	(X)	(NA)
	Polyethylene resins: ²						
28213 21	Low and medium density (0.940 and under).....	1,783,478	1,785,891	325,299	865,453	851,053	270,742
28213 31	High density (over 0.940).....	505,579	483,561	112,080			
28213 51	Polypropylene resins ²	201,959	181,316	48,204	(NA)	(NA)	(NA)
	Styrene resins: ²						
28213 61	Polystyrene, including rubber modified.....	1,094,874	975,002	188,467	585,806	583,359	164,269
28213 63	Styrene-acrylonitrile.....	39,835	32,231	6,462			
28213 67	Other styrene copolymers, containing 50% or more styrene.....	82,980	83,732	22,472			
28213 69	All other styrene and styrene derivative polymers and copolymers, including styrene-divinyl benzene and acrylonitrile-butadiene-styrene.....	216,260	197,347	78,099			
	Vinyl resins: ²						
28213 71	Polyvinyl chloride and copolymers, containing 50% of more polyvinyl chloride.....	1,103,084	1,063,593	202,301	719,727	626,114	185,594
28213 73	Polyvinyl acetate.....	179,517	170,055	37,903			
28213 75	All other vinyl and vinyl copolymer resins.....	137,620	128,685	69,394			
28213 81	Acrylic resins ²	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)
28213 85	Polyamide (nylon) resins ²	58,779	50,569	45,325	(NA)	(NA)	(NA)
28213 89	Other thermoplastic resins and materials such as cellulose acetate, polycarbonate, etc. ²	³ 244,934	³ 244,363	³ 174,357	(NA)	(NA)	(NA)
28213 00	Thermoplastic resins and plastics materials, excluding resins and plastics for protective coatings, n.s.k.....	(S)	(S)	1,142	(NA)	(NA)	(NA)
28214 --	Thermosetting resins and plastics materials, excluding resins and plastics for protective coatings, total ¹	(X)	(X)	419,976	(X)	(X)	(NA)
28214 11	Melamine-formaldehyde resins ²	127,966	118,225	48,162	304,540	288,038	81,949
28214 41	Urea-formaldehyde resins ²	311,965	296,361	53,969			
28214 21	Phenolic and other tar-acid resins ²	593,943	579,823	148,238			
28214 31	Polyester resins ²	263,342	243,990	77,519			
28214 71	Casein resins ²	(⁵)	(⁵)	(⁵)	12,072	11,274	5,061
28214 73	Coumarone indene and petroleum polymer resins ²	280,684	262,632	24,363	(NA)	(NA)	(NA)
28214 75	Epoxy resins ²	33,020	32,604	17,686	(⁴)	(⁴)	(⁴)
28214 79	Silicone resins ²	9,289	8,831	22,667	(NA)	(NA)	(NA)
28214 98	Other thermosetting resins and plastics materials, including alkyd (not for protective coatings), furan, etc.....	(S)	(S)	527,372	(NA)	(NA)	(NA)
28214 00	Thermosetting resins and plastics materials, excluding resins and plastics for protective coatings, n.s.k.....						
28215 --	Synthetic resin adhesives, from resins produced in same establishment, including all types of bonding and laminating adhesives ¹ ...	(X)	(X)	28,312	(X)	(X)	(NA)
28215 11	Epoxy.....	11,173	7,686	5,124	(NA)	(NA)	(NA)
28215 21	Phenolic.....	51,807	53,173	6,760	(NA)	(NA)	(NA)
28215 31	Urea and melamine.....	72,433	73,100	7,191	(NA)	(NA)	(NA)
28215 98	All other, including combinations.....	30,421	29,645	9,063	(NA)	(NA)	(NA)
28215 00	Synthetic resin adhesives, from resins produced in this establishment, including all types of bonding and laminating adhesives, n.s.k.....	(S)	(S)	174	(X)	(X)	(X)
28216 --	Synthetic resins for protective coatings.....	1,098,083	1,002,113	272,242	895,804	820,947	194,836
28216 11	For use in latex base emulsion paints (acrylic, styrene-butadiene, vinyl, etc.).....	530,690	471,165	122,679	(NA)	(NA)	(NA)
28216 21	For use in other types of paint.....	567,393	530,948	149,563	(NA)	(NA)	(NA)
28217 11	Custom compounding of purchased resins.....	(X)	(X)	184,558	(X)	(X)	149,090

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963			1958		
		Production for all purposes (1,000 lbs.)	Total shipments, including interplant transfers		Production for all purposes (1,000 lbs.)	Total shipments, including interplant transfers	
			Quantity (1,000 lbs.)	Value (\$1,000)		Quantity (1,000 lbs.)	Value (\$1,000)
28219 --	Plastics and resin materials, n.e.c.....	(X)	(X)	60,430	(X)	(X)	(NA)
	Monofilaments, not suitable for further manufacturing on textile processing equipment: ^{1 2}						
28219 11	Polyamide (nylon).....	7,086	6,926	16,660	(NA)	(NA)	(NA)
28219 13	Polyethylene.....	1,103	1,103	535	(NA)	(NA)	(NA)
28219 15	Polypropylene.....	2,502	2,472	1,843	(NA)	(NA)	(NA)
28219 19	Other.....	(S)	(S)	5,742	(NA)	(NA)	(NA)
28219 31	Cellulose and other plastic film from scrap.....	(X)	(X)	5,125	(X)	(X)	3,095
	Vulcanized fiber:						
28219 41	Sheets.....	26,586	25,914	12,140	29,760	29,643	13,162
28219 43	Rods, tubes, and hollowware, semimanufactured.....	3,475	3,728	6,160	(S)	(S)	2,109
28219 98	Other plastics and resin materials, n.e.c., excluding photographic film, rayon, acetate, or nitro-explosives.....	(S)	(S)	6,253	95,400	94,728	24,026
28219 00	Plastics and resin materials, n.e.c., n.s.k.....	(X)	(X)	5,972	(X)	(X)	2,142
28210 00	Plastics materials, synthetic resins and nonvulcanized elastomers, n.s.k.....	(X)	(X)	8,669	(X)	(X)	1,401
2822- --	SYNTHETIC RUBBER (VULCANIZABLE ELASTOMERS), TOTAL ⁶	3,894,860	3,853,911	862,276	2,528,950	2,516,203	603,907
28220 11	Not containing carbon black ⁷	2,962,240	2,956,356	730,082	2,237,206	2,246,888	560,040
28220 51	Containing carbon black ⁸	932,620	897,555	132,194	291,744	269,315	43,867
2823- --	CELLULOSIC MAN-MADE FIBERS, TOTAL.....	(X)	(X)	648,890	(X)	(X)	582,916
28231 --	Acetate and triacetate, total.....	⁹ 314,415	⁹ 316,183	250,277	321,356	320,431	210,650
	Packaged yarn:						
28231 11	45 denier (47 denier and finer).....	2,309	2,347	1,918	(X)	(X)	(X)
28231 13	55 denier (48 to 62 denier).....	72,937	73,335	57,530	(X)	(X)	(X)
28231 15	75 denier (63 to 87 denier).....	71,586	71,731	58,588	(X)	(X)	(X)
28231 17	100 denier (88 to 112 denier).....	29,490	29,155	22,605	(X)	(X)	(X)
28231 21	120 denier (113 to 137 denier).....	3,732	3,472	2,075	(X)	(X)	(X)
28231 23	150 denier (138 to 162 denier).....	91,977	93,523	54,990	(X)	(X)	(X)
28231 25	200 denier (163 to 237 denier).....	10,023	9,961	6,510	(X)	(X)	(X)
28231 27	300 and more (238 and more).....						
28231 41	Staple.....	⁹ 32,361	⁹ 32,659	¹⁰ 46,061	(X)	(X)	(X)
28231 59	Tow, except cigarette filters.....						
28231 98	Other acetate products, n.e.c., including salable waste.....						
28231 00	Acetate and triacetate, n.s.k.....						
28232 --	Rayon (viscose and cuprammonium processes), total.....	1,003,176	1,013,149	398,613	770,225	779,084	372,266
	Packaged yarn:						
28232 11	45 denier (47 denier and finer).....						
28232 13	55 denier (48 to 62 denier).....	9,411	9,595	9,666	7,769	7,776	7,459
28232 15	75 denier (63 to 87 denier).....						
28232 17	100 denier (88 to 112 denier).....						
28232 21	125 denier (113 to 137 denier).....	20,921	21,378	17,594	14,311	14,696	12,066
28232 23	150 denier (138 to 162 denier).....	66,254	66,696	47,622	3,507	3,481	2,595
28232 25	200 denier (163 to 237 denier).....	420	433	381	71,637	78,891	56,322
28232 27	250 and 300 denier (238 to 374 denier).....	29,252	29,530	21,427	433	480	333
28232 31	450 denier (375 to 524 denier).....	14,686	15,348	10,878	33,227	32,691	21,468
28232 33	600 denier (525 to 749 denier).....	6,489	6,638	4,562	10,170	10,231	6,187
28232 35	900 denier (750 to 999 denier).....	5,555	5,283	3,872	6,950	7,655	4,776
28232 37	1,100 denier (1,000 to 1,374 denier).....	32,018	33,952	18,255	6,173	6,760	4,273
28232 39	1,650 denier (1,375 and more).....	200,944	204,125	95,847	72,780	66,460	40,830
					186,911	188,451	105,906
28232 41	Staple.....	563,225	563,309	158,122	315,587	317,560	100,771
28232 51	Tow.....	14,574	14,328	5,676	14,199	14,335	4,868
28232 61	Waste, including staple waste.....						
28232 98	Other rayon products, n.e.c.....	39,427	42,534	4,711	26,571	29,617	4,412

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963			1958		
		Production for all purposes	Total shipments, including interplant transfers		Production for all purposes	Total shipments, including interplant transfers	
			Quantity	Value		Quantity	Value
		(1,000 lbs.)	(1,000 lbs.)	(\$1,000)	(1,000 lbs.)	(1,000 lbs.)	(\$1,000)
2824- --	NONCELLULOSIC MAN-MADE FIBERS, TOTAL.....	(X)	(X)	1,368,316	(X)	(X)	748,343
28241 --	Nylon (except nontextile monofilaments), yarn, textile monofilaments, staple, tow, and waste.....	11739,082	707,517	896,137	503,735	505,816	748,343
28242 --	Other noncellulosic man-made fibers, total.....	474,198	454,284	472,179			
28242 45	Acrylic and modacrylic, yarn, staple, and tow.....	211,684	213,141	181,624			
28242 63-65	Polypropylene filament yarn, textile monofilaments, staple and tow.....	26,443	19,887	14,676			
28242 51-55	Polyester filament yarn, staple, tow, and fiberfill.....	231,378	220,630	275,879			
28242 61	Polyethylene, filament yarn, staple, and tow.....						
28242 73	Saran, yarn, textile monofilaments, staple, and tow.....						
28242 75-77	Spandex extruded textile fiber and slit textile fiber.....						
28242 78	Vinyon, yarn, staple, and tow.....						
28242 81-85	Other man-made fibers (except rayon, acetate and glass): Filament yarn, textile monofilaments, staple and tow.....						
28242 89	Salable waste of noncellulosic fibers, except nylon.....						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Because of changes in classification, 1963 and 1958 product lines are not always comparable. In 1958, the only unsupported film, sheets, and sheeting separately classified were vinyl and polyethylene. All other unsupported film sheets, sheeting, rods and tubes made from resins produced in the same establishment were reported as resin. In addition, adhesives made from resins produced in the same establishment, and monofilaments were not separately shown in 1958. The total value of shipments of products included in the 1958 industry total of \$2,202,401,000 and not shown at a product code level amounts to \$423,149,000.

²Quantities of resin produced and shipped were requested on a "resin content" basis for vinyl resins, and on a "dry" basis for all other resins.

³Acrylic resins, code 2821381 included in code 2821389.

⁴Combined figures for acrylic and epoxy resins in 1958 were: Production 229,380,000 lbs., Shipments 220,783,000 lbs., valued at \$95,537,000.

⁵Casein resins, code 2821471 included in code 2821498.

⁶Excludes data for polyvinyl type and nonvulcanizable elastomers, classified by respondents as plastics materials. Additional information for synthetic rubbers may be found in Current Industrial Reports Series M30A, "Rubber Supply and Distribution for the United States," and in the annual report "Synthetic Organic Chemicals, United States Production and Sales," published by the U.S. Tariff Commission.

⁷Weight includes copolymer and oil of rubbers manufactured without carbon black.

⁸Weight includes copolymer, oil, and carbon black of rubbers manufactured with carbon black.

⁹Weight does not include acetate and triacetate staple, tow, and salable waste.

¹⁰Includes value of acetate and triacetate staple, tow, and salable waste.

¹¹Includes 59,925,000 lbs. of nylon waste shipments; production and shipments of waste being considered identical.

**TABLE 6B. Product Classes—Indexes of Production and
Unit Value for Primary Products Shipped by
All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
282	Plastics materials, synthetic rubber and man-made fibers.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
2821	Plastics materials and resins .....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
28212	Regenerated cellulosic products, except rayon....1963..	145	104
	.....1958..	128	109
2822	Synthetic rubber (vulcanizable elastomers).....1963..	239	92
	.....1958..	164	94
2823	Cellulosic man-made fibers.....1963..	105	92
	.....1958..	95	96
28231	Acetate and triacetate.....1963..	112	101
	.....1958..	114	95
28232	Rayon (viscose and cuprammonium processes).....1963..	102	88
	.....1958..	86	97
2824	Noncellulosic man-made fibers.....1963..	399	60
	.....1958..	172	78

¹Not shown because changes in product classification, 1963 related to 1958-1954, render the data not comparable for the principal product classes of industry 2821.

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments: 1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2821- and 30791	Plastics materials.....	3,301,394	3,038,274	2,759,563	2,655,929	2,703,230	2,202,411	1,463,460	559,583
28211 and 30791	Unsupported plastic film, sheets, sheetings, rods, tubes, and other stock shapes made from resins produced in this establishment.....	688,090	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28212	Regenerated cellulosic products, except rayon.....	327,612	325,074	334,194	344,759	334,170	302,009	217,012	(NA)
28213	Thermoplastic resins and plastics materials	1,311,505	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28214	Thermosetting resins and plastics materials	419,976	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28215	Synthetic resin adhesives, from resins produced in this establishment.....	28,312	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28216	Synthetic resins for protective coatings...	272,242	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28217	Custom compounding of purchased resins.....	184,558	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28219	Plastics and resin materials, n.e.c.....	60,430	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28210	Plastic materials, synthetic resins, and nonvulcanizable elastomers, n.s.k.....	8,669	(S)	(S)	(S)	(S)	1,401	689	(NA)
2822-	Synthetic rubber (vulcanizable elastomers)...	862,276	822,642	760,052	788,659	762,506	603,907	392,194	253,043
2823-	Cellulosic man-made fiber.....	648,890	617,730	574,857	554,441	650,405	582,916	640,731	585,795
28231	Acetate yarn.....	250,277	248,902	220,967	212,284	214,735	210,650	195,953	199,686
28232	Rayon yarn, viscose and cuprammonium process.	398,613	368,828	353,890	342,157	435,670	372,266	444,778	386,109
2824-	Synthetic organic fibers, noncellulosic.....	1,368,316	1,172,924	997,330	927,219	914,015	748,343	561,612	91,917
28241	Polyamide fibers (nylon) except monofilaments.....	896,137	781,894	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28242	Other noncellulosic synthetic organic fibers.....	472,179	391,030	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Because a major revision in the classification of products assigned to Industry 2821, Plastics Materials, was introduced in 1963, prior data, for the most part, are not comparable at the product class level.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments 1963 ¹	Product class and geographic area	Value of shipments 1963 ¹	Product class and geographic area	Value of shipments 1963 ¹
UNSUPPORTED FILM, SHEETS, SHEETING, RODS, TYPES, AND OTHER STOCK SHAPES (28211 AND 30791)		THERMOPLASTIC RESINS AND PLASTICS MATERIALS (28213)--Continued		SYNTHETIC RESINS FOR PROTECTIVE COATINGS (28216)--Continued	
United States, total....	688,090	East South Central.....	77,027	Middle Atlantic.....	95,263
New England.....	74,253	West South Central.....	431,971	New York.....	3,381
Massachusetts.....	41,580	Louisiana.....	60,220	New Jersey.....	41,533
Connecticut.....	21,355	Texas.....	371,751	Pennsylvania.....	50,349
Middle Atlantic.....	250,710	Pacific.....	40,596	East North Central.....	61,959
New York.....	80,082	THERMOSETTING RESINS AND PLASTICS MATERIALS (28214)		Ohio.....	12,936
New Jersey.....	114,705	United States, total....	419,976	Illinois.....	18,857
Pennsylvania.....	55,923	New England.....	69,313	Michigan.....	25,496
East North Central.....	176,107	Massachusetts.....	24,543	Wisconsin.....	4,670
Ohio.....	67,860	Rhode Island.....	3,009	West North Central.....	4,440
Indiana.....	22,588	Connecticut.....	41,761	South Atlantic.....	19,075
Illinois.....	39,539	Middle Atlantic.....	144,642	East South Central.....	15,515
Michigan.....	36,256	New York.....	48,453	West South Central.....	44,981
Wisconsin.....	9,864	New Jersey.....	67,493	Texas.....	44,981
West North Central.....	10,864	Pennsylvania.....	28,696	West.....	20,090
Minnesota.....	6,427	East North Central.....	94,894	CUSTOM COMPOUNDING OF PURCHASED RESINS (28217)	
Missouri.....	3,346	Ohio.....	52,822	United States, total....	184,558
South Atlantic.....	73,492	Illinois.....	17,663	New England.....	32,741
Delaware.....	8,729	West North Central.....	1,516	Middle Atlantic.....	82,519
Virginia.....	20,993	South Atlantic.....	53,417	New York.....	17,560
North Carolina.....	3,994	Delaware.....	7,477	New Jersey.....	58,264
South Carolina.....	30,813	West Virginia.....	31,404	Pennsylvania.....	6,695
Florida.....	1,511	North Carolina.....	8,558	East North Central.....	27,183
East South Central.....	52,215	East South Central.....	5,141	Ohio.....	6,287
West South Central.....	20,980	Alabama.....	2,741	Illinois.....	12,097
West.....	29,469	West South Central.....	9,589	Michigan.....	7,156
Washington.....	1,496	Pacific.....	41,464	Wisconsin.....	1,075
California.....	27,359	Washington.....	7,149	West North Central.....	16,165
THERMOPLASTIC RESINS AND PLASTICS MATERIALS (28213)		Oregon.....	13,148	South Atlantic.....	8,204
United States, total....	1,311,505	California.....	21,167	North Carolina.....	1,075
New England.....	130,861	SYNTHETIC RESIN ADHESIVES, FROM RESINS PRODUCED IN THIS ESTABLISHMENTS (28215)		Georgia.....	3,562
Massachusetts.....	109,392	United States, total....	28,312	East South Central.....	4,180
Middle Atlantic.....	209,043	Northeast.....	7,635	West South Central.....	1,375
New York.....	34,998	East North Central.....	11,651	West.....	12,191
New Jersey.....	77,129	Illinois.....	3,525	PLASTICS AND RESIN MATERIALS, N.E.C. (28219)	
Pennsylvania.....	96,916	South.....	4,539	United States, total....	60,430
North Central.....	231,341	Pacific.....	4,487	Northeast.....	23,442
Ohio.....	81,449	SYNTHETIC RESINS FOR PROTECTIVE COATINGS (28216)		New York.....	8,970
Illinois.....	40,865	United States, total....	272,242	New Jersey.....	5,579
South Atlantic.....	190,666	New England.....	10,919	North Central.....	3,222
West Virginia.....	169,149			Ohio.....	1,948
North Carolina.....	3,911				

See footnotes at end of table.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963**—Continued

Product class and geographic area	Value of shipments 1963 ¹	Product class and geographic area	Value of shipments 1963 ¹	Product class and geographic area	Value of shipments 1963 ¹
PLASTICS AND RESIN MATERIALS, N.E.C., (28219)—Continued		RAYON YARN, VISCOSE AND CUPRAMMONIUM PROCESS (28232)		OTHER NONCELLULOSIC SYNTHETIC ORGANIC FIBERS (28242)	
th.....	32,677	United States, total....	398,613	United States, total....	472,179
ific.....	1,089	Northeast and North Central.	83,503	Northeast and North Central.	4,844
lifornia.....	1,089	South Atlantic.....	185,179	South Atlantic.....	315,049
		East South Central.....	129,931	Virginia.....	74,648
				East South Central.....	152,286

For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28211 and 30791-Rhode Island, Georgia, Kentucky, Tennessee, Alabama, Mississippi, Louisiana, and Texas; 28213-New Hampshire, Connecticut, Indiana, Michigan, Delaware, Virginia, Florida, Kentucky, Tennessee, Alabama, Mississippi, and California; 28214-Michigan, Wisconsin, Maryland, Virginia, South Carolina, Mississippi, and Texas; 28215-Massachusetts, New York, Pennsylvania, Ohio, West Virginia, North Carolina, and California; 28216-Massachusetts, Connecticut, Missouri, Maryland, West Virginia, Georgia, Florida, Tennessee, Alabama, Mississippi, and California; 28217-Rhode Island, Connecticut, Minnesota, Iowa, Maryland, Kentucky, Tennessee, Texas, and California; 28219-Vermont, Pennsylvania, Delaware, Maryland, West Virginia, and Mississippi; 28232-Massachusetts, Connecticut, New York, Pennsylvania, Ohio, Maryland, Virginia, West Virginia, North Carolina, and Georgia; 28232-Tennessee and Alabama; 28242-Pennsylvania, Michigan, Maryland, West Virginia, North Carolina, South Carolina, Florida, Tennessee, and Alabama.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Basis	Unit of measure	1963			1958		
				Consumption of materials received from other establishments		Materials made and consumed in same plant	Consumption of materials received from other establishments		Materials made and consumed in same plant
				Quantity	Delivered cost (\$1,000)		Quantity	Delivered cost (\$1,000)	
	Materials, containers, and supplies, total.....			(X)	1,259,573	(X)	(X)	907,321	(X)
281825	Acrylates and methacrylates, monomers.....	100%.....	1,000 lbs....	222,095	44,320	(D)	-	-	-
281820	Alcohols, except ethyl.....	.....	1,000 gals...	59,653	23,136	(X)	40,248	15,988	(X)
289501	Carbon black.....	.....	1,000 lbs....	7,844	1,176	-	-	-	-
281824	Cellulose acetate.....	100%.....	.....do.....	(D)	(1)	-	102,198	28,447	-
261128	Cotton pulp.....	Air dry...	Short tons...	2,035	542	(X)	5,024	1,465	(X)
291163	Extender oils of petroleum origin.....	.....	1,000 lbs....	153,474	4,755	(X)	(NA)	(NA)	(NA)
281823	Formaldehyde.....	37%HCHO...	.....do.....	491,225	17,070	239,156	381,895	13,874	132,960
284141	Glycerin.....	100%.....	.....do.....	73,614	13,130	-	60,076	16,259	(D)
281944	Hydrochloric acid.....	100%HCl...	Short tons...	13,993	707	8,422	36,754	3,167	(D)
	Liquefied refinery and petroleum gases:								
291157	Butadiene.....	100%.....	1,000 lbs....	80,597	9,628	-	73,780	9,846	(D)
291155	Ethylene.....	100%.....	...do.....	858,638	38,597	(D)	177,578	9,624	(D)
291158	Other, (including esopreme, propylene isobutylene, etc.).....	.....	...do.....	482,095	11,840	-	(NA)	(NA)	(NA)
281515	Melamine.....	100%.....	...do.....	59,372	12,179	(D)	52,896	12,464	-
281513	Phenol.....	100%.....	...do.....	222,779	23,075	58,375	194,462	29,727	(D)
281514	Phthalic anhydride.....	100%.....	...do.....	100,541	11,053	3,193	62,161	12,755	4,409
281835	Plasticizers.....	.....	...do.....	140,989	29,880	553	(NA)	23,538	4,426
281833	Rubber processing chemicals (accelerators antioxidants, blowing agent inhibitors, peptizers, etc.).....	.....	.....	(X)	4,850	-	-	-	-
284101	Soap and detergents.....	.....	1,000 lbs....	14,335	2,883	-	-	-	-
281238	Sodium hydroxide (caustic soda).....	100%NaOH...	Short tons...	221,607	12,680	(D)	158,009	10,182	-
281516	Styrene.....	100%.....	1,000 lbs....	724,859	68,968	(D)	457,099	57,782	(D)
281931	Sulfuric acid, except spent acid.....	100%H2SO4...	Short tons...	312,536	5,642	(D)	260,191	5,612	(D)
282130	Thermoplastic resins, including modified resins.....	.....	1,000 lbs....	450,392	71,230	350,151	-	-	-
282140	Thermosetting resins.....	Dry.....	.....do.....	41,150	12,805	128,680	-	-	-
281826	Urea.....	100%.....	.....do.....	123,995	5,712	(X)	95,464	5,870	(X)
281827	Vinyl acetate, monomer.....	100%.....	.....do.....	168,097	21,238	(D)	72,522	12,435	-
281828	Vinyl chloride, monomer.....	100%.....	.....do.....	742,062	54,678	142,701	289,501	34,705	168,071
261101	Wood pulp (excluding wood flour).....	Air dry...	Short tons...	224,662	38,030	(X)	205,489	38,029	(X)
260091	Paper and paperboard containers.....	.....	.....	(X)	33,609	(X)	(X)	13,672	(X)
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	686,160	(X)	-	551,880	(X)
Code	Material	Basis	Unit of measure	1963		1958			
				Quantity	Delivered cost	Quantity	Delivered cost		
	Materials, containers, and supplies, total.....			(X)	402,858	(X)	324,275		
281825	Acrylates and methacrylates, monomers.....	100%.....	1,000 lbs....	2,463	588	(NA)	(NA)		
289501	Carbon black.....	.....	...do.....	299,722	22,220	96,157	7,209		
291163	Extender oils of petroleum origin.....	.....	...do.....	401,175	8,101	(NA)	(NA)		
	Liquefied refinery and petroleum gases, total.....	Bbls. 42 gals.	1,000 bbls....	(X)	184,688	5,527	144,776		
291157	Butadiene.....	100%.....	1,000 lbs....	1,588,056	171,963	(NA)	(NA)		
291158	Other (including esoprene, propylene, isobutylene, etc., but excluding ethylene).....	.....	...do.....	417,838	12,725	(NA)	(NA)		

See footnotes at end of table.

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Basis	Unit of measure	1963		1958	
				Quantity	Delivered cost	Quantity	Delivered cost
INDUSTRY 2822.—SYNTHETIC RUBBER—Continued							
281833	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.).....	.....	.....	(X)	25,804	-	-
284101	Soap and detergents.....	.....	1,000 lbs.....	108,458	12,263	-	-
281238	Sodium hydroxide (caustic soda).....	.....	.....	(X)	1,161	-	-
281516	Styrene.....	100%.....	1,000 lbs.....	458,749	47,866	359,845	45,541
281931	Sulfuric acid, except spent acid.....	100%H2SO4.....	Short tons.....	25,695	435	-	-
281827	Vinyl acetate, monomer.....	100%.....	.....	-	-	-	-
260091	Paper and paperboard containers.....	.....	.....	(X)	6,985	-	-
970099	All other materials and components and supplies consumed.....	.....	.....	(X)	92,747	-	126,749
INDUSTRY 2823.—CELLULOSIC MAN-MADE FIBERS							
	Materials, containers, and supplies, total.....	.....	.....	(X)	295,291	(X)	292,989
281829	Acetic anhydride (net after recovery).....	100%.....	Short tons....	(D)	(1)	101,378	18,907
261128	Cotton pulp.....	Air dry.....	.....do.....	(D)	(1)	33,539	7,887
281238	Sodium hydroxide (caustic soda).....	100%NaOH.....	.....do.....	334,923	17,789	295,487	19,129
281931	Sulfuric acid, except spent acid.....	100%H2SO4.....	.....do.....	548,256	10,556	484,386	10,075
261101	Wood pulp (excluding wood flour).....	Air dry.....	.....do.....	606,055	106,927	523,094	105,025
260091	Paper and paperboard containers.....	.....	.....	(X)	7,861	-	6,886
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	152,158	-	125,080
INDUSTRY 2824.—ORGANIC FIBERS, NONCELLULOSIC							
	Materials, containers, and supplies, total.....	.....	.....	(X)	463,102	(X)	234,214
281238	Sodium hydroxide (caustic soda).....	100%NaOH.....	Short tons....	31,445	1,704	(NA)	(NA)
281931	Sulfuric acid, except spent acid.....	100%H2SO4.....	.....do.....	47,343	930	4,980	106
260091	Paper and paperboard containers.....	.....	.....	(X)	9,783	-	3,687
970099	All other materials and components, parts, containers, and supplies consumed.....	.....	.....	(X)	450,685	-	230,421

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Included in "All other materials and components" code 970099.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Plastics materials and resins (SIC 2821)	Synthetic rubber (SIC 2822)	Cellulosic man- made fibers (SIC 2823)	Organic fibers, noncellulosic (SIC 2824)
Total cost of purchased fuels and electric energy.....\$1,000..	47,795	16,467	23,026	20,665
Total cost of purchased fuels.....do....	26,283	9,669	21,240	13,914
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	1,549	(S)	2,868	(S)
Cost.....\$1,000..	11,198	(S)	17,292	(S)
Coke and breeze:				
Quantity.....1,000 short tons..	(S)	-	-	-
Cost.....\$1,000..	(S)	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42 gallons..	2,086	(S)	240	(S)
Cost.....\$1,000..	5,585	(S)	658	(S)
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	20,011	15,667	8,742	15,094
Cost.....\$1,000..	7,006	5,207	2,863	5,138
Other fuels.....do....	2,493	2,494	427	-
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	2,289	902	330	873
Cost.....\$1,000..	21,512	6,798	1,786	6,751
Generated less sold.....million kw.-hrs..	336	-	1,671	884
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	1,051	352	642	480
Prime movers, total.....do....	223	70	536	288
Driving generators.....do....	135	1	452	207
Not driving generators.....do....	88	69	84	81
Electric motors, total.....do....	953	282	499	352
Driven by purchased energy.....do....	829	282	107	192
Driven by energy generated at establishment.....do....	124	-	393	160
Aggregate horsepower per 100 production workers.....	2,662	4,547	2,351	2,064

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2821-	PLASTICS MATERIALS, SYNTHETIC RESINS, AND NONVULCANIZABLE ELASTOMERS										
	Entire industry.....	509	61,366	437,566	41,446	86,134	264,499	1,202,349	1,371,262	2,571,492	137,781
	Establishments with--										
	90% or more specialization..	401	31,385	218,958	20,910	43,416	127,944	642,976	723,157	1,362,455	79,473
	75-89% specialization.....	35	17,567	135,026	12,202	25,105	85,965	319,230	327,126	644,530	28,777
28211	Unsupported plastics film, sheets, sheetings, rods, tubes, and other stock shapes made from resins, produced in this establishment (primary product class of estab.)	7	3,557	23,897	2,497	5,227	14,897	80,970	56,780	136,172	8,045
28212	Regenerated cellulosic products, except rayon (primary product class of estab.).....	14	10,974	72,880	7,919	15,992	47,967	166,745	126,281	296,862	17,829
28213	Thermoplastic resins and plastics materials (primary product class of estab.).....	92	26,111	198,313	17,827	37,085	122,740	538,276	659,146	1,197,598	67,128
	Establishments with--										
	90% or more specialization....	56	7,411	56,947	4,533	9,441	31,032	174,134	215,637	384,699	21,396
28214	Thermosetting resins and plastics materials (primary product class of estab.).....	81	9,571	71,484	6,012	12,894	39,217	231,783	234,912	463,206	18,759
	Establishments with--										
	90% or more specialization....	40	3,380	24,592	2,320	5,013	14,943	77,682	79,391	155,049	8,014
	75-89% specialization.....	12	1,550	11,525	979	2,085	6,469	26,950	39,068	66,016	1,426
28215	Synthetic resins adhesives, from resins produced in this establishment (primary product class of estab.).....	15	405	2,561	145	295	759	6,225	11,905	17,787	(D)
	Establishments with--										
	90% or more specialization....	11	279	1,835	99	196	545	4,851	9,230	13,676	(D)
28216	Synthetic resins for protective coatings (primary product class of estab.).....	48	4,870	33,928	2,799	5,599	17,430	103,535	161,502	265,082	7,768
	Establishments with--										
	90% or more specialization....	23	503	3,331	341	703	1,985	9,764	23,504	32,679	2,390
	75-89% specialization.....	8	384	2,325	276	583	1,507	8,235	20,882	29,134	752
28217	Custom compounding of purchased resins (primary product class of estab.).....	166	3,794	23,386	2,564	5,518	13,108	50,852	96,267	146,543	4,725
	Establishments with--										
	90% or more specialization....	143	2,900	18,040	2,007	4,274	9,958	41,266	74,241	115,221	3,765
	75-89% specialization.....	8	268	1,729	176	338	855	3,373	4,212	7,498	271
28219	Plastics and resin materials, n.e.c. (primary product class of estab.).....	23	1,705	8,993	1,398	2,927	6,872	18,864	17,497	36,260	1,515
	Establishments with--										
	90% or more specialization....	13	484	2,701	413	865	1,968	5,321	7,123	12,445	788
2822-	SYNTHETIC RUBBER										
	Entire industry.....	24	11,840	93,507	7,844	15,915	56,615	329,520	435,355	763,891	32,328
	Establishments with--										
	90% or more specialization..	18	7,481	57,001	5,395	11,082	38,495	203,814	354,435	555,893	19,577
2823-	CELLULOSIC MAN-MADE FIBERS										
	Entire industry.....	19	30,086	167,028	24,015	48,114	120,492	411,529	320,028	731,815	38,129
	Establishments with--										
	90% or more specialization..	14	17,372	91,802	14,241	28,918	70,510	224,444	201,902	427,419	22,712
28231	Acetate yarn (primary product class of estab.).....	5	12,433	76,131	9,426	18,644	50,236	201,657	122,107	323,646	14,001

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
	CELLULOSIC MAN-MADE FIBERS—Continued										
28232	Rayon yarn, viscose, and cuprammonium process (primary product class of estab.).....	14	17,653	90,897	14,589	29,470	70,256	209,872	197,921	408,169	24,128
2824-	SYNTHETIC ORGANIC FIBERS, NONCELLULOSIC										
	Entire industry.....	25	41,421	275,809	28,385	57,240	161,042	922,001	487,777	1,403,178	170,323
28241	Polyamide fibers (nylon) except monofilament (primary product class of estab.).....	11	29,396	185,818	21,218	42,805	117,613	615,752	327,282	937,249	113,268
28242	Other noncellulosic synthetic organic fibers (primary product class of estab.).....	14	12,025	89,991	7,167	14,435	43,429	306,249	160,495	465,929	57,055

Standard Notes: - Represents zero.
applicable.
n.e.c. Not elsewhere classified.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

DRUGS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2831—Biological Products

2833—Medicinal Chemicals and Botanical Products

2834—Pharmaceutical Preparations

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2831—BIOLOGICAL PRODUCTS

This industry comprises establishments primarily engaged in the production of bacterial and virus vaccines, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use. Excluded are the activities of the American Red Cross, hospitals, and other institutions which are important collectors of blood and producers of blood products. For a detailed list of products of industry 2831, refer to table 6A, product codes 2831111 to 2831227.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Biological Products Industry totaled \$96 million. This amount included shipments of biological products (primary products) valued at \$75 million, shipments of other products (secondary products) valued at \$10 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$10 million.

This industry's shipments of biological products represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 89 percent. Secondary products shipped by this industry in 1963 consisted mainly of pharmaceutical preparations for veterinary use (\$8 million).

Shipments of biological products by this industry represented 45 percent of all shipments of these products (\$167 million) by all industries. In 1958 the coverage ratio was 41 percent. Other industries shipping biological products consisted mainly of industry 2834, Pharmaceutical Preparations.

2833—MEDICINAL CHEMICALS AND BOTANICAL PRODUCTS

This industry comprises establishments primarily engaged in the manufacture of bulk medicinal organic and inorganic chemicals and their derivatives and in processing (grading, grinding, and milling) bulk botanical drugs and herbs. For a detailed list of products of industry 2833, refer to table 6A, product codes 2833110 to 2833281.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Medicinals and Botanicals Industry totaled \$306 million. This amount included shipments of medicinal chemicals and botanical products (primary products) valued at \$203 million, shipments of other products (secondary products) valued at \$83 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$20 million.

This industry's shipments of medicinal chemicals and botanical products represented 71 percent of its total product shipments. The industry specialization ratio in 1958 was 72 percent. Secondary products shipped by this industry in 1963 consisted mainly of organic chemicals, n.e.c. (\$31 million).

Shipments of medicinal chemicals and botanical products by this industry represented 47 percent of all shipments of these products (\$434 million) by all industries. In 1958 the coverage ratio was 55 percent. Other industries shipping medicinal chemicals and botanical products consisted mainly of industry 2834, Pharmaceutical Preparations; and industry 2818, Organic Chemicals, N.E.C., \$42 million.

The production index for the primary products of the industry increased to 256 in 1963 from the 1958 level of 152. The unit value index for 1963 was 62 compared to 91 in 1958. Both indexes were computed on a basis of 1954 = 100.

2834—PHARMACEUTICAL PREPARATIONS

This industry comprises establishments primarily engaged in manufacturing, fabricating, or processing drugs into pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as tablets, capsules, ointments, solutions and suspensions. Products of this industry consist of two important lines; namely; (1) pharmaceutical preparations primarily advertised or otherwise promoted to or prescribed by the health professions: medical, dental, pharmaceutical, nursing, etc.; and (2) pharmaceutical preparations primarily advertised or otherwise promoted to the general public. For a detailed list of products of industry 2834, refer to table 6A, product codes 2834111 to 2834998.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Pharmaceutical Preparation Industry totaled \$3,314 million. This amount included shipments of pharmaceutical preparations (primary products) valued at \$2,820 million, shipments of other products (secondary products) valued at \$411 million, and miscellaneous receipts (mainly contract work on materials owned by others) at \$84 million.

This industry's shipments of pharmaceutical preparations represented 87 percent of its total product shipments. The industry specialization ratio in 1958 was also 87 percent. Secondary products shipped by this industry in 1963 consisted mainly of perfumes, cosmetics, and other toilet preparations (\$89 million), organic chemicals, n.e.c. (\$25 million), and surgical and medical instruments and apparatus (\$22 million).

Shipments of pharmaceutical preparations by this industry represented 94 percent of all shipments of these products (\$3,000 million) by all industries. In 1958 the coverage ratio was also 94 percent. Other industries shipping pharmaceutical preparations consisted mainly of industry 2844, Toilet Preparations; and industry 3842, Surgical Appliances and Supplies.

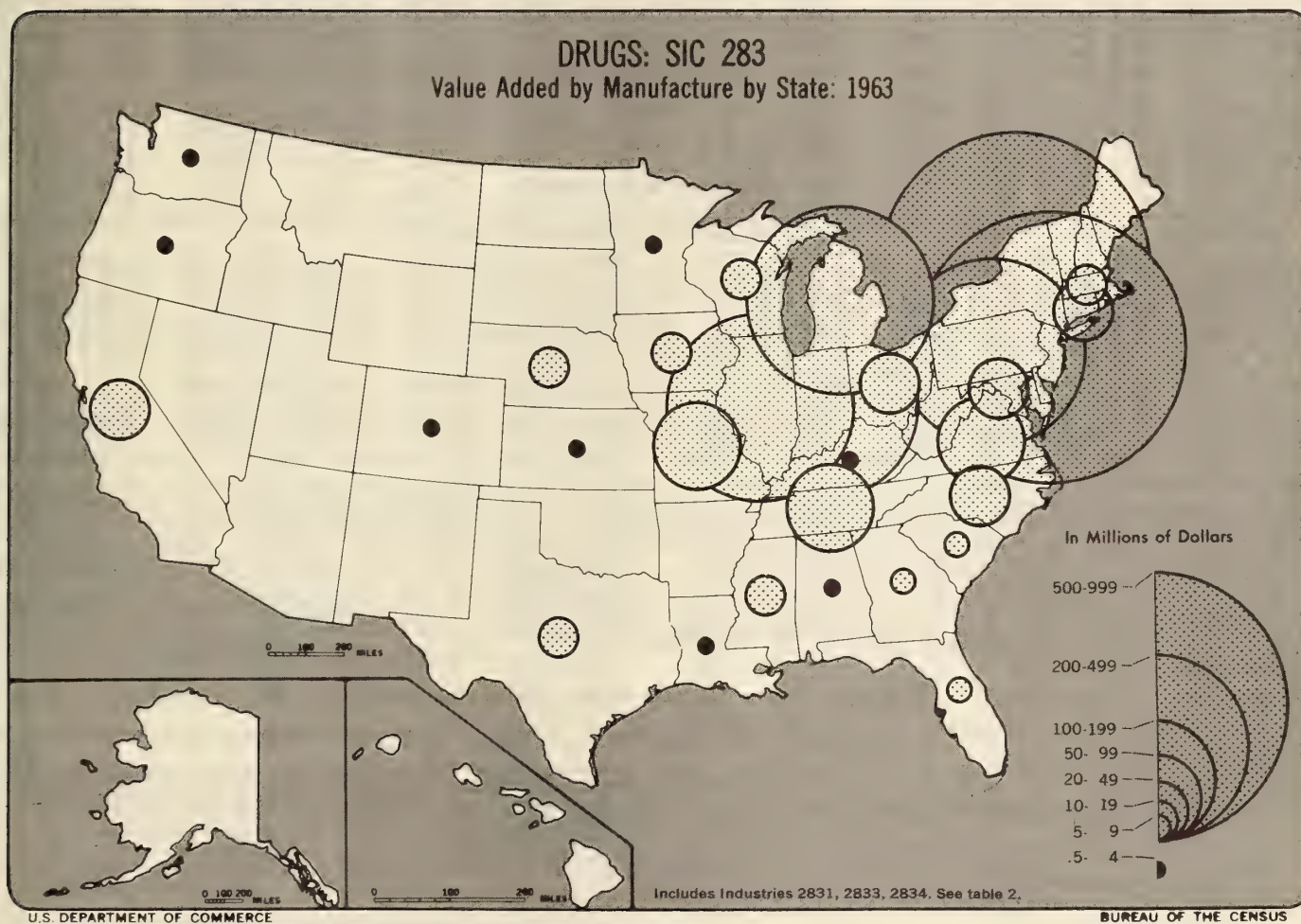


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Special- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)		
INDUSTRY 2831.—BIOLOGICAL PRODUCTS														
1963.....	102	113	40	5,789	33,813	3,649	7,228	17,032	60,377	38,250	95,744	10,091	88	45
1962 ¹	(NA)	(NA)	(NA)	5,892	32,470	3,820	7,458	16,512	63,527	42,744	103,180	5,672	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	5,696	29,994	3,669	7,082	15,719	65,741	36,792	100,588	5,470	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	5,442	27,789	3,357	6,770	14,437	58,979	32,931	91,022	5,162	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	4,117	19,516	2,799	5,612	10,888	46,572	24,116	68,404	(S)	(NA)	(NA)
1958.....	110	116	35	3,692	16,218	2,567	4,999	9,736	38,947	24,933	63,833	4,565	89	41
1957 ¹	(NA)	(NA)	(NA)	4,688	20,661	3,284	6,692	12,133	68,083	20,414	79,152	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	4,553	18,270	3,293	6,485	11,094	55,450	(S)	(S)	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	4,126	16,407	2,972	5,928	9,784	40,937	(S)	(S)	(S)	(NA)	(NA)
1954.....	86	93	43	3,965	15,789	2,864	5,722	9,333	39,384	28,578	66,555	2,510	86	65
1952 ¹	(NA)	(NA)	(NA)	3,101	11,320	2,125	(NA)	6,953	30,239	19,670	49,909	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	3,418	11,250	2,305	(NA)	7,176	29,975	22,424	52,399	(NA)	(NA)	(NA)
1947.....	79	84	(NA)	2,987	8,474	2,189	4,524	4,994	19,161	18,576	37,737	(NA)	87	57
1939.....	(NA)	80	(NA)	(NA)	(NA)	2,155	(NA)	2,085	12,046	7,403	19,449	(NA)	(NA)	(NA)
INDUSTRY 2833.—MEDICINALS AND BOTANICALS														
1963.....	122	138	42	8,128	59,324	5,325	11,134	33,606	151,297	155,525	305,793	13,951	71	47
1962 ¹	(NA)	(NA)	(NA)	9,010	63,031	5,691	12,075	34,215	158,924	151,770	295,595	17,858	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	8,583	55,989	5,590	11,525	30,859	156,410	137,162	284,191	15,059	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	11,662	78,175	7,347	15,314	40,434	210,208	153,542	351,118	25,367	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	12,048	78,895	7,745	16,341	42,744	212,426	165,873	368,965	38,031	(NA)	(NA)
1958.....	114	129	50	10,246	62,877	6,640	13,810	35,500	175,817	148,935	322,286	34,770	72	55
1954.....	107	115	40	11,541	56,872	7,743	16,229	33,345	143,297	138,128	281,013	12,948	69	59
1953 ¹	(NA)	(NA)	(NA)	16,308	77,391	11,469	(S)	49,153	219,444	149,276	368,720	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	19,245	86,376	13,150	28,091	52,378	212,207	158,974	371,181	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	22,549	93,033	15,839	33,557	60,053	258,647	201,349	459,996	(NA)	(NA)	(NA)
1947.....	(NA)	107	(NA)	13,097	42,220	9,920	21,074	29,277	119,525	98,631	218,156	14,190	73	74
1939.....	(NA)	37	(NA)	(NA)	(NA)	2,420	(NA)	3,130	15,090	13,594	28,684	(NA)	(NA)	(NA)
INDUSTRY 2834.—PHARMACEUTICAL PREPARATIONS														
1963.....	944	1,011	319	85,084	580,638	45,937	91,671	245,993	2,595,657	736,475	3,314,323	89,286	87	94
1962 ¹	(NA)	(NA)	(NA)	91,255	588,711	48,792	94,163	240,738	2,413,544	734,199	3,142,174	71,485	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	87,984	549,104	46,458	91,127	225,223	2,223,734	698,576	2,926,625	86,448	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	86,658	517,627	45,626	88,853	212,900	2,085,206	675,342	2,772,131	85,120	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	83,722	495,887	45,563	89,378	209,081	2,015,470	685,162	2,692,187	82,770	(NA)	(NA)
1958.....	(NA)	1,114	318	82,002	466,596	45,708	91,374	205,459	1,881,524	700,632	2,591,831	72,353	87	94
1954.....	1,128	1,163	316	76,555	353,769	47,320	95,123	173,324	1,182,246	517,084	1,700,490	40,303	91	94
1947.....	1,123	1,163	(NA)	65,413	185,497	42,338	85,085	98,494	608,625	332,665	941,290	(NA)	(NA)	(NA)
1939.....	(NA)	1,000	(NA)	(NA)	(NA)	19,637	(NA)	21,152	233,513	104,711	338,224	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2831.—BIOLOGICAL PRODUCTS													
Total.....	113	40	5,789	33,813	3,649	7,228	17,032	60,377	38,250	95,744	10,091	3,692	38,947
Northeast.....	22	5	426	2,250	302	597	1,159	3,362	2,729	5,952	1,791	351	2,899
North Central.....	54	20	3,007	17,926	1,940	3,833	9,872	32,722	21,966	52,979	7,136	2,352	27,529
Illinois.....	14	2	159	771	121	241	488	1,511	1,590	3,142	(D)	165	1,424
Nebraska.....	6	5	401	2,427	191	400	938	5,513	3,691	8,856	240	250	2,100
South.....	19	9	1,074	5,077	747	1,498	2,762	13,418	5,978	19,301	611	577	4,196
West.....	18	6	1,282	8,560	660	1,300	3,239	10,875	7,577	17,512	553	412	4,323
California.....	12	4	1,099	7,586	515	1,017	2,573	9,351	6,694	15,104	441	304	3,453
INDUSTRY 2833.—MEDICINALS AND BOTANICALS													
Total.....	138	42	8,128	59,324	5,325	11,134	33,606	151,297	155,525	305,793	13,951	10,246	175,817
Northeast.....	61	21	5,860	44,088	3,718	7,739	24,297	93,379	93,776	185,981	9,546	7,447	112,359
New York.....	23	6	857	7,187	411	814	2,667	14,228	15,635	29,350	2,705	734	12,686
New Jersey.....	21	10	2,039	14,875	1,311	2,755	8,183	36,324	38,683	73,780	2,271	4,232	62,023
North Central.....	36	17	1,367	9,038	1,011	2,179	5,774	26,744	42,289	69,258	3,168	1,530	18,479
Illinois.....	14	7	568	4,067	408	921	2,693	11,424	9,067	21,532	(D)	662	6,343
South.....	21	4	808	5,688	541	1,112	3,302	30,207	17,568	47,660	1,199	957	39,511
West.....	20	—	93	510	55	104	233	967	1,892	2,894	38	312	5,468
INDUSTRY 2834.—PHARMACEUTICAL PREPARATIONS													
Total.....	1,011	319	85,084	580,638	45,937	91,671	245,993	2,595,657	736,475	3,314,323	89,286	82,002	1,881,524
Northeast.....	391	138	42,516	296,468	23,770	48,048	131,208	1,498,821	394,927	1,885,478	60,738	39,135	1,029,189
New York.....	174	56	17,079	113,945	10,510	21,544	58,538	554,471	157,767	712,550	18,378	18,638	446,974
New Jersey.....	91	42	14,362	104,130	7,382	15,386	41,743	502,764	132,984	631,537	23,088	10,642	267,599
East North Central.....	199	67	27,965	200,777	14,384	28,290	83,764	796,952	205,032	996,156	18,600	29,801	625,392
Ohio.....	48	12	2,702	18,031	902	1,785	4,088	44,677	19,692	63,857	1,729	2,476	28,939
Indiana.....	23	7	10,507	85,165	5,189	10,535	32,701	299,389	57,651	353,106	8,013	10,674	240,910
Illinois.....	76	31	8,040	50,578	3,698	7,207	18,170	221,398	62,448	281,101	5,708	8,220	152,325
West North Central.....	92	30	4,076	24,835	2,109	4,247	9,760	84,498	46,199	130,482	2,474	4,042	77,092
Missouri.....	52	20	2,704	15,911	1,519	3,065	7,029	58,690	33,692	92,277	1,026	2,535	51,275
Nebraska.....	5	3	529	3,492	177	376	821	10,419	4,090	14,366	(D)	394	5,912
South Atlantic.....	98	25	3,708	22,055	1,919	3,526	6,732	96,050	36,674	130,940	3,857	2,663	58,274
Maryland.....	18	7	725	3,071	494	762	1,417	15,286	6,894	22,246	401	(²)	(²)
Georgia.....	9	2	268	1,210	169	343	574	5,133	2,384	7,562	404	(²)	(²)
East South Central.....	40	13	2,910	14,495	1,858	3,811	6,651	67,197	28,355	94,491	1,408	2,467	44,152
West South Central.....	58	12	1,027	5,808	386	754	1,390	13,230	6,104	19,180	646	793	7,806
Texas.....	39	11	943	5,424	341	668	1,238	12,281	5,385	17,438	604	683	6,475
West.....	133	34	2,882	16,200	1,511	2,995	6,488	38,909	19,184	57,596	1,563	3,101	39,619
Oregon.....	7	2	194	977	145	293	606	1,964	1,622	3,618	81	132	766
California.....	104	30	2,536	14,565	1,263	2,526	5,508	34,121	15,282	48,907	1,426	2,836	37,242

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2831, Biological Products: New England—Maine, 1 (1-19); Middle Atlantic—New York, 8 (20-99); New Jersey, 8 (20-99); Pennsylvania, 5 (250-499); East North Central—Ohio, 3 (1-19); Indiana, 4 (839); Michigan, 4 (586); Wisconsin, 4 (100-249); West North Central—Minnesota, 1 (1-19); Iowa, 5 (250-499); Missouri, 4 (381); South Dakota, 1 (20-99); Kansas, 8 (100-249); South Atlantic—Delaware, 1 (20-99); Maryland, 3 (250-499); Virginia, 2 (1-19); Georgia, 1 (1-19); Florida, 3 (294); East South Central—Alabama, 1 (20-99); West South Central—Louisiana, 2 (1-19); Oklahoma, 1 (1-19); Texas, 5 (100-249); Mountain—Colorado, 2 (100-249); Arizona, 1 (1-19); Pacific—Washington, 2 (20-99); Hawaii, 1 (1-19).

SIC 2833, Medicinals and Botanicals: New England—Massachusetts, 2 (1-19); Rhode Island, 1 (1-19); Connecticut, 5 (1,850); Middle Atlantic—Pennsylvania, 9 (1,000-2,499); East North Central—Ohio, 2 (20-99); Indiana, 4 (330); Michigan, 6 (143); Wisconsin, 2 (20-99); West North Central—Iowa, 1 (1-19); Missouri, 5 (199); Nebraska, 2 (20-99); South Atlantic—Maryland, 1 (1-19); Virginia, 4 (500-999); North Carolina, 2 (1-19); South Carolina, 1 (1-19); Georgia, 2 (100-249); Florida, 4 (1-19); East South Central—Kentucky, 1 (1-19); Tennessee, 2 (20-99); West South Central—Louisiana, 1 (1-19); Oklahoma, 1 (1-19); Texas, 2 (20-99); Mountain—Montana, 1 (1-19); Colorado, 2 (1-19); Pacific—Washington, 2 (1-19); California, 15 (20-99).

SIC 2834, Pharmaceutical Preparations: New England—Maine, 1 (1-19); New Hampshire, 2 (20-99); Vermont, 2 (20-99); Massachusetts, 31 (500-999); Rhode Island, 5 (1-19); Connecticut, 12 (643); Middle Atlantic—Pennsylvania, 72 (9,541); East North Central—Michigan, 35 (6,199); Wisconsin, 17 (517); West North Central—Minnesota, 16 (100-249); Iowa, 8 (599); South Dakota, 1 (1-19); Kansas, 10 (20-99); South Atlantic—Delaware, 2 (1-19); District of Columbia, 3 (1-19); Virginia, 15 (1,340); West Virginia, 1 (1-19); North Carolina, 18 (500-999); South Carolina, 7 (250-499); Florida, 25 (170); East South Central—Kentucky, 7 (20-99); Tennessee, 20 (1,000-2,499); Alabama, 6 (20-99); Mississippi, 7 (626); West South Central—Arkansas, 1 (1-19); Louisiana, 9 (20-99); Oklahoma, 9 (20-99); Mountain—Colorado, 6 (20-99); Arizona, 4 (1-19); Utah, 2 (1-19); Nevada, 1 (1-19); Pacific—Washington, 9 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in the size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Biological products (SIC 2831)	Medicinals and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)
Primary product specialization ratio ¹.....	.88	.71	.87
Coverage ratio ².....	.45	.47	.94
Establishments, total.....number..	113	138	1,011
With 1 to 19 employees.....do....	73	96	692
With 20 to 99 employees.....do....	24	27	198
With 100 employees or more.....do....	16	15	121
Proprietors and working partners.....do....	21	19	272
All employees (average for the year).....do....	5,789	8,128	85,084
Payroll (all employees), total for year.....\$1,000..	33,813	59,324	580,638
Production workers:			
Average for the year.....number..	3,649	5,325	45,937
March.....do....	3,684	5,384	45,276
May.....do....	3,753	5,202	45,572
August.....do....	3,658	5,406	46,156
November.....do....	3,501	5,308	46,744
Man-hours.....1,000..	7,228	11,134	91,671
January-March.....do....	1,808	2,774	22,887
April-June.....do....	1,880	2,805	22,908
July-September.....do....	1,795	2,707	22,351
October-December.....do....	1,745	2,848	23,525
Wages.....\$1,000..	17,032	33,606	245,993
Cost of materials, etc., total.....do....	38,250	155,525	736,475
Materials, parts, containers, and supplies consumed.....do....	31,818	134,710	670,926
Cost of resales.....do....	5,053	12,546	27,528
Fuels consumed.....do....	559	4,651	8,096
Electric energy:			
Purchased:			
Quantity.....million kw.-hrs..	56	299	967
Cost.....\$1,000..	712	3,171	10,917
Generated less sold.....million kw.-hrs..	-	(D)	44
Contract work.....\$1,000..	108	453	19,008
Value of shipments (including resales), total.....do....	95,744	305,793	3,314,323
Value of resales.....do....	8,190	18,248	71,574
Value added by manufacture, adjusted.....do....	60,377	151,297	2,595,657
Manufacturers' inventories:			
Beginning of year, total.....do....	25,895	68,685	406,779
Finished products.....do....	11,199	21,867	143,763
Work-in-process.....do....	7,828	24,812	94,397
Materials, supplies, fuel, etc.....do....	6,868	22,006	168,619
End of year, total.....do....	29,523	72,423	428,268
Finished products.....do....	11,901	21,600	153,430
Work-in-process.....do....	10,009	26,108	102,539
Materials, supplies, fuel, etc.....do....	7,613	24,715	172,299
Expenditures for plant and equipment, total.....do....	10,424	14,104	91,245
New, total.....do....	10,091	13,951	89,286
New structures and additions to plant.....do....	4,866	4,073	45,214
New machinery and equipment.....do....	5,225	9,878	44,075
Used plant and equipment.....do....	333	153	1,956
Selected operating ratios:			
Payroll/Total employment.....	5,841	7,299	6,824
Production workers/Total employment.....	.63	.66	.53
Man-hours/Production workers.....	1,981	2,090	1,996
Production worker wages/Man-hours.....	2.36	3.02	2.68
Cost of materials and payrolls/Total value of shipments....	.75	.70	.40
Cost of materials/Total value of shipments.....	.40	.51	.22
Adjusted value added/Total employment.....	10,430	18,614	30,507
Salaries and wages/Adjusted value added.....	.56	.39	.22

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2831.—BIOLOGICAL PRODUCTS											
Establishments.....number..	113	35	22	16	19	5	7	8	1	-	-
All employees:											
Total.....do....	5,789	56	149	212	547	345	1,192	<u>3,288</u>	(D)	-	-
Payroll.....\$1,000..	33,813	281	826	1,101	2,937	1,980	6,229	<u>20,459</u>	(D)	-	-
Value added, adjusted.....do....	60,377	865	1,729	2,230	7,130	2,187	14,812	<u>31,424</u>	(D)	-	-
Value of shipments.....do....	95,744	1,187	2,750	4,562	10,790	3,865	21,519	<u>51,071</u>	(D)	-	-
Capital expenditures, new...do....	10,091	<u>1,050</u>	231	232	414	323	1,092	<u>6,749</u>	(D)	-	-
INDUSTRY 2833.—MEDICINALS AND BOTANICALS											
Establishments.....number..	138	57	20	19	18	9	9	2	2	2	-
All employees:											
Total.....do....	8,128	110	143	260	523	598	1,356	<u>5,138</u>	(D)	(D)	-
Payroll.....\$1,000..	59,324	476	1,133	1,594	3,058	3,582	9,085	<u>40,396</u>	(D)	(D)	-
Value added, adjusted.....do....	151,297	1,009	2,257	5,183	12,413	7,697	27,004	<u>95,734</u>	(D)	(D)	-
Value of shipments.....do....	305,793	2,471	5,710	12,346	43,431	19,944	57,202	<u>164,689</u>	(D)	(D)	-
Capital expenditures, new...do....	13,951	109	128	172	324	926	1,726	<u>10,566</u>	(D)	(D)	-
INDUSTRY 2834.—PHARMACEUTICAL PREPARATIONS											
Establishments.....number..	1,011	461	122	109	135	63	61	24	19	11	6
All employees:											
Total.....do....	85,084	780	815	1,517	4,294	4,458	9,901	8,430	13,618	16,185	25,086
Payroll.....\$1,000..	580,638	3,153	3,663	7,422	23,140	23,712	56,148	50,638	92,328	121,470	198,964
Value added, adjusted.....do....	2,595,657	7,922	7,865	19,359	58,390	91,821	293,881	340,660	395,982	695,354	684,423
Value of shipments.....do....	3,314,323	13,676	13,537	33,862	97,399	134,512	409,060	439,042	508,581	841,765	822,889
Capital expenditures, new...do....	89,286	<u>213,919</u>	375	795	2,145	3,341	9,675	7,405	6,089	22,727	22,815

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures of approximately \$500-\$1,000 thousand for plants under construction but not in operation.²Includes capital expenditures of approximately \$10-\$15 million for plants under construction but not in operation.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
Col. B Col. B+C (percent)	Col. B Col. F (percent)									
(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)		
A	B	C	D	E	F	G	H	I		
2831	Biological products.....1963..	95,744	75,084	10,432	10,228	88	167,308	75,084	92,224	45
	.....1958..	63,833	49,009	5,962	8,862	89	119,469	49,009	70,460	41
2833	Medicinals and botanicals.....1963..	305,793	202,973	83,117	19,703	71	434,021	202,973	231,048	47
	.....1958..	322,286	214,559	83,830	23,897	72	391,148	214,559	176,589	55
2834	Pharmaceutical preparations..... 1963..	3,314,323	2,819,770	410,908	83,645	87	3,000,184	2,819,770	180,414	94
	.....1958..	2,591,831	2,209,891	314,470	67,470	87	2,344,620	2,209,891	134,729	94

NOTE: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products) (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Product code	Class of products and miscellaneous receipts	All industries	Biological products (SIC 2831)	Medicinals and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)	All other industries
	Total shipments and receipts of the industry.....	(X)	95,744	305,793	3,314,323	(X)
283--	Drugs.....	3,601,513	83,537	233,587	3,026,722	257,667
28311	Biological products for human use.....	125,315	43,918	-	(50-100)	(under 2)
28312	Biological products for veterinary use.....	40,657	29,974	(under 2)	10,071	(under 2)
28310	Biological products, n.s.k.....	1,336	1,192	-	(under 2)	(under 2)
28331	Synthetic organic medicinal chemicals in bulk (human and veterinary).....	367,836	(under 2)	162,211	105,000	¹ (over 100)
28332	Other medicinal chemicals and botanical products, n.e.c., in bulk.....	64,734	34	(20-50)	(10-20)	(10-20)
28330	Medicinals and botanicals, n.s.k.....	1,451	-	(under 2)	-	(under 2)
28341	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use.....	259,130	(under 2)	2,535	256,499	(under 2)
28342	Pharmaceutical preparations acting on the central nervous system and sense organs, for human use.....	755,777	(under 2)	(under 2)	695,763	² 59,490
28343	Pharmaceutical preparations acting on the cardiovascular system, for human use.....	143,566	(under 2)	(under 2)	142,512	(under 2)
28344	Pharmaceutical preparations acting on the respiratory system, for human use.....	283,065	(under 2)	(under 2)	280,177	2,863
28345	Pharmaceutical preparations acting on the digestive or genitourinary systems, for human use.....	402,825	(under 2)	(under 2)	381,672	³ 20,472
28346	Pharmaceutical preparations acting on the skin for human use..	160,296	-	(under 2)	129,919	(20-50)
28347	Vitamin, nutrient and hematinic preparations, for human use....	340,776	(under 2)	(under 2)	330,632	8,942
28348	Pharmaceutical preparations affecting parasitic and infective diseases for human use.....	520,071	(under 2)	(10-20)	487,608	⁴ 14,330
28349	Pharmaceutical preparations for veterinary use.....	110,379	7,630	7,347	91,053	4,349
28340	Pharmaceutical preparations, n.s.k.....	24,299	(under 2)	(under 2)	23,935	247
	Other products.....	(X)	1,979	52,503	203,956	(X)
20424	Other prepared animal feeds (including feeding materials and adjuncts).....	(X)	-	(2-5)	-	(X)
20716	Salted nuts and other confectionery-type products (coughdrops, glaces, etc.).....	(X)	-	-	(5-10)	(X)
20871	Flavoring extracts, emulsions, and other liquid flavors.....	(X)	-	(under 2)	2,189	(X)
20874	Other flavoring agents, except chocolate sirups.....	(X)	-	-	14,131	(X)
20999	Other food preparations, n.e.c.....	(X)	-	(under 2)	3,574	(X)
2818-	Organic chemicals, n.e.c.....	(X)	-	31,388	24,914	(X)
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.....	(X)	-	(2-5)	(under 2)	(X)
2843-	Surface active agents.....	(X)	-	(2-5)	-	(X)
28441	Shaving preparations.....	(X)	-	-	18,877	(X)
28442	Perfumes, toilet water, and colognes.....	(X)	-	-	4,054	(X)
28443	Hair preparations (including shampoos).....	(X)	-	-	9,296	(X)
28444	Dentifrices, including mouthwashes, gargles, and rinses.....	(X)	-	(under 2)	8,064	(X)
28445	Other cosmetics and toilet preparations.....	(X)	-	-	49,082	(X)
28790	Insecticidal and fungicidal preparations (formulations primarily for agricultural use).....	(X)	-	1,002	3,543	(X)
28912	Gelatin, except ready-to-eat desserts.....	(X)	-	-	(10-20)	(X)
23993	Essential oils, fireworks and pyrotechnics, chemical and chemical preparations, n.e.c.....	(X)	-	(under 2)	3,703	(X)
30794	Packaging and shipping containers, plastics.....	(X)	-	-	(2-5)	(X)
38410	Surgical and medical instruments and apparatus.....	(X)	(under 2)	-	22,095	(X)
	Other secondary products.....	(X)	(under 2)	5,886	15,262	(X)
	Miscellaneous receipts.....	(X)	10,228	19,703	83,645	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Includes \$41,567 thousand shipped by establishments classified in industry 2818, Organic Chemicals, N.E.C. Also includes an amount between \$2-\$5 million shipped by establishments classified in industry 2042, Prepared Animal Feeds; \$20-\$50 million classified in establishments classified in industry 2812, Alkalies and Chlorine; \$2-\$5 million in industry 2819, Inorganic Chemicals, N.E.C.; \$2-\$5 million in industry 2821, Plastics Materials and Resins; \$2-\$5 million in industry 2843, Surface Active Agents.

²Includes \$2-\$5 million shipped by establishments classified in industry 2815, Intermediate Coal Tar Products; and \$50-\$100 million by industry 2844, Toilet Preparations.

³Includes \$10-\$20 million shipped by establishments classified in industry 2073, Chewing Gum; and \$2-\$5 million by establishments classified in industry 2844, Toilet Preparations.

⁴Includes an amount over \$2 million shipped by establishments classified in industry 3842, Surgical Appliances and Supplies.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Value of shipments including interplant transfers - (\$1,000)				
		1963	1958			
2831- --	BIOLOGICAL PRODUCTS, TOTAL.....	167,308	119,469			
28311 --	Biological products for human use, total.....	125,315	83,123			
28311 11	For human use, including normal blood derivatives, whole blood, toxins, vaccines, allergenic extracts, viruses, etc.....	104,481	75,806			
28311 31	Bacteriological materials, including culture media.....	19,605	7,317			
28311 00	Biological products for human use, n.s.k.....	1,229	-			
28312 --	Biological products for veterinary use, total.....	40,657	35,467			
28312 11	Poultry.....	6,599	6,193			
28312 25	Livestock, excluding poultry.....	23,921	22,549			
28312 27	Pets and small animals.....	9,744	5,978			
28312 00	Biological products for veterinary use, n.s.k.....	393	747			
28310 00	Biological products, n.s.k.....	1,336	879			
2833- --	MEDICINAL CHEMICALS AND BOTANICAL PRODUCTS, TOTAL.....	434,021	391,148			
28331 --	Synthetic organic medicinal chemicals in bulk, total ¹	367,836	(NA)			
28331 10	Antibiotics, in bulk.....	127,667	(NA)			
28331 20	Other synthetic organic medicinal chemicals, in bulk, except antibiotics.....	240,169	(NA)			
28332 --	Other medicinal chemicals and botanical products, n.e.c. (bulk), total.....	64,734	(NA)			
28332 13	Botanical drugs and derivatives, in bulk (uncompounded).....	21,322	(NA)			
28332 21	Naturally occurring vitamins (from yeast, plants, fish liver, etc.) in bulk.....	12,309	(NA)			
28332 41	Drugs of animal origin, in bulk, including dried glands and other animal organs and tissue and extractions thereof.....	9,149	(NA)			
28332 61	Other organic medicinal chemicals, in bulk.....	14,495	(NA)			
28332 81	Inorganic medicinal chemicals, in bulk.....	5,772	(NA)			
28332 00	Other medicinal chemicals and botanical products, n.e.c., (bulk), n.s.k.....	1,687	(NA)			
28330 00	Medicinal chemicals and botanical products, n.s.k.....	1,451	(NA)			
	Product	1963			1958 value of shipments including interplant transfers (\$1,000)	
		Total (\$1,000)	Domestic shipments			Export shipments including those to foreign subsidiaries (\$1,000)
			Ethical (\$1,000)	Pro-prietary (\$1,000)		
2834- --	PHARMACEUTICAL PREPARATIONS:					
	As reported in the census of manufactures ³	3,000,184	(NA)	(NA)	(NA)	
	As reported in Current Industrial Reports M28G ³	2,993,052	2,054,897	836,166	101,989	
28341 --	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use:					
	As reported in the census of manufactures ³	259,130	(NA)	(NA)	(NA)	
	As reported in Current Industrial Reports M28G ³	274,196	261,615	(X)	12,581	
	Hormones and synthetic substitutes, total.....	264,564	(*)	(*)	(+)	
	Corticoids:					
28341 11	Systemic.....	62,860	57,995	(X)	4,865	
28341 15	Local and topical, including anti-infective combinations.....	43,164	39,811	(X)	3,353	
28341 17	Androgens.....	3,716	3,655	(X)	61	
28341 19	Estrogens.....	19,201	18,427	(X)	774	
28341 21	Insulin and antidiabetic agents.....	(4)	(4)	(X)	(4)	
28341 25	ACTH.....	5,535	(D)	(X)	(D)	
	Progestogens (excludes premenstrual tension preps. See Code 2834585):					
28341 27	Oral contraceptive preparations.....	37,717	37,242	(X)	475	
28341 29	Others.....					
28341 31	Sex hormone combinations (except progestogen combinations).....	4,622	4,556	(X)	66	
28341 35	Thyroid and antithyroid preparations, including iodides.....	8,800	8,732	(X)	68	
28341 37	Anabolic agents.....	5,603	(D)	(X)	(D)	
28341 39	Other hormone preparations.....	467,869	466,807	(X)	41,062	
	Antineoplastic agents:					
28341 43	Radioactive isotopes for internal use.....	2,323	(D)	(X)	(D)	
28341 45	Specific antineoplastic agents.....	3,154	2,589	(X)	565	
28341 98	Other pharmaceutical preparations affecting neoplasms, the endocrine system and metabolic diseases.....	9,632	8,804	(X)	828	
28341 00	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use, n.s.k.....					

See footnotes at end of table.

**TABLE 6A. Products and Product Classes—Value Shipped by All
Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	1963				1958 value of shipments including interplant transfers (\$1,000)
		Total (\$1,000)	Domestic shipments		Export shipments including those to foreign subsidiaries (\$1,000)	
			Ethical (\$1,000)	Pro- prietary (\$1,000)		
2834--	PHARMACEUTICAL PREPARATIONS—Continued					
28342 --	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use:					
	As reported in the census of manufactures ³	755,777	(NA)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	751,645	484,866	253,960	12,819	(NA)
28342 11	Parasympathomimetic agents (except miotics and mydriatics).....	(⁵)	(⁵)	(X)	(⁵)	(NA)
28342 13	Skeletal muscle relaxants.....	20,082	19,535	(X)	547	(NA)
	Internal analgesics and antipyretics:					
28342 21	Narcotic.....	32,133	31,987	(X)	146	(NA)
	Nonnarcotic, total.....	302,740	(*)	(*)	(*)	(NA)
28342 23	Salicylates, including acetylsalicylic acid.....	71,081	5,317	65,398	366	(NA)
28342 25	Aspirin combinations.....	133,473	13,885	118,347	1,241	(NA)
28342 27	Anti-arthritis (nonhormonal).....	8,506	7,771	721	14	(NA)
28342 29	Other internal analgesics and antipyretics, including effervescent types and suppositories.....	89,680	(D)	(D)	(D)	(NA)
28342 41	Anticonvulsants, except phenobarbital.....	10,986	10,805	(X)	181	(NA)
	Psychotherapeutic agents:					
28342 51	Antidepressants.....	18,966	18,318	(X)	648	(NA)
	Tranquilizers:					
28342 55	Phenothiazine derivatives.....	86,697	85,545	(X)	1,152	(NA)
28342 57	Other tranquilizers.....	110,435	108,734	(X)	1,701	(NA)
28342 59	Other psychotherapeutic agents.....	949	(D)	(X)	(D)	(NA)
28342 59	Central nervous system stimulants (respiratory and cerebral stimulants, including sympathomimetic agents employed mainly as CNS stimulants) (Excludes nondrug dietaries for weight control):					
28342 61	Amphetamines.....	48,630	48,141	(X)	489	(NA)
28342 63	Anorexiant, except amphetamines.....	10,491	9,491	(D)	(D)	(NA)
	Sedatives and hypnotics:					
	Ethical:					
28342 71	Barbiturates.....	25,567	24,902	(X)	533	(NA)
28342 75	Nonbarbiturates.....	12,613	12,555	(X)	58	(NA)
	Proprietary preparations:					
28342 77	Sleep inducers.....	9,392	(X)	(D)	(D)	(NA)
28342 79	Calming agents.....	2,282	(X)	(D)	(D)	(NA)
	Anesthetics (except urinary tract anesthetics and skin preparations used as antipruritics):					
28342 81	Local and topical.....	14,801	14,048	320	433	(NA)
28342 85	General.....	17,524	16,380	(D)	(D)	(NA)
	Eye and ear preparations (excluding anti-infectives, corticoids, and antibacterials and antiseptics):					
28342 91	Mydriatics and miotics.....	5,967	5,556	139	272	(NA)
28342 95	Other eye and ear preparations, including contact lens solutions....	7,965	2,648	5,029	288	(NA)
28342 98	Other pharmaceutical preparations acting on the central nervous system and the sense organs.....	513,425	510,899	52,494	5164	(NA)
28342 00	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use, n.s.k.....					
28343 --	Pharmaceutical preparations acting on the cardiovascular system, for human use:					
	As reported in the census of manufactures ³	143,566	(NA)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	148,719	144,753	(X)	3,966	(NA)
28343 11	Anticoagulants.....	8,652	8,577	(X)	75	(NA)
28343 21	Hemostatics.....	6,494	6,295	(X)	199	(NA)
28343 31	Digitalis preparations.....	5,597	5,529	(X)	68	(NA)
	Hypotensives, total.....	77,098	(*)	(X)	(*)	(NA)
28343 41	Rauwolfia—diuretic combinations.....	37,581	(D)	(X)	(D)	(NA)
28343 45	Rauwolfia.....	16,610	16,545	(X)	65	(NA)
28343 49	Other hypotensives.....	22,907	(D)	(X)	(D)	(NA)
	Vasodilators:					
28343 51	Coronary.....	24,348	23,422	(X)	926	(NA)
28343 55	Peripheral.....	10,758	10,356	(X)	402	(NA)
28343 98	Other pharmaceutical preparations acting on the cardiovascular system, including vasopressors, antiarrhythmics, and antiheparin agents.....	15,772	(D)	(X)	(D)	(NA)
28343 00	Pharmaceutical preparations acting on the cardiovascular system, for human use, n.s.k.....					

See footnotes, at end of table.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963				1958 value of shipments including interplant transfers (\$1,000)
		Total (\$1,000)	Domestic shipments		Export shipments including those to foreign subsidiaries (\$1,000)	
			Ethical (\$1,000)	Pro- prietary (\$1,000)		
2834-	PHARMACEUTICAL PREPARATIONS—Continued					
28344 --	Pharmaceutical preparations acting on the respiratory system, for human use:					
	As reported in the census of manufactures ³	283,065	(D)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	298,851	152,850	140,633	5,368	(NA)
28344 11	Antihistamines, except cold preparations and anti-emetics.....	33,460	28,248	(D)	(D)	(NA)
28344 15	Bronchial dilators, including antiasthmatics.....	24,687	24,018	(X)	669	(NA)
	Cough preparations and expectorants (containing antitussive or other ingredient intended primarily to treat cough only):					
	Ethical preparations:					
28344 21	Narcotic.....	22,612	22,415	(X)	197	(NA)
28344 25	Nonnarcotic.....	13,842	13,664	(X)	178	(NA)
	Cold preparations (containing combinations of the following ingredients, (but no antitussive) nasal decongestant, antihistamine, analgesic, bioflavanoid or antibiotic):					
	Ethical preparations, total.....	52,100	(*)	(X)	(*)	(NA)
28344 31	Nasal decongestants.....	32,524	32,254	(X)	270	(NA)
28344 35	Antihistamine cold preparations.....	12,779	(D)	(X)	(D)	(NA)
28344 39	Other ethical cold preparations.....	6,797	6,663	(X)	134	(NA)
28344 41	Cough and cold combinations (ethical).....	4,807	(D)	(X)	(D)	(NA)
	Cough and cold preparations (proprietary), total.....	138,134	(*)	(X)	(*)	(NA)
	Decongestants (including corticoid decongestants):					
28344 51	Nasal sprays.....	11,598	(X)	11,473	125	(NA)
28344 55	Nose drops.....	5,027	(X)	4,906	121	(NA)
28344 59	Other decongestants.....	8,203	(X)	(D)	(D)	(NA)
28344 61	Cough syrups.....	42,173	(X)	41,683	490	(NA)
28344 63	Capsules and tablets.....	36,761	(X)	36,604	157	(NA)
28344 65	Lozenges.....	12,207	(X)	11,995	212	(NA)
28344 67	Topical preparations.....	724	(X)	(D)	(D)	(NA)
28344 71	Cough drops ⁶	3,195	(X)	(D)	(D)	(NA)
28344 79	Other proprietary cough and cold preparations.....	18,246	(X)	(D)	(D)	(NA)
28344 98	Other pharmaceutical preparations acting on the respiratory system....	9,209	8,393	764	52	(NA)
28344 00	Pharmaceutical preparations acting on the respiratory system, for human use, n.s.k.....					
28345 --	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use:					
	As reported in the census of manufactures ³	402,825	(NA)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	410,911	283,417	118,040	9,454	(NA)
	Digestive system preparations:					
28345 11	Enzymes.....	10,812	10,229	166	417	(NA)
28345 15	Antacids, including acid neutralizing products with coating functions, but excluding effervescent salicylate products classified as analgesics.....	101,109	50,834	48,778	1,497	(NA)
28345 19	Antidiarrheals.....	27,559	(D)	(D)	728	(NA)
	Laxatives, total.....	64,702	(*)	(*)	(*)	(NA)
28345 21	Irritants.....	27,795	7,456	19,855	484	(NA)
28345 23	Bulk producing.....	12,451	8,796	3,482	173	(NA)
28345 25	Fecal softeners.....	8,140	5,022	2,989	129	(NA)
28345 27	Emollients.....	2,997	(D)	2,300	(D)	(NA)
28345 28	Saline.....	9,001	(D)	8,064	(D)	(NA)
28345 29	Enema specialties.....	4,318	(D)	(D)	(D)	(NA)
28345 31	Digestants.....	1,315	1,064	216	35	(NA)
28345 33	Bile therapy preparations, including bile products, cholagogues and cholagogues.....	5,260	4,998	114	148	(NA)
28345 35	Antinauseants—motion sickness remedies (anti-emetics), including antihistaminic anti-emetic preparations.....	18,072	17,390	(D)	(D)	(NA)
28345 37	Lipotropics and cholesterol reducers.....	4,943	4,580	116	247	(NA)
	Antispasmodics and anticholinergics, total.....	55,515	(*)	(*)	(*)	(NA)
28345 41	Synthetics.....	20,284	19,111	(X)	1,173	(NA)
28345 43	Ataractic combinations.....	16,758	16,630	(X)	128	(NA)
28345 45	Belladonna and derivatives.....	13,264	13,031	30	203	(NA)
28345 49	Other antispasmodics and anticholinergics.....	5,209	4,982	(D)	(D)	(NA)
28345 59	Other digestive system preparations, including emetics.....	3,204	3,023	171	10	(NA)
	Genito-urinary preparations:					
28345 61	Urinary antibacterials and antiseptics.....	20,921	20,339	38	544	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963				1958 value of shipments including interplant transfers (\$1,000)
		Total (\$1,000)	Domestic shipments		Export shipments including those to foreign subsidiaries (\$1,000)	
			Ethical (\$1,000)	Pro-prietary (\$1,000)		
2834-	PHARMACEUTICAL PREPARATIONS—Continued					
28345 --	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use—Continued					
	As reported in Current Industrial Reports M28G ³ —Continued					
	Genito-urinary preparations—Continued					
	Diuretics (Excludes aminophylline, xanthine and rauwolfia—diuretic combinations. See cardiovascular preparations):					
28345 71	Thiazides and related agents.....	47,955	47,146	(D)	(D)	(NA)
28345 73	Other diuretics.....	10,181	7,600	1,436	1,145	(NA)
28345 81	Oxytocics.....	3,457	3,215	(X)	242	(NA)
28345 83	Contraceptive agents, except oral contraceptives (aerosols, gels, and creams).....	11,687	(D)	(D)	344	(NA)
28345 85	Premenstrual tension preparations.....	3,785	1,454	(D)	(D)	(NA)
28345 87	Vaginal cleaners.....	8,435	(D)	5,564	(D)	(NA)
28345 98	Other pharmaceutical preparations acting on the genito-urinary system, including urinary tract anesthetics.....	9,510	9,163	216	131	(NA)
28345 00	Pharmaceutical preparations acting on the digestive or the genito-urinary systems, for human use, n.s.k.....	2,489	(D)	(D)	(D)	(NA)
28346 --	Pharmaceutical preparations acting on the skin, for human use:					
	As reported in the census of manufactures ³	160,296	(NA)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	171,911	63,995	105,723	2,193	(NA)
	Dermatological preparations, total.....	94,116	(*)	(*)	(*)	(NA)
28346 11	Emollients and protectives, including burn remedies and ointment bases.....	31,527	5,221	26,012	294	(NA)
28346 13	Antipruritics and local anesthetic skin preparations.....	17,463	11,030	6,178	255	(NA)
28346 15	Coal tar, sulfur, and resorcinol preparations.....	5,230	(D)	(D)	40	(NA)
28346 17	Anti-acne and antiseborrheic preparations.....	9,535	5,640	3,708	187	(NA)
28346 19	Other dermatological preparations.....	30,361	22,260	7,728	373	(NA)
28346 21	Hemorrhoidal preparations.....	18,943	6,563	12,201	179	(NA)
	External analgesics and counterirritants, total.....	44,648	(*)	(*)	(*)	(NA)
28346 31	Ointments, jellies, pastes, creams, cerates, and salves.....	22,993	2,234	20,449	310	(NA)
28346 35	Liquid (excluding rubbing alcohol but including linaments).....	11,209	796	10,197	216	(NA)
28346 37	Rubbing alcohol.....	7,357	1,593	5,754	10	(NA)
28346 39	Other external analgesics.....	3,089	(D)	(D)	(D)	(NA)
28346 98	Other pharmaceutical preparations acting on the skin.....	11,224	(D)	7,528	(D)	(NA)
28346 00	Pharmaceutical preparations acting on the skin, for human use, n.s.k..	2,980	(D)	(D)	-	(NA)
28347 --	Vitamin, nutriment and hematinic preparations for human uses:					
	As reported in the census of manufactures ³	340,776	(NA)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	328,478	205,950	109,921	12,607	(NA)
	Vitamins, total.....	202,768	(*)	(*)	(*)	(NA)
28347 11	Multivitamins, plain and with minerals, except B complex vitamins and fish liver oils.....	107,299	42,416	61,586	3,297	(NA)
28347 13	Pediatric vitamin preparations (drops, suspensions and chewable tablets).....	42,968	27,652	14,099	1,217	(NA)
28347 14	Prenatal vitamin preparations.....	13,810	12,155	897	758	(NA)
28347 15	B complex preparations.....	22,064	17,901	2,899	1,264	(NA)
28347 17	Fluoride preparations.....	16,627	9,247	6,614	766	(NA)
28347 19	All other vitamin preparations.....					
28347 21	Fish liver oils (cod, etc.).....	5,802	1,262	4,191	349	(NA)
28347 31	Nutrients, excluding therapeutic dietary foods and infant formulas....	5,400	4,268	850	282	(NA)
28347 41	Tonics and alternatives.....	5,257	2,258	(D)	(D)	(NA)
	Hematinics, total.....	55,172	(*)	(*)	(*)	(NA)
	With B ₁₂ :					
28347 51	Oral.....	18,790	16,664	452	1,674	(NA)
28347 53	Parenteral.....	8,653	8,108	(X)	545	(NA)
	Other hematinics:					
28347 55	Oral.....	24,915	(D)	(D)	494	(NA)
28347 57	Parenteral.....	2,814	2,424	(X)	390	(NA)
28347 61	Hospital solutions (includes dextran, etc., but excludes biologicals such as blood plasma).....	42,454	(D)	(X)	(D)	(NA)
28347 98	Other vitamin, nutrient and hematinic preparations.....	8,813	6,552	1,796	465	(NA)
28347 00	Vitamin, nutrient and hematinic preparations for human use, n.s.k....	2,812	(D)	(D)	-	(NA)
28348 --	Pharmaceutical preparations affecting parasitic and infective diseases, for human use:					
	As reported in the census of manufactures ³	520,071	(NA)	(NA)	(NA)	(NA)
	As reported in Current Industrial Reports M28G ³	496,886	398,198	58,333	40,355	(NA)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963				1958 value of shipments including interplant transfers (\$1,000)
		Total (\$1,000)	Domestic shipments (\$1,000)		Export shipments including those to foreign subsidiaries (\$1,000)	
			Ethical (\$1,000)	Pro-prietary (\$1,000)		
2834--	PHARMACEUTICAL PREPARATIONS—Continued Pharmaceutical preparations affecting parasitic and infective diseases, for human use—Continued As reported in Current Industrial Reports M28G ³ —Continued Anti-infective agents (Excludes corticoid-anti-infective combinations. See code 2834115): Amebacides and trichomonacides..... Anthelmintics..... Systemic antibiotic preparations, total..... Broad and medium spectrum (single or in combinations with other antibiotics, except penicillins)..... Penicillins (single): Injectable..... Other forms..... Penicillin—streptomycin and/or dihydrostreptomycin combinations.. Streptomycin and/or dihydrostreptomycin (single and combinations, except penicillin combinations)..... Antibiotics in combination with sulfonamides..... Other systemic antibiotic preparations..... Topical antibiotic preparations..... Tuberculostatic agents: Isoniazid (isonicotinic acid hydrazide) preparations..... Other antituberculars..... Antimalarials (plasmodicides)..... Sulfonamides, except antibiotic—sulfonamide combinations..... Antifungal preparations..... Other anti-infective agents..... Antibacterials and antiseptics: General..... Mouth and throat preparations..... Other pharmaceutical preparations affecting parasitic and infective diseases..... Pharmaceutical preparations affecting parasitic and infective diseases, for human use, n.s.k..... Pharmaceutical preparations for veterinary use: As reported in the census of manufactures ³ As reported in Current Industrial Reports M28G ³ Anesthetics..... Anthelmintics..... Antibiotics..... Antiseptics, wound dressings and fungicides..... Hematinics..... Hemostatics..... Hormones..... Intravenous solutions and electrolytes..... Nitrofurans..... Nutrients and tonics..... Parasiticides, external..... Sulfonamides..... Tranquilizers and ataractics..... Vitamins and minerals..... Other pharmaceutical preparations for veterinary use..... Pharmaceutical preparations for veterinary use, n.s.k..... Pharmaceutical preparations, except biologicals, n.s.k.: As reported in the census of manufactures ³ As reported in Current Industrial Reports M28G ³	7,919 4,981 331,482 215,754 25,457 45,399 8,045 7,149 7,764 21,914 17,332 1,176 3,094 3,481 38,796 17,573 3,793 12,746 51,981 2,532 110,379 104,923 359 7,168 33,914 4,613 1,864 211 3,964 2,259 (?) 1,924 3,344 8,731 910 16,978 718,684 24,299 6,532	7,715 (D) (*) 197,641 21,651 43,708 6,437 (D) (D) (D) 13,124 (D) (D) (D) 37,551 10,506 (D) 5,948 (D) 2,331 (NA) 53,251 351 2,541 26,365 2,283 (D) (D) (D) (D) 1,776 (?) 1,289 1,279 4,186 882 2,842 75,011 (NA) 6,002	- (D) (*) (X) (X) (X) (X) (X) (D) (X) 		

Footnotes on next page.

TABLE 6A. Products and Product Classes—Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Footnotes for Table 6A--28C

Definitions: Ethical—products primarily advertised or otherwise promoted to or prescribed by the health professions; medical, dental, pharmaceutical, nursing, etc. Proprietary—products primarily advertised or otherwise promoted to the general public.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

*Ethical, proprietary and export totals for these product groupings are not being published in order to permit the maximum publication of detailed product data.

¹Data on quantities produced and values shipped for many of the synthetic organic medicinal chemicals included in this grouping are shown in the United States Tariff Commission's annual report, "Synthetic Organic Chemicals, United States Production and Sales."

²A revision in the product structure of this industry was introduced in the 1963 Standard Industrial Classification so that the product statistics for the industry prior to 1963 are not directly comparable.

³1963 product detail appears in Current Industrial Reports Series M28G, "Pharmaceutical Preparations, Except Biologicals." The variations between the two sets of figures are due primarily to the following reasons:

- a. Use of different bases for reporting value. Product class shipments of pharmaceutical preparations reported in the census of manufactures represent net sales value (total sales dollars, less discounts, allowances, and returns) f.o.b. plant. The value includes a profit (or loss) normally assigned to the manufacturing establishment to cover only those costs attributable to the establishment. For example, sales costs by separately maintained sales organizations are excluded. The data shown in Current Industrial Reports Series M28G, however, include value attributed by sales distribution, advertising, direct promotion, and research whether or not directly attributable to the establishment. In cases where manufacturing, distribution, and sales operations are consolidated for accounting purposes for the establishment, the two values are comparable.
- b. Duplication—in order to avoid duplication of shipment figures, preparations shipped in bulk quantities which were repackaged at another location have been omitted from the commodity survey, but the shipments of the repackager have been included. The census figures also include the bulk shipments. The omitted bulk sales dollars from the commodity survey are as follows: Code 28341, \$10,542 million; code 28342, \$13,535 million; code 28343, \$5,330 million; code 28344, \$2,094 million; code 28345, \$5,661 million; code 28346, \$2,217 million; code 28347, \$21,366 million; code 28348, \$51,938 million; code 28349, \$5,782 million.

⁴Code 2834121 combined with 2834139.

⁵Code 2834211 and code 2834200 combined with 2834298.

⁶Cough drops selling at retail for 10 cents or less per package are coded as primary to industry 2071, "Confectionery Products."

⁷Code 2834941 combined with codes 2834998 and 2834900.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
283--	Drugs.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
2831-	Biological products.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)
2833-	Medicinal chemicals and botanical products ².....1963..	256	62
	.....1958..	152	91
28331	Synthetic organic medicinal chemicals in bulk.....1963..	206	63
	.....1958..	122	93
2834-	Pharmaceutical preparations.....1963..	(¹)	(¹)
	.....1958..	(¹)	(¹)

¹Not shown because comparable quantity data were not obtained for a significant portion of these products. In the case of pharmaceutical preparations (products of industry 2834), a further complication arises from the new-end-use product structure introduced in 1963.

²Unit value indexes are based largely on price movements of antibiotics and other products classified in product class 28331, with the production levels adjusted to reflect other medicinal chemicals and botanical products, n.e.c. (product class 28332).

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2831-	Biological products.....	167,308	156,107	129,299	121,101	128,403	119,469	79,909	56,397
28311	Biological products for human use.....	125,315	111,581	86,259	81,392	87,535	83,123	42,172	(NA)
28312	Biological products for veterinary use.....	40,657	43,527	41,661	38,797	39,938	35,467	36,021	(NA)
28310	Biological products, n.s.k.....	1,336	(S)	(S)	(S)	(S)	879	1,716	1,017
2833-	Medicinals and botanicals.....	434,021	459,155	446,220	403,756	390,696	391,148	282,071	210,184
28331	Synthetic organic medicinal chemicals, in bulk (human and veterinary).....	367,836	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28332	Other medicinal chemicals and botanical products, n.e.c., in bulk.....	64,734	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28330	Medicinals and botanicals, n.s.k.....	1,451	(S)	(S)	(S)	(S)	2,883	(NA)	(NA)
2834-	Pharmaceutical preparations.....	3,000,184	² 2,856,091	² 2,662,413	² 2,563,446	² 2,501,075	² 2,344,620	² 1,584,692	² 867,106
28341	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic diseases, for human use.....	259,130	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28342	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use.....	755,777	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28343	Pharmaceutical preparations acting on the cardiovascular system, for human use.....	143,566	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28344	Pharmaceutical preparations acting on the respiratory system, for human use.....	283,065	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28345	Pharmaceutical preparations acting on the digestive or the genite-urinary systems, for human use.....	402,825	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28346	Pharmaceutical preparations acting on the skin, for human use.....	160,296	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28347	Vitamin, nutrient and hematinic preparations for human use.....	340,776	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28348	Pharmaceutical preparations affecting parasitic and infective diseases, for human use.....	520,071	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28349	Pharmaceutical preparations for veterinary use.....	110,379	105,068	97,852	93,485	95,605	87,706	85,774	30,369
28340	Pharmaceutical preparations, n.s.k.....	24,299	(S)	(S)	(S)	(S)	49,748	26,546	23,152

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available (X) Not applicable. n.e.c. Not elsewhere classified n.s.k. Not specified by kind.

(S) Withheld because the estimates did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²A major revision in the classification of products classified in industry 2834, Pharmaceutical Preparations, was introduced in 1963, and therefore, prior data, for the most part, are not comparable at the product class level.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
BIOLOGICAL PRODUCTS FOR HUMAN USE (28311)	1963 ¹	1958	PHARMACEUTICAL PREPARATIONS AFFECTING NEOPLASMS, ENDOCRINE SYSTEM AND METABOLIC DISEASES FOR HUMAN USE (28341)	1963 ¹	PHARMACEUTICAL PREPARATIONS ACTING ON RESPIRATORY SYSTEM, FOR HUMAN USE (28344)	1963 ¹
United States, total....	125,315	83,123	United States, total....	259,130	United States, total....	283,065
Northeast.....	59,293	35,355	New England.....	1,132	New England.....	3,527
New Jersey.....	11,129	5,147	Middle Atlantic.....	118,735	Middle Atlantic.....	149,327
North Central.....	44,141	36,390	New York.....	44,740	New York.....	32,306
Illinois.....	1,344	2,420	North Central.....	132,806	New Jersey.....	59,600
South.....	9,633	4,227	South.....	4,481	Pennsylvania.....	57,421
West.....	12,248	7,151	West.....	1,976	East North Central.....	58,706
BIOLOGICAL PRODUCTS FOR VETERINARY USE (28312)	1963 ¹		California.....	1,676	Indiana.....	24,719
United States, total....	40,657		PHARMACEUTICAL PREPARATIONS ACTING ON CENTRAL NERVOUS SYSTEM AND SENSE ORGANS, FOR HUMAN USE (28342)		Illinois.....	7,306
Northeast.....	5,830		United States, total....	755,778	Michigan.....	23,250
East North Central.....	9,977		New England.....	14,500	West North Central.....	21,649
Illinois.....	1,149		Middle Atlantic.....	495,852	South Atlantic.....	40,174
West North Central.....	16,890		New York.....	84,252	East South Central.....	2,570
Iowa.....	4,698		New Jersey.....	233,369	West South Central.....	1,229
Nebraska.....	5,323		Pennsylvania.....	178,231	West.....	5,873
Kansas.....	1,761		East North Central.....	183,093	California.....	5,266
South and West.....	7,960		Indiana.....	117,323	PHARMACEUTICAL PREPARATIONS ACTING ON THE DIGESTIVE OR GENITO-URINARY SYSTEMS, FOR HUMAN USE (28345)	
Texas.....	1,869		Illinois.....	39,672	United States, total....	402,825
SYNTHETIC ORGANIC MEDICINAL CHEMICALS, IN BULK (HUMAN AND VETERINARY) (28331)			Michigan.....	15,824	New England.....	11,271
United States, total....	367,836		West North Central.....	8,214	Middle Atlantic.....	228,410
Northeast.....	189,255		Missouri.....	6,693	New York.....	84,361
New York.....	56,942		South Atlantic.....	34,078	New Jersey.....	75,761
New Jersey.....	98,051		North Carolina.....	10,902	Pennsylvania.....	68,288
East North Central.....	62,533		East South Central.....	8,978	East North Central.....	99,288
Indiana.....	17,904		West South Central.....	5,304	Ohio.....	14,693
Michigan.....	28,698		West.....	5,759	Indiana.....	12,521
West North Central.....	41,921		California.....	4,886	Illinois.....	56,567
South.....	70,639		PHARMACEUTICAL PREPARATIONS ACTING ON CARDIOVASCULAR SYSTEM, FOR HUMAN USE (28343)		West North Central.....	16,591
Texas.....	4,700		United States, total....	143,566	Missouri.....	15,567
Pacific.....	3,488		Northeast.....	112,604	South Atlantic.....	14,548
OTHER MEDICINAL CHEMICALS AND BOTANICAL PRODUCTS, N.E.C., IN BULK (28332)			New York.....	27,551	East South Central.....	20,442
United States, total....	64,734		New Jersey.....	51,364	West South Central.....	1,133
Northeast.....	30,098		Pennsylvania.....	32,822	Texas.....	1,086
New York.....	7,271		North Central.....	24,618	West.....	11,142
New Jersey.....	17,798		Ohio.....	1,920	California.....	10,137
East North Central.....	19,181		Illinois.....	11,230	PHARMACEUTICAL PREPARATIONS ACTING ON THE SKIN, FOR HUMAN USE (28346)	
Illinois.....	9,895		Michigan.....	2,920	United States, total....	160,296
West North Central.....	8,687		South.....	2,755	New England.....	5,753
South.....	4,613		West.....	3,589	Middle Atlantic.....	85,131
Pacific.....	2,155		California.....	2,946	New York.....	43,072
California.....	2,155				New Jersey.....	34,825
					Pennsylvania.....	7,234

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
PHARMACEUTICAL PREPARATIONS ACTING ON THE SKIN, FOR HUMAN USE (28346)—Con.	1963 ¹	VITAMIN, NUTRIENT AND HEMATINIC PREPARATIONS, FOR HUMAN USE (28347)—Con.	1963 ¹	PHARMACEUTICAL PREPARATIONS AFFECTING PARASITIC AND INFECTIVE DISEASES, FOR HUMAN USE (28348)—Con.	1963 ¹
East North Central.....	41,334	East North Central.....	163,074	South.....	4,495
Indiana.....	13,062	Indiana.....	63,597	Texas.....	1,477
Illinois.....	19,995	Illinois.....	44,923	West.....	1,305
Michigan.....	6,235	Michigan.....	44,525	California.....	1,096
West North Central.....	12,225	West North Central.....	12,303	PHARMACEUTICAL PREPARATIONS FOR VETERINARY USE (28349)	
South Atlantic.....	2,827	Minnesota.....	2,983	United States, total...	110,379
Maryland.....	1,326	Missouri.....	9,010	New England.....	1,574
East South Central.....	8,700	South Atlantic.....	12,902	Middle Atlantic.....	36,082
Tennessee.....	8,645	East South Central.....	13,980	New York.....	15,957
West South Central.....	2,267	West South Central.....	1,328	New Jersey.....	15,689
West.....	2,059	West.....	22,003	Pennsylvania.....	4,436
California.....	1,770	California.....	20,385	East North Central.....	29,751
VITAMIN, NUTRIENT AND HEMATINIC PREPARATIONS, FOR HUMAN USE (28347)		PHARMACEUTICAL PREPARATIONS AFFECTING PARASITIC AND INFECTIVE DISEASES, FOR HUMAN USE (28348)		Illinois.....	4,044
United States, total....	340,776	United States, total...	520,071	West North Central.....	33,212
Northeast.....	115,146	Northeast.....	341,066	Iowa.....	14,259
Massachusetts.....	1,204	New York.....	209,429	Missouri.....	11,785
New York.....	62,395	New Jersey.....	57,905	Nebraska.....	5,652
New Jersey.....	31,913	North Central.....	173,205	South.....	7,644
		Illinois.....	22,932	West.....	2,116
		Michigan.....	87,558		

N.e.c. Not elsewhere classified.

¹For the specified product classes, shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28311, New York, Pennsylvania, Indiana, Michigan, Maryland, Florida, and California; 28312, New York, New Jersey, Indiana, Wisconsin, Missouri, Maryland, Colorado, and California; 28331, Rhode Island, Connecticut, Pennsylvania, Ohio, Illinois, Missouri, Virginia, West Virginia, Georgia, Kentucky, Tennessee, and California; 28332, Pennsylvania, Ohio, Indiana, Wisconsin, Iowa, Missouri, and Tennessee; 28341, Connecticut, New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Michigan, Tennessee, and Texas; 28342, Massachusetts, Connecticut, Ohio, Nebraska, Maryland, Virginia, West Virginia, Tennessee, and Texas; 28343, Indiana and Tennessee; 28344, Connecticut, Ohio, Missouri, Nebraska, Virginia, North Carolina, Georgia, Florida, Tennessee, and Texas; 28347, Connecticut, Pennsylvania, Ohio, Wisconsin, Virginia, South Carolina, Georgia, Tennessee, Mississippi, and Oregon; 28348, Connecticut, Pennsylvania, Ohio, Indiana, Missouri, and Virginia; 28349, Ohio, Indiana, Michigan, Virginia, Texas, and California.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	1963 delivered cost (\$1,000)	Code	Material	1963 delivered cost (\$1,000)
INDUSTRY 2831.—BIOLOGICAL PRODUCTS			INDUSTRY 2833.—MEDICINALS AND BOTANICALS		
	Materials, containers, and supplies, total.....	31,818	283318	Antibiotics for human and veterinary use (exclude antibiotics for animal food).....	134,710
265011	Containers:		283301	Vitamins, natural and synthetic, bulk (exclude vitamins for animal feeds).....	6,545
265011	Paperboard boxes containers.....	1,927			5,998
322102	Glass.....	3,211	265011	Containers:	
340001	Metal.....	55	322102	Paperboard boxes and containers.....	2,516
307901	Plastic.....	504	340001	Glass.....	328
			307901	Metal.....	500
970099	All other materials and components, parts, containers, and supplies consumed.....	23,734		Plastic.....	89
976000	Materials, containers, and supplies, n.s.k.....	2,387	970099	All other materials and components, parts, containers, and supplies consumed.....	116,138
			976000	Materials, containers, and supplies, n.s.k.....	2,596
Material				Delivered cost (\$1,000)	
				1963	1958
				INDUSTRY 2834.—PHARMACEUTICAL PREPARATIONS	
	Materials, containers, and supplies, total.....			670,926	636,450
283318	Antibiotics for human and veterinary use (exclude antibiotics for animal feed).....			26,600	(NA)
283317	Sulfa drugs, bulk.....			12,042	(NA)
283301	Vitamins, natural and synthetic, bulk (exclude vitamins for animal feeds).....			36,094	(NA)
	Containers:				
265011	Paperboard boxes and containers.....			55,103	38,895
322102	Glass.....			73,044	52,758
340001	Metal.....			20,558	15,236
307901	Plastic.....			20,336	8,024
970099	All other materials and components, parts, containers, and supplies consumed.....			390,683	437,889
976000	Materials, containers, and supplies, n.s.k.....			36,466	83,648

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Biological products (SIC 2831)	Medicinals and botanicals (SIC 2833)	Pharmaceutical preparations (SIC 2834)
Total cost of purchased fuels and electric energy.....\$1,000..	1,344	8,166	18,851
Total cost of purchased fuels.....do..	679	4,869	7,890
Bituminous coal, lignite, and anthracite:			
Quantity.....1,000 short tons..	(S)	274	255
Cost.....\$1,000..	(S)	1,419	2,119
Coke and breeze:			
Quantity.....1,000 short tons..	-	-	-
Cost.....\$1,000..	-	-	-
Fuel oil (distillate and residual):			
Quantity.....1,000 barrels of 42 gallons..	46	1,140	965
Cost.....\$1,000..	160	2,748	2,657
Gas (natural, manufactured, still, blast furnace, and coke oven):			
Quantity.....million cu. ft..	552	1,256	4,263
Cost.....\$1,000..	319	475	2,035
Other fuels.....do..	112	227	1,079
Electric energy:			
Purchased:			
Quantity.....million kw. hrs..	48	302	949
Cost.....\$1,000..	665	3,297	10,961
Generated less sold.....million kw. hrs..	-	127	41
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31) total.....1,000 hp..	13	174	495
Prime movers, total.....do..	2	63	43
Driving generators.....do..	1	31	15
Not driving generators.....do..	1	32	28
Electric motors, total.....do..	12	148	465
Driven by purchased energy.....do..	12	111	452
Driven by energy generated at establishment.....do..	-	37	13
Aggregate horsepower per 100 production workers.....	340	3,057	1,015

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: the standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2831-	BIOLOGICAL PRODUCTS										
	Entire industry.....	113	5,789	33,813	3,649	7,228	17,032	60,377	38,250	95,744	10,091
	Establishments with—										
	90% or more specialization..	96	3,892	24,006	2,466	4,996	12,028	38,491	24,514	61,602	8,235
	75-89% specialization.....	5	686	3,323	454	904	1,768	7,731	3,619	11,237	321
28311	Biological products for human use.	46	3,362	20,485	2,115	4,243	10,172	31,092	18,292	48,114	7,310
	Establishments with—										
	90% or more specialization....	38	2,166	12,989	1,506	3,050	7,575	21,445	11,909	32,255	6,815
28312	Biological products for veterinary use.....	42	2,324	12,917	1,468	2,853	6,633	28,473	19,444	46,323	1,718
	Establishments with—										
	90% or more specialization....	31	602	3,467	412	856	1,803	7,096	5,672	12,238	816
2833-	MEDICINALS AND BOTANICALS										
	Entire industry.....	138	8,128	59,324	5,325	11,134	33,606	151,297	155,525	305,793	13,951
	Establishments with—										
	90% or more specialization..	103	2,179	14,607	1,491	3,161	8,333	55,188	63,806	118,195	4,290
	75-89% specialization.....	8	1,752	12,807	1,143	2,241	7,153	31,222	25,195	55,895	2,340
28331	Synthetic organic medicinal chemicals, in bulk (human and veterinary).....	53	6,751	51,420	4,441	9,174	29,364	124,152	123,247	248,053	12,690
	Establishments with—										
	90% or more specialization....	35	1,556	11,003	1,080	2,214	6,411	43,876	52,887	96,374	4,013
28332	Other medicinal chemicals and botanical products, n.e.c., in bulk..	48	1,270	7,471	812	1,814	3,978	26,383	31,580	56,246	1,196
	Establishments with—										
	90% or more specialization....	30	509	3,026	338	800	1,638	10,337	9,779	19,641	151
2834-	PHARMACEUTICAL PREPARATIONS										
	Entire industry.....	1,011	85,084	580,638	45,937	91,671	245,993	2,595,657	736,475	3,314,323	89,286
	Establishments with—										
	90% or more specialization..	895	45,075	297,643	23,358	45,688	119,427	1,446,578	401,077	1,838,252	37,489
	75-89% specialization.....	35	23,201	170,527	12,742	25,964	76,448	614,316	165,955	775,541	19,102
28341	Pharmaceutical preparations affecting neoplasms, endocrine and metabolic diseases, for human use.	32	4,730	34,966	2,512	4,738	15,888	185,617	47,602	232,636	2,901
	Establishments with—										
	90% or more specialization....	13	173	744	69	130	248	3,108	1,173	4,264	138
28342	Pharmaceutical preparations acting on the central nervous system and sense organs, for human use.....	109	27,205	208,285	13,105	26,783	76,099	936,834	197,247	1,128,043	26,862
	Establishments with—										
	90% or more specialization....	37	1,386	7,345	1,083	2,151	5,106	55,952	15,368	70,492	1,483
	75-89% specialization.....	7	267	1,226	99	187	294	4,354	2,186	6,537	45
28343	Pharmaceutical preparations acting on the cardiovascular system, for human use.....	18	2,224	14,413	1,058	1,977	4,639	56,095	12,719	69,891	2,168
28344	Pharmaceutical preparations acting on the respiratory system, for human use.....	70	5,461	33,899	2,445	4,791	11,819	146,897	48,114	193,600	4,761
	Establishments with—										
	90% or more specialization....	30	397	2,118	224	388	875	14,130	3,500	17,631	207
28345	Pharmaceutical preparations acting on the digestive or the genito-urinary systems, for human use...	107	11,211	77,100	5,181	9,995	25,485	385,024	93,256	472,814	13,560
	Establishments with—										
	90% or more specialization....	48	1,653	10,816	949	1,837	4,697	62,987	17,389	80,953	2,189
28346	Pharmaceutical preparations acting on the skin, for human use.....	127	2,144	11,357	1,326	2,651	5,070	38,055	24,067	62,036	1,206
	Establishments with—										
	90% or more specialization....	80	439	2,291	263	511	1,004	6,015	3,934	10,054	146
	75-89% specialization.....	8	215	1,391	115	226	463	5,767	1,918	7,639	78

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2834-	PHARMACEUTICAL PREPARATIONS—Continued										
28347	Vitamin, nutrient and hematinic preparations for human use.....	154	12,746	71,341	7,798	15,476	35,963	259,282	117,245	372,489	9,281
	Establishments with—										
	90% or more specialization....	60	634	3,135	421	826	1,729	9,738	4,969	14,691	343
	75-89% specialization.....	19	776	4,921	534	1,023	2,802	8,483	9,463	18,162	129
28348	Pharmaceutical preparations affecting parasitic and infective diseases, for human use.....	31	15,422	108,915	10,331	21,042	62,551	531,236	149,958	679,542	12,480
28349	Pharmaceutical preparations for veterinary use.....	70	2,323	13,629	1,166	2,321	4,990	39,571	36,057	75,739	1,701
	Establishments with—										
	90% or more specialization....	44	872	5,044	429	859	1,827	15,487	11,817	27,123	301

n.e.c. Not elsewhere classified.

CLEANING AND TOILET PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

- 2841—Soap and Other Detergents, Except Specialty Cleaners
- 2842—Specialty Cleaning, Polishing, and Sanitation Preparations, Except Soap and Detergents
- 2843—Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants
- 2844—Perfumes, Cosmetics, and Other Toilet Preparations

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2841—SOAP AND OTHER DETERGENTS, EXCEPT SPECIALTY CLEANERS

This industry comprises establishments primarily engaged in the manufacture of soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. For a detailed list of products of industry 2841, refer to table 6A, product codes 2841111 to 2841653.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Soap and Other Detergents Industry in 1963 totaled \$2,128 million. This amount included shipments of soap and other detergents, except specialty cleaners, (primary products) valued at \$1,631 million, shipments of other products (secondary products) valued at \$360 million, and miscellaneous receipts, at \$136 million.

This industry's shipments of soap and other detergents, except specialty cleaners, in 1963 represented 82 percent of its total product shipments. The industry specialization ratio in 1958 was 86 percent. Secondary products shipped by this industry in 1963 consisted mainly of specialty cleaning and sanitation products (\$68 million), and inorganic chemicals, n.e.c. (\$49 million).

Shipments of soap and other detergents, except specialty cleaners, by this industry in 1963 represented 92 percent of all shipments of these products (\$1,781 million) by all industries. In 1958 the coverage ratio was 91 percent. Other industries shipping soap and detergents consisted mainly of industry 2842, Polishes and Sanitation Goods, \$40 million; and industry 2819, Inorganic Chemicals, N.E.C.

The production index for the primary products of the industry increased to 160 in 1963 from the 1958 level of 125. The unit value index for 1963 was 106 compared to 108 in 1958. Both indexes were computed on a basis of 1954 = 100.

2842—SPECIALTY CLEANING, POLISHING, AND SANITATION PREPARATIONS, EXCEPT SOAP AND DETERGENTS

This industry comprises establishments primarily engaged in the manufacture of furniture and automobile body polish and cleaners, floor polish and shoe polishes and cleaners; dressings and finishes for fabricated leather and other materials; household insecticides and repellants and industrial exterminants; household, institutional, and industrial plant disinfectants and deodorants; fabric softeners and laundry starch preparations; and other sanitation preparations. For a detailed list of products of industry 2842, refer to table 6A, product codes 2842112 to 2842498.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Polishes and Sanitation Goods Industry in 1963 totaled \$757 million. This amount included shipments of specialty cleaning, polishing and sanitation preparations, except soap and detergents (primary products) valued at \$541 million, shipments of other products (secondary products) valued at \$120 million, and miscellaneous receipts, at \$96 million.

This industry's shipments of specialty cleaning, polishing, and sanitation preparations, except soap and detergents, in 1963 represented 82 percent of its total product shipments. The industry specialization ratio in 1958 was 84 percent. Secondary products shipped by this industry in 1963 consisted mainly of soap and other detergents, except specialty cleaners, (\$40 million) essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c. (\$16 million).

Shipments of specialty cleaning, polishing, and sanitation preparations, except soap and detergents, by this industry in 1963 represented 72 percent of all shipments of these products (\$748 million) by all industries. In 1958 the coverage ratio was 80 percent. Other industries shipping polishes and sanitation preparations consisted mainly of industry 2841, Soap and Other Detergents, and industry 2046, Wet Corn Milling.

2843—SURFACE ACTIVE AGENTS, FINISHING AGENTS, SULFONATED OILS, AND ASSISTANTS

This industry comprises establishments primarily engaged in the manufacture of surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included. For a detailed list of products of industry 2843, refer to table 6A, product codes 2843011 to 2843091.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Surface Active Agents Industry in 1963 totaled \$178 million. This amount included shipments of surface active agents, finishing

agents, sulfonated oil, and assistants (primary products) valued at \$132 million, shipments of other products (secondary products) valued at \$33 million, and miscellaneous receipts at \$12 million.

This industry's shipments of surface active agents, finishing agents, sulfonated oil, and assistants in 1963 represented 80 percent of its total product shipments. The industry specialization ratio in 1958 was also 80 percent. Secondary products shipped by this industry in 1963 consisted mainly of organic chemicals, n.e.c. (\$13 million), and thermosetting resins and plastics materials.

Shipments of surface active agents, finishing agents, sulfonated oil, and assistants by this industry in 1963 represented 47 percent of all shipments of these products (\$284 million) by all industries. In 1958 the coverage ratio was 45 percent. Other industries shipping surface active agents, finishing agents, sulfonated oil, and assistants consisted mainly of industry 2818, Organic Chemicals, N.E.C., \$45 million; and industry 2841, Soap and Other Detergents, \$23 million.

2844—PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

This industry comprises establishments primarily engaged in the manufacture of perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in industry 2818, and essential oils in industry 2899. For a detailed list of products of industry 2844, refer to table 6A, product codes 2844131 to 2844598.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Toilet Preparations Industry in 1963 totaled \$1,793 million. This amount included shipments of perfumes, cosmetics, and other toilet preparations (primary products) valued at \$1,566 million, shipments of other products (secondary products) valued at \$146 million, and miscellaneous receipts (mainly contract work on materials owned by others), at \$81 million.

This industry's shipments of perfumes, cosmetics, and other toilet preparations in 1963 represented 91 percent of its total product shipments. The industry specialization ratio in 1958 was also 91 percent. Secondary products shipped by this industry in 1963 consisted mainly of pharmaceutical preparations (\$85 million) and soaps, except specialty cleaners, household (\$13 million).

Shipments of perfumes, cosmetics, and other toilet preparations by this industry in 1963 represented 84 percent of all shipments of these products (\$1,859 million) by all industries. In 1958 the coverage ratio was 81 percent. Other industries shipping perfumes, cosmetics, and other toilet preparations consisted mainly of industry 2834, Pharmaceutical Preparations, over \$80 million; and industry 2841, Soap and Other Detergents.

CLEANING AND TOILET GOODS: SIC 284 **Value Added by Manufacture by State: 1963**

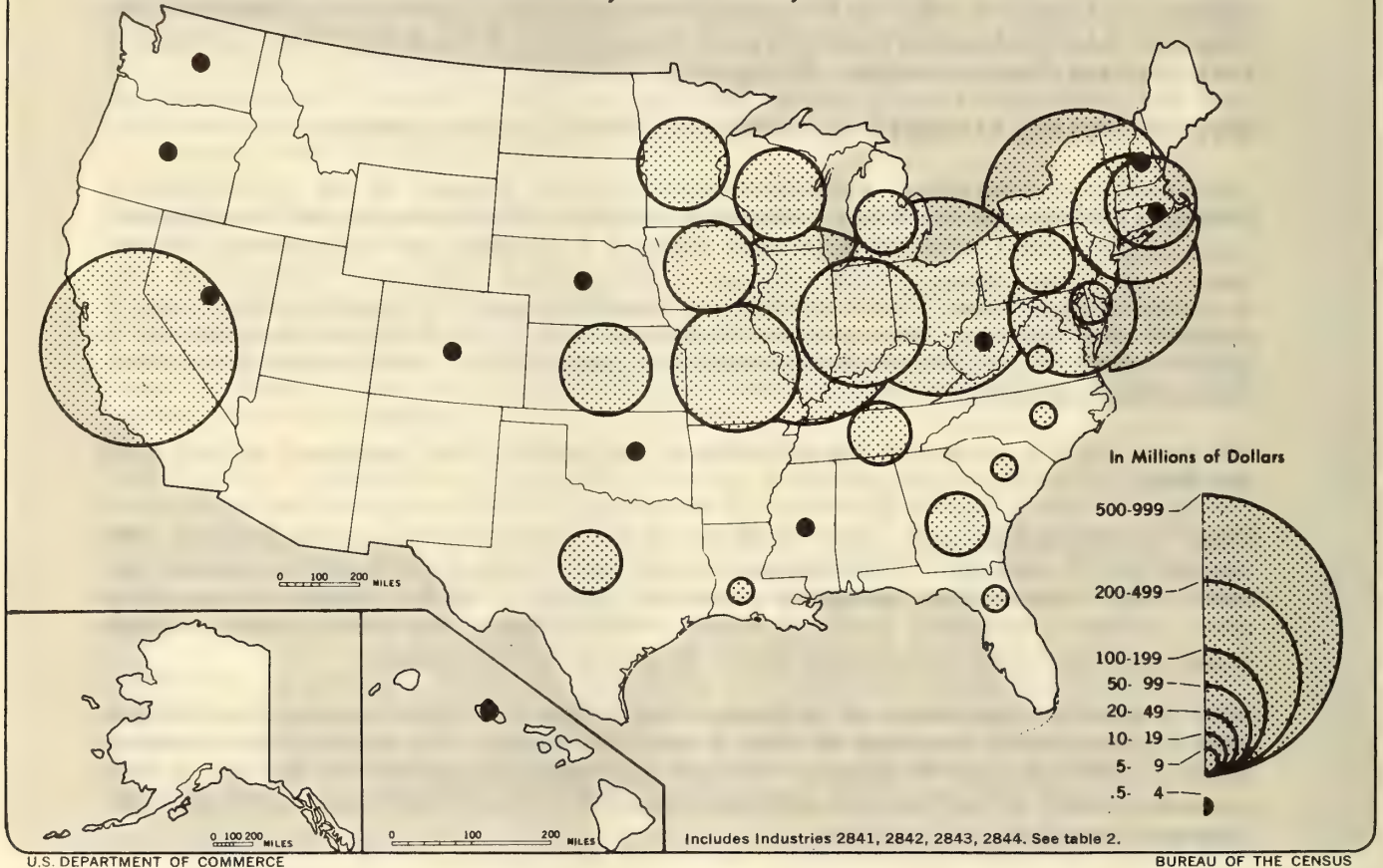


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2841.—SOAP AND OTHER DETERGENTS														
1963.....	641	704	172	30,794	214,144	20,116	41,005	127,611	1,137,425	990,492	2,127,789	44,056	82	92
1962 ¹	(NA)	(NA)	(NA)	31,080	213,228	19,579	39,810	122,657	1,068,141	929,112	1,996,249	44,838	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	31,285	207,672	19,369	39,116	115,864	1,015,865	896,304	1,900,685	30,562	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	30,657	197,828	18,970	37,903	109,297	952,950	872,653	1,815,359	26,921	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	30,129	188,253	18,476	36,940	103,058	949,360	814,862	1,827,878	27,021	(NA)	(NA)
1958 ²	469	608	163	29,603	181,485	18,180	36,779	97,294	857,585	747,777	1,605,935	17,795	86	91
INDUSTRY 2842.—POLISHES AND SANITATION GOODS														
1963.....	1,075	1,101	173	16,332	96,586	9,477	18,971	42,342	420,440	335,132	757,179	13,306	82	72
1962 ¹	(NA)	(NA)	(NA)	17,825	105,519	10,361	21,245	44,275	386,778	334,656	713,933	13,153	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	17,273	99,052	9,792	20,282	41,357	348,013	320,678	668,665	10,458	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	17,281	92,751	10,037	20,265	41,167	340,458	310,043	648,467	8,728	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	17,077	87,605	9,742	19,523	39,248	322,361	299,415	616,813	12,715	(NA)	(NA)
1958 ²	(NA)	1,156	188	16,429	82,594	9,352	17,840	35,603	295,566	290,021	585,029	7,082	84	80
INDUSTRY 2843.—SURFACE ACTIVE AGENTS														
1963.....	137	148	59	4,108	31,893	2,162	4,586	12,795	75,698	101,472	177,821	7,183	80	47
1962 ¹	(NA)	(NA)	(NA)	(2,828)	(21,121)	(1,591)	(3,340)	(8,858)	(54,134)	(80,020)	(132,075)	(10,530)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	(2,818)	(20,344)	(1,594)	(3,334)	(8,463)	(60,771)	(84,178)	(143,990)	(12,294)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	(2,959)	(20,758)	(1,755)	(3,520)	(8,812)	(60,049)	(77,797)	(137,039)	(1,900)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	(3,167)	(20,817)	(1,919)	(3,997)	(9,370)	(83,855)	(87,595)	(175,609)	(3,707)	(NA)	(NA)
1958 ²	120	142	46	3,122	19,484	1,835	3,707	8,870	52,421	73,317	126,624	3,127	80	45
INDUSTRY 2844.—TOILET PREPARATIONS														
1963.....	673	707	183	34,338	183,219	21,554	42,448	92,477	1,232,883	565,105	1,792,662	20,186	91	84
1962 ¹	(NA)	(NA)	(NA)	33,613	173,964	20,877	40,511	80,662	1,015,903	491,142	1,500,988	14,380	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	31,571	163,626	20,245	40,057	79,582	929,842	436,204	1,363,490	11,433	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	30,841	150,546	19,607	38,300	73,259	863,500	400,988	1,261,392	11,619	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	31,042	146,868	19,792	37,972	72,013	838,202	395,871	1,229,462	(44,949)	(NA)	(NA)
1958.....	721	748	181	29,464	133,951	18,541	36,010	66,685	697,529	358,933	1,059,161	14,318	91	81
1957 ¹	(NA)	(NA)	(NA)	28,558	126,986	18,092	35,716	61,441	629,286	292,346	870,615	19,514	89	80
1956 ¹	(NA)	(NA)	(NA)	26,373	115,523	17,213	34,525	55,946	565,935	260,461	785,569	24,182	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	25,721	100,972	16,411	32,029	49,942	506,117	231,565	709,303	9,139	(NA)	(NA)
1954.....	693	710	167	24,809	94,726	16,185	31,051	47,728	432,475	231,849	667,082	7,537	91	77
1953 ¹	(NA)	(NA)	(NA)	23,128	84,237	15,276	(NA)	43,586	381,536	193,506	575,042	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	25,373	88,108	17,253	(NA)	46,188	391,470	200,650	592,120	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	26,050	85,021	17,595	(NA)	43,366	317,018	186,665	503,683	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	25,689	75,455	17,883	(NA)	40,799	300,712	173,494	474,206	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	25,543	73,354	17,353	(NA)	38,790	278,793	154,160	432,953	(NA)	(NA)	(NA)
1947.....	692	719	(NA)	27,247	69,398	19,047	(NA)	38,978	232,118	149,258	381,371	(NA)	84	72
1939.....	(NA)	539	(NA)	15,614	21,717	10,363	(NA)	9,644	88,956	58,510	147,466	(NA)	(NA)	(NA)
1937.....	(NA)	478	(NA)	13,063	15,514	10,158	(NA)	9,262	78,431	53,905	132,336	(NA)	(NA)	(NA)
1935.....	(NA)	558	(NA)	13,128	16,121	9,662	(NA)	8,586	74,770	44,759	119,529	(NA)	(NA)	(NA)
1933.....	(NA)	490	(NA)	11,261	11,336	8,978	(NA)	7,470	63,874	33,175	97,049	(NA)	(NA)	(NA)
1931 ³	(NA)	658	(NA)	(NA)	(NA)	10,026	(NA)	9,674	109,634	44,184	153,818	(NA)	(NA)	(NA)
1929.....	(NA)	815	(NA)	19,229	29,870	13,109	(NA)	13,763	135,142	58,299	193,441	(NA)	(NA)	(NA)
1927.....	(NA)	705	(NA)	15,875	23,559	10,463	(NA)	10,965	108,481	52,765	161,246	(NA)	(NA)	(NA)
1925.....	(NA)	594	(NA)	13,158	18,698	8,714	(NA)	8,537	82,577	46,933	129,510	(NA)	(NA)	(NA)
1923.....	(NA)	465	(NA)	11,906	15,959	7,761	(NA)	7,102	62,605	37,636	100,241	(NA)	(NA)	(NA)
1921.....	(NA)	422	(NA)	8,988	11,264	5,838	(NA)	5,358	44,528	28,013	72,541	(NA)	(NA)	(NA)
1919.....	(NA)	569	(NA)	9,073	10,413	5,405	(NA)	3,983	33,466	26,147	59,613	(NA)	(NA)	(NA)
1914.....	(NA)	496	(NA)	5,037	3,748	2,897	(NA)	1,280	9,434	7,465	16,899	(NA)	(NA)	(NA)
1909.....	(NA)	429	(NA)	3,859	2,642	2,375	(NA)	994	8,578	5,634	14,212	(NA)	(NA)	(NA)
1904.....	(NA)	292	(NA)	2,898	1,646	2,082	(NA)	769	6,351	4,782	11,133	(NA)	(NA)	(NA)
1899.....	(NA)	262	(NA)	2,572	1,326	1,764	(NA)	569	3,953	3,135	7,088	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1958 (except 1954) excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1958 (except 1954) excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification. Accordingly, the data for 1963 and 1958 are not comparable with those for earlier years.

³An extensive revision was made in 1933 in the questionnaire used for "toilet preparations." The figures for 1931, but not for earlier years, were revised to make them comparable with those for 1933. Value added by manufacture for 1931 on a basis comparable with earlier years was \$111.6 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2841.—SOAP AND OTHER DETERGENTS													
Total.....	704	172	30,794	214,144	20,116	41,005	127,611	1,137,425	990,492	2,127,789	44,056	29,603	857,585
New England.....	51	6	1,006	7,686	585	1,197	3,637	40,522	32,066	73,234	2,329	1,741	53,427
Massachusetts....	30	3	795	5,958	472	969	3,044	36,741	27,448	64,719	2,194	1,473	50,262
Connecticut.....	14	2	137	1,336	61	124	361	3,152	3,696	6,933	115	214	2,696
Middle Atlantic....	164	38	8,183	54,133	5,772	11,472	35,408	230,615	199,101	436,211	6,013	7,839	197,534
New York.....	80	14	2,383	16,335	1,615	3,293	9,894	55,224	55,642	116,601	1,174	2,246	70,088
New Jersey.....	48	16	4,645	31,584	3,351	6,597	21,562	152,587	115,132	268,496	4,114	4,548	111,868
Pennsylvania.....	36	8	1,155	6,214	806	1,582	3,952	22,804	28,327	51,114	725	1,045	15,578
East North Central.	196	51	9,586	69,784	5,856	12,080	38,508	383,118	348,314	727,029	19,427	10,098	308,541
Ohio.....	55	18	3,279	23,316	1,905	4,096	13,409	141,415	124,563	266,370	3,553	3,483	120,140
Illinois.....	63	20	3,028	24,388	1,703	3,615	11,510	119,888	130,708	246,237	13,517	3,161	83,040
West North Central.	53	15	3,754	26,330	2,648	5,411	17,263	171,985	140,155	311,982	5,659	3,424	114,341
Missouri.....	22	5	1,606	11,352	1,198	2,470	7,865	72,763	67,389	139,869	2,717	1,350	43,964
South Atlantic.....	66	21	3,289	21,338	2,148	4,467	12,474	127,634	98,116	224,296	5,108	(2)	(2)
North Carolina....	18	3	232	920	169	340	515	1,882	1,854	3,712	48	(2)	(2)
Georgia.....	16	11	806	4,503	363	751	1,420	22,896	18,731	40,424	3,457	(2)	(2)
East South Central.	20	3	313	1,850	108	222	368	6,570	4,096	10,702	118	(2)	(2)
Tennessee.....	7	2	171	891	64	134	224	2,229	1,559	3,793	23	151	1,303
West South Central.	44	7	769	5,001	492	1,034	2,982	38,027	30,737	68,668	377	(2)	(2)
Texas.....	33	7	728	4,807	472	993	2,901	37,596	30,158	67,661	352	(2)	(2)
Mountain.....	9	1	52	225	17	31	55	277	279	557	6	49	117
Pacific.....	100	30	3,838	27,785	2,488	5,087	16,910	138,636	137,599	275,110	5,018	3,809	91,985
California.....	86	26	3,687	26,819	2,416	4,947	16,539	136,800	135,653	271,358	4,991	3,693	90,821
INDUSTRY 2842.—POLISHES AND SANITATION GOODS													
Total.....	1,101	173	16,332	96,586	9,477	18,971	42,342	420,440	335,132	757,179	13,306	16,429	295,566
New England.....	93	17	1,552	10,230	719	1,353	3,286	28,636	30,162	58,243	694	1,785	31,268
Connecticut.....	22	4	298	1,969	139	266	541	3,934	2,109	6,027	62	(2)	(2)
Middle Atlantic....	285	51	4,776	25,920	2,887	5,873	12,109	95,828	89,077	183,884	3,859	4,928	71,146
New York.....	148	27	2,562	13,333	1,729	3,505	6,837	52,674	45,560	97,990	1,145	2,941	43,212
New Jersey.....	69	14	1,098	6,722	557	1,153	3,016	27,550	23,162	50,348	2,042	989	16,787
Pennsylvania.....	68	10	1,116	5,865	601	1,215	2,256	15,604	20,355	35,546	672	998	11,147
North Central.....	345	63	6,432	40,419	3,719	7,346	18,071	221,700	148,880	373,388	6,261	6,080	145,923
Illinois.....	82	15	1,512	8,053	1,057	2,074	4,524	51,378	39,974	91,417	1,107	1,528	39,168
Michigan.....	44	4	730	5,091	501	1,038	2,648	18,661	12,508	31,248	1,000	396	10,545
Minnesota.....	18	1	139	993	71	145	326	2,900	5,301	7,770	84	158	1,648
Iowa.....	19	1	170	637	55	98	199	2,261	1,085	3,334	27	152	1,425
Kansas.....	14	2	131	561	78	134	207	1,747	2,708	4,433	20	120	742
South.....	228	25	2,307	12,368	1,439	2,928	5,327	46,880	42,433	89,369	1,910	2,411	30,059
Maryland.....	23	7	669	3,233	486	953	1,717	7,245	10,339	17,545	506	(2)	(2)
Georgia.....	13	6	519	3,902	264	527	1,117	16,528	11,327	27,980	891	553	9,397
Florida.....	50	2	258	1,251	172	365	598	3,434	3,330	6,657	118	207	2,283
Tennessee.....	21	2	164	575	102	186	284	4,511	4,168	8,562	41	163	2,971
Texas.....	48	5	385	2,071	228	520	942	7,960	8,845	16,997	237	(2)	(2)
Mountain.....	23	2	111	627	51	107	215	1,232	970	2,182	41	143	1,121
Pacific.....	127	15	1,154	7,022	662	1,364	3,334	26,164	23,610	50,113	541	1,082	16,049
California.....	112	15	1,123	6,871	644	1,331	3,287	25,941	23,363	49,659	527	1,025	15,588
INDUSTRY 2843.—SURFACE ACTIVE AGENTS													
Total.....	148	59	4,108	31,893	2,162	4,586	12,795	75,698	101,472	177,821	7,183	3,122	52,421
New England.....	31	7	511	4,438	273	583	1,683	9,716	13,903	23,610	465	305	4,280
Massachusetts....	20	4	382	3,477	211	455	1,372	7,275	9,270	16,532	394	206	2,901
Middle Atlantic....	61	26	1,938	15,394	846	1,767	4,870	26,645	36,434	63,126	2,515	1,395	17,944
New Jersey.....	38	17	1,509	11,892	603	1,257	3,504	19,157	27,331	46,525	2,289	819	8,811
Pennsylvania.....	11	8	340	2,639	191	386	1,050	5,313	6,118	11,346	105	480	7,192
North Central.....	19	7	354	2,359	201	416	1,079	5,689	9,476	15,179	301	400	5,486
Illinois.....	12	5	269	1,887	144	301	827	4,522	7,786	12,301	275	(2)	(2)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2843.—SURFACE ACTIVE AGENTS—Continued													
South.....	28	15	1,079	7,871	716	1,544	4,306	27,265	35,865	63,774	3,069	893	20,536
North Carolina...	10	7	205	1,639	112	248	512	3,847	4,984	8,836	352	213	3,674
Pacific.....	9	4	226	1,831	126	276	857	6,383	5,794	12,132	833	129	4,175
California.....	9	4	226	1,831	126	276	857	6,383	5,794	12,132	833	129	4,175
INDUSTRY 2844.—TOILET PREPARATIONS													
Total.....	707	183	34,338	183,219	21,554	42,448	92,477	1,232,883	565,105	1,792,662	20,186	29,464	697,529
New England.....	31	11	3,347	17,004	1,809	3,588	6,821	132,465	53,130	184,568	1,779	1,666	37,747
Middle Atlantic....	291	85	17,130	90,534	10,823	21,221	47,204	516,414	243,013	758,925	7,695	15,881	359,755
New York.....	198	56	8,188	41,702	5,370	10,349	21,287	212,208	105,068	316,914	3,861	7,012	108,840
New Jersey.....	66	25	8,626	47,689	5,243	10,485	25,320	300,610	135,948	436,388	3,786	8,119	228,343
Pennsylvania.....	27	4	316	1,143	210	387	597	3,596	1,997	5,623	48	750	22,572
East North Central.	133	35	6,527	36,468	4,515	9,088	20,736	326,085	143,354	468,439	6,226	6,194	176,558
Ohio.....	21	5	1,384	11,019	655	1,424	3,899	87,573	33,744	121,398	1,196	1,327	39,994
Illinois.....	67	22	4,548	22,423	3,417	6,757	14,964	232,456	105,359	336,823	4,824	(²)	(²)
West North Central.	46	15	2,370	12,936	1,604	3,119	6,932	124,458	63,241	187,864	1,076	2,119	67,717
Missouri.....	20	4	498	2,068	363	698	1,197	6,546	3,666	10,115	216	655	5,728
South Atlantic.....	44	7	1,024	5,068	564	1,037	1,930	37,748	12,028	47,498	986	696	10,391
East South Central.	23	5	470	2,124	268	540	843	14,478	6,347	20,602	154	366	4,716
Tennessee.....	17	5	446	2,066	250	504	806	14,383	6,205	20,364	149	333	4,614
West South Central.	36	3	222	793	145	260	376	2,056	2,170	4,192	286	299	3,224
West.....	103	22	3,248	18,292	1,826	3,595	7,635	79,179	41,822	120,574	1,984	2,243	37,421
California.....	86	20	3,095	17,577	1,731	3,419	7,325	75,275	39,591	114,893	1,890	2,151	36,396

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State.

SIC 2841, Soap and Other Detergents: New England—New Hampshire, 1 (1-19); Rhode Island, 6 (20-99); East North Central—Indiana, 14 (2,461); Michigan, 39 (628); Wisconsin, 26 (194); West North Central—Minnesota, 19 (249); Iowa, 7 (100-249); Nebraska, 1 (100-249); Kansas, 4 (1,571); South Atlantic—Maryland, 10 (1,778); District of Columbia, 1 (1-19); Virginia, 4 (20-99); West Virginia, 2 (1-19); South Carolina, 4 (352); Florida, 11 (20-99); East South Central—Kentucky, 5 (1-19); Alabama, 5 (1-19); Mississippi, 3 (100-249); West South Central—Louisiana, 4 (1-19); Oklahoma, 7 (20-99); Mountain—Colorado, 2 (1-19); Arizona, 3 (1-19); Utah, 4 (20-99); Pacific—Washington, 6 (20-99); Oregon, 7 (20-99); Hawaii, 1 (1-19).

SIC 2842, Polishes and Sanitation Goods: New England—Maine, 1 (1-19); New Hampshire, 3 (20-99); Vermont, 2 (1-19); Massachusetts, 63 (1,219); Rhode Island, 2 (1-19); East North Central—Ohio, 61 (500-999); Indiana, 19 (703); Wisconsin, 32 (1,000-2,499); West North Central—Missouri, 52 (1,000-2,499); South Dakota, 1 (1-19); Nebraska, 3 (1-19); South Atlantic—Delaware, 1 (1-19); Virginia, 12 (20-99); West Virginia, 2 (1-19); North Carolina, 17 (20-99); South Carolina, 3 (1-19); East South Central—Kentucky, 2 (1-19); Alabama, 7 (20-99); Mississippi, 6 (20-99); West South Central—Arkansas, 2 (1-19); Louisiana, 13 (20-99); Oklahoma, 8 (20-99); Mountain—Montana, 1 (1-19); Colorado, 10 (20-99); New Mexico, 1 (1-19); Arizona, 8 (20-99); Utah, 3 (1-19); Pacific—Washington, 7 (1-19); Oregon, 5 (1-19); Hawaii, 3 (1-19).

SIC 2843, Surface Active Agents: New England—Rhode Island, 9 (100-249); Connecticut, 2 (1-19); Middle Atlantic—New York, 12 (20-99); East North Central—Ohio, 5 (20-99); Wisconsin, 1 (1-19); West North Central—Missouri, 1 (1-19); South Atlantic—Delaware, 1 (250-499); Maryland, 1 (20-99); South Carolina, 6 (20-99); Georgia, 3 (219); East South Central—Tennessee, 5 (20-99); West South Central—Texas, 2 (20-99).

SIC 2844, Toilet Preparations: New England—Maine, 1 (1-19); New Hampshire, 3 (1-19); Massachusetts, 9 (425); Connecticut, 18 (2,500-4,999); East North Central—Indiana, 15 (20-99); Michigan, 18 (254); West North Central—Minnesota, 18 (1,535); Iowa, 7 (250-499); Kansas, 1 (1-19); South Atlantic—Maryland, 5 (250-499); District of Columbia, 2 (1-19); Virginia, 5 (286); West Virginia, 1 (100-249); North Carolina, 6 (20-99); South Carolina, 3 (1-19); Georgia, 6 (20-99); Florida, 16 (20-99); East South Central—Kentucky, 3 (1-19); Alabama, 1 (1-19); West South Central—Louisiana, 7 (20-99); Oklahoma, 6 (1-19); Texas, 23 (160); Mountain—Arizona, 1 (1-19); Utah, 5 (1-19); Nevada, 1 (20-99); Pacific—Washington, 4 (1-19); Oregon, 2 (1-19); Hawaii, 4 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)
Primary product specialization ratio ¹.....	.82	.82	.80	.91
Coverage ratio ².....	.92	.72	.47	.84
Establishments, total.....number..	704	1,101	148	707
With 1 to 19 employees.....do....	532	928	89	524
With 20 to 99 employees.....do....	115	140	54	101
With 100 employees or more.....do....	57	33	5	82
Proprietors and working partners.....do....	208	434	33	199
All employees (average for the year).....do....	30,794	16,332	4,108	34,338
Payroll (all employees), total for year.....\$1,000..	214,144	96,586	31,893	183,219
Production workers:				
Average for the year.....number..	20,116	9,477	2,162	21,554
March.....do....	19,981	9,271	2,183	20,662
May.....do....	19,975	9,478	2,193	20,767
August.....do....	20,701	9,593	2,145	22,458
November.....do....	19,838	9,492	2,136	22,348
Man-hours.....1,000..	41,005	18,971	4,586	42,448
January-March.....do....	10,281	4,883	1,163	10,126
April-June.....do....	10,336	5,029	1,168	10,592
July-September.....do....	10,399	4,906	1,139	10,848
October-December.....do....	10,383	4,890	1,153	11,398
Wages.....\$1,000..	127,611	42,342	12,795	92,477
Cost of materials, etc., total.....do....	990,492	335,132	101,472	565,105
Materials, parts, containers, and supplies consumed.....do....	883,836	280,944	91,735	504,739
Cost of resales.....do....	86,695	48,422	7,223	36,694
Fuels consumed.....do....	8,790	1,374	1,543	1,469
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	424	78	55	147
Cost.....\$1,000..	5,231	1,420	851	2,308
Generated less sold.....million kw.-hrs..	63	-	(D)	(D)
Contract work.....\$1,000..	5,940	2,972	120	19,894
Value of shipments (including resales), total.....do....	2,127,789	757,179	177,821	1,792,662
Value of resales.....do....	133,684	84,572	8,410	71,606
Value added by manufacture, adjusted.....do....	1,137,425	420,440	75,698	1,232,883
Manufacturers' inventories:				
Beginning of year, total.....do....	195,191	75,391	23,060	161,858
Finished products.....do....	99,166	38,883	11,773	71,258
Work-in-process.....do....	22,516	5,102	1,522	10,960
Materials, supplies, fuel, etc.....do....	73,509	31,406	9,765	79,640
End of year, total.....do....	195,224	73,632	22,537	174,967
Finished products.....do....	96,454	36,755	11,169	74,877
Work-in-process.....do....	25,356	5,623	1,475	12,667
Materials, supplies, fuel, etc.....do....	73,414	31,254	9,893	87,423
Expenditures for plant and equipment, total.....do....	45,409	16,544	7,497	25,380
New, total.....do....	44,056	13,306	7,183	20,186
New structures and additions to plant.....do....	10,898	3,903	1,392	6,550
New machinery and equipment.....do....	33,158	9,403	5,791	13,636
Used plant and equipment.....do....	1,353	3,238	314	5,194
Selected operating ratios:				
Payroll/Total employment.....	6,954	5,914	7,764	5,336
Production workers/Total employment.....	.65	.58	.53	.63
Man-hours/Production workers.....	2,038	2,002	2,121	1,969
Production worker wages/Man-hours.....	3.11	2.23	2.79	2.18
Cost of materials and payrolls/Total value of shipments....	.57	.57	.75	.42
Cost of materials/Total value of shipments.....	.47	.44	.57	.32
Adjusted value added/Total employment.....	36,937	25,743	18,427	35,904
Salaries and wages/Adjusted value added.....	.19	.23	.42	.15

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represent zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2841.—SOAP AND OTHER DETERGENTS										
Establishments.....number..	704	322	115	95	86	29	28	15	9	4	1
All employees:											
Total.....do....	30,794	498	738	1,319	2,681	1,990	4,012	5,805	6,368	7,383	(D)
Payroll.....\$1,000..	214,144	2,392	4,189	7,682	16,716	11,759	24,805	43,893	47,698	55,010	(D)
Value added, adjusted.....do....	1,137,425	6,410	11,280	18,410	56,735	58,467	100,945	282,564	300,660	301,954	(D)
Value of shipments.....do....	2,127,789	14,788	25,198	40,753	113,855	107,865	196,729	537,828	541,538	549,235	(D)
Capital expenditures, new...do....	44,056	¹ 12,861	(D)	548	2,364	1,869	6,363	8,718	4,516	6,817	(D)
	INDUSTRY 2842.—POLISHES AND SANITATION GOODS										
Establishments.....number..	1,101	618	179	131	102	38	26	7	-	-	-
All employees:											
Total.....do....	16,332	1,040	1,205	1,763	2,995	2,676	3,969	2,684	-	-	-
Payroll.....\$1,000..	96,586	4,626	6,102	10,461	17,384	15,046	25,193	17,774	-	-	-
Value added, adjusted.....do....	420,440	11,843	17,507	26,905	64,599	65,128	126,810	107,648	-	-	-
Value of shipments.....do....	757,179	24,174	32,622	53,852	130,099	122,805	207,942	185,685	-	-	-
Capital expenditures, new...do....	13,306	² 787	588	1,016	1,487	1,469	6,054	1,905	-	-	-
	INDUSTRY 2843.—SURFACE ACTIVE AGENTS										
Establishments.....number..	148	32	33	24	45	9	3	1	1	-	-
All employees:											
Total.....do....	4,108	56	235	332	1,346	607	1,532	(D)	(D)	-	-
Payroll.....\$1,000..	31,893	382	1,744	2,555	10,388	4,851	11,973	(D)	(D)	-	-
Value added, adjusted.....do....	75,698	1,017	4,514	6,095	25,423	12,587	26,062	(D)	(D)	-	-
Value of shipments.....do....	177,821	2,427	12,011	15,299	61,393	27,317	59,374	(D)	(D)	-	-
Capital expenditures, new...do....	7,183	³ 1,815	247	315	1,582	670	2,554	(D)	(D)	-	-
	INDUSTRY 2844.—TOILET PREPARATIONS										
Establishments.....number..	707	346	101	77	73	27	40	28	11	4	-
All employees:											
Total.....do....	34,338	604	669	1,038	2,169	1,877	5,815	9,566	7,218	5,382	-
Payroll.....\$1,000..	183,219	2,132	3,197	4,874	9,593	8,154	29,796	49,860	44,848	30,765	-
Value added, adjusted.....do....	1,232,883	6,946	12,396	13,247	25,498	24,574	201,028	304,277	494,885	150,032	-
Value of shipments.....do....	1,792,662	13,200	21,475	23,369	48,919	54,573	304,467	462,697	660,636	203,326	-
Capital expenditures, new...do....	20,186	³ 798	409	344	865	1,026	2,610	5,365	6,662	2,107	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation of approximately \$10-\$20 million.²Includes capital expenditures for plants under construction but not in operation of approximately \$200-\$500 thousand.³Includes capital expenditures for plants under construction but not in operation of approximately \$500-\$1,000 thousand.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(Col. B)	(Col. C)	(Col. D)	(Col. E)	(Col. F)	(Col. G)	(Col. H)	(Col. I)	(Col. J)
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)	(\$1,000)	(\$1,000)	(\$1,000)	(percent)
		A	B	C	D	E	F	G	H	I
2841	Soap and other detergents.....1963..	2,127,789	1,631,282	360,273	136,234	.82	1,780,711	1,631,282	149,429	.92
	.....1958..	1,605,935	1,331,443	224,735	49,757	.86	1,463,841	1,331,443	132,398	.91
2842	Polishes and sanitation goods.....1963..	757,179	541,107	119,600	96,472	.82	747,836	541,107	206,729	.72
	.....1958..	585,029	429,571	79,025	76,433	.84	536,334	429,571	106,763	.80
2843	Surface active agents.....1963..	177,821	131,926	33,410	12,485	.80	283,645	131,926	151,719	.47
	.....1958..	126,624	95,437	24,081	7,106	.80	209,807	95,437	114,370	.45
2844	Toilet preparations.....1963..	1,792,662	1,565,850	145,526	81,286	.91	1,858,586	1,565,850	292,736	.84
	.....1958..	1,059,161	911,160	85,244	62,757	.91	1,126,031	911,160	214,871	.81

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)	Inorganic chemicals, n.e.c. (SIC 2819)	Pharmaceutical preparations (SIC 2834)	Paints and allied products (SIC 2851)	Chemical preparations, n.e.c. (SIC 2899)	Other industries
CLEANING AND TOILET GOODS INDUSTRY											
	Total shipments and receipts of the industry.....	(X)	2,127,789	757,179	177,821	1,792,662	(X)	(X)	(X)	(X)	(X)
284--	Cleaning and toilet goods.....	(X)	¹ 1,852,008	¹ 598,566	¹ 140,576	¹ 1,594,754	(X)	(X)	(X)	(X)	(X)
28411	Alkaline detergents and acid-type cleaners.....	224,919	182,020	16,020	(D)	(D)	2,142	-	(D)	3,349	² 21,388
28412	Soaps, except specialty cleaners, bulk.....	58,733	39,062	10,682	759	(D)	(D)	(²)	3,452	(²)	⁴ 4,788
28413	Soaps, except specialty cleaners, packaged.....	296,319	277,768	1,633	-	13,372	(D)	1,143	(D)	(D)	2,403
28414	Glycerine.....	38,519	30,248	-	(D)	(²)	(²)	(D)	-	5,866	2,405
28415	Synthetic organic detergents, packaged.....	1,029,369	1,003,888	3,401	-	(D)	13,324	(D)	(²)	(D)	⁵ 8,756
28416	Synthetic organic detergents, bulk	115,284	80,992	7,859	3,432	(²)	(D)	-	(D)	(D)	⁶ 23,001
28410	Soap and other detergents, except soap and detergents, n.s.k.....	17,568	17,304	124	(²)	-	-	-	-	(²)	140
28421	Household insecticides and repellants.....	110,841	1,099	90,009	-	2,402	(D)	1,377	962	(²)	⁷ 14,992
28423	Specialty cleaning and sanitation products.....	331,710	68,407	185,459	(²)	10,180	8,462	1,498	1,933	2,843	⁸ 52,928
28424	Polishing preparations and related products.....	278,802	(D)	239,782	2,826	(D)	569	(D)	3,056	1,066	⁹ 31,503
28420	Specialty cleaning, polishing, and sanitation preparations, except soap and detergents, n.s.k.....	26,483	282	25,857	-	(²)	(²)	-	(²)	(²)	344
28430	Surface active and finishing agents.....	283,645	23,027	1,469	131,926	(²)	6,452	(²)	-	9,783	¹⁰ 110,988
28441	Shaving preparations.....	111,144	(D)	(D)	-	62,250	-	18,877	-	-	¹¹ 30,017
28442	Perfumes, toilet water, and colognes.....	208,617	(D)	(D)	(D)	171,657	-	4,054	-	(D)	¹² 32,906
28443	Hair preparations (including shampoos).....	592,667	(D)	1,952	(²)	543,130	-	9,306	(D)	(²)	¹³ 38,279
28444	Dentifrices, including mouthwashes, gargles, and rinses.....	228,382	(D)	(D)	-	159,445	-	(D)	-	-	¹⁴ 68,937
28445	Other cosmetics and toilet preparations.....	698,211	9,762	(D)	-	609,930	-	48,419	(D)	-	¹⁵ 30,100
28440	Perfumes, cosmetics, and other toilet preparations, n.s.k.....	19,565	(²)	-	-	19,438	-	(D)	-	-	127
	Other products.....	(X)	139,547	62,141	24,760	116,625	(X)	(X)	(X)	(X)	(X)
2818-	Organic chemicals, n.e.c.....	(X)	(¹⁶)	429	12,858	4,107	(X)	(X)	(X)	(X)	(X)
2819-	Inorganic chemicals, n.e.c.....	(X)	49,377	1,018	-	-	(X)	(X)	(X)	(X)	(X)
2834-	Pharmaceutical preparations.....	(X)	(¹⁶)	-	-	84,711	(X)	(X)	(X)	(X)	(X)
28516	Industrial product finishes, except lacquers.....	(X)	(¹⁶)	2,026	-	-	(X)	(X)	(X)	(X)	(X)
28518	Putty, caulking compounds and allied products.....	(X)	5,581	2,386	(¹⁶)	-	(X)	(X)	(X)	(X)	(X)
28993	Essential oils, fireworks, and pyrotechnics, chemicals and chemical preparations, n.e.c.....	(X)	14,909	15,947	1,112	(¹⁶)	(X)	(X)	(X)	(X)	(X)
29926	Lubricating oils (made from purchased materials).....	(X)	1,300	3,106	690	-	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	¹⁷ 68,380	¹⁸ 39,229	¹⁹ 10,100	²⁰ 27,807	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts, total.....	(X)	136,234	96,472	12,485	81,283	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	133,684	84,572	8,410	71,606	(X)	(X)	(X)	(X)	(X)
	Other miscellaneous receipts.....	(X)	2,550	11,900	4,075	9,677	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹As shown in table 5A, the primary product total for industry 2841 is \$1,631,282 thousand, or the sum of product classes 28410 through 28416; for industry 2842, the total is \$541,107 thousand, or the sum of product classes 28420 through 28424; for industry 2843, the total is \$131,926 thousand or the value for product class 28430; for industry 2844, the total is \$1,565,850 thousand or the sum of product classes 28440 through 28445.

²Less than \$100 thousand.

³Includes \$11,878 thousand shipped by industry 2812, Alkalies and Chlorine. In addition, the following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2096, Shortening and Cooking Oils.

⁴The following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2819, Inorganic Chemicals, N.E.C.

⁵The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2094, Animal and Marine Fats and Oils, and 3291, Abrasive Products.

⁶The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2812, Alkalies and Chlorine, and 2821, Plastics Materials and Resins.

⁷Includes \$9,379 thousand shipped by industry 2879, Agricultural Chemicals, N.E.C.

Footnotes continued on next page.

TABLE 5B. **Industry-Product Analysis—Shipments by Product Class and Industry:**
1963 —Continued

Footnotes for Table 5B-28D-Continued

⁸The following industry had shipments which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 2046, Wet Corn Milling.

⁹Includes \$2,168 thousand shipped by industry 3069, Rubber Products, N.E.C. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2426, Hardwood Dimension and Flooring, and 3982, Hard Surface Floor Coverings.

¹⁰Includes \$17,755 thousand shipped by establishments classified in industry 2815, Intermediate Coal Tar Products; \$44,788 thousand shipped by industry 2818, Organic Chemicals, N.E.C.; \$8,473 thousand shipped by industry 2821, Plastics Materials and Resins; \$2,008 thousand shipped by industry 2891, Glue and Gelatin; \$16,675 thousand shipped by industry 2911, Petroleum Refining; and \$2,086 thousand shipped by industry 2992, Lubricating Oils and Greases. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2812, Alkalies and Chlorine; 2833, Medicinals and Botanicals, and 3069, Rubber Products, N.E.C.

¹¹The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2841, Soap and Other Detergents; 2842, Polishes and Sanitation Goods; and 3421, Cutlery.

¹²Includes \$2,272 thousand shipped by industry 2087, Flavorings, and \$8,702 thousand shipped by industry 2818, Organic Chemicals, N.E.C. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2841, Soap and Other Detergents; 2842, Polishes and Sanitation Goods; 2843, Surface Active Agents; and 2899, Chemical Preparations, N.E.C.

¹³The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2841, Soap and Other Detergents, and 2842, Polishes and Sanitation Goods.

¹⁴The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2073, Chewing Gum; 2834, Pharmaceutical Preparations; and 2841, Soap and Other Detergents.

¹⁵The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2842, Polishes and Sanitation Goods; 3421, Cutlery; and 3842, Surgical Appliances and Supplies.

¹⁶Included in other secondary products to avoid disclosure of individual company figures.

¹⁷Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20943, Animal and marine oil mill products, including foots; 28151, Cyclic intermediates; 28346, Pharmaceutical preparations acting on the skin, for human use; and 28992, Fatty acids.

¹⁸Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20460, Wet corn milling; 26471, Sanitary napkins and tampons; 28349, Pharmaceutical preparations for veterinary use; 28790, Insecticidal and fungicidal preparations (formulations) primarily for agricultural use; 35892, Service-industry machines, and parts; 36393, Other household type appliances and parts; and 39813, Other brushes.

¹⁹Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 28214, Thermosetting resins and plastics materials, and 28331, Synthetic organic medicinal chemicals in bulk.

²⁰Includes the following product class which totaled \$2 million or more but was withheld to avoid disclosing individual company figures: 29110, Other finished petroleum products, including waxes.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2841- --	SOAP AND OTHER DETERGENTS, EXCEPT SPECIALTY CLEANERS, TOTAL.....		(X)	(X)	1,780,711	(X)	(X)	1,463,841
28411 --	Alkaline detergents and acid-type cleaners, total..		(X)	(X)	224,919	(X)	(X)	144,481
	Alkaline detergents:							
	Liquid preparations, total.....	1,000 gals...	(NA)	(NA)	50,132	16,802	15,929	17,476
	Household (products sold in containers holding 25 pounds or less or 1 gallon or less and for use by family units):							
28411 11	Machine dishwashing compounds.....	...do.....	(NA)	(NA)	(¹)	16,802	15,929	17,476
28411 15	Other alkaline detergents.....	...do.....	5,098	4,887	13,278			
	Nonhousehold (bulk products sold in containers holding over 25 pounds or over 1 gallon, and for industrial, institutional, or commercial use regardless of package size):							
28411 21	Machine dishwashing compounds.....	...do.....	(NA)	(NA)	15,208	663,883	664,887	103,307
28411 25	Other alkaline detergents.....	...do.....	13,654	13,987	21,646			
	Dry preparations (solid), total.....	1,000 lbs...	(X)	(X)	140,037			
	Household:							
28411 13	Machine dishwashing compounds.....	...do.....	72,218	70,987	19,290	139,383	139,177	26,225
28411 17	Other alkaline detergents:							
	Quantity reported.....	...do.....	(NA)	103,838	20,488			
	Quantity not reported.....	...do.....	(X)	(X)	3,617	524,500	525,710	77,082
28411 23	Nonhousehold:							
	Machine dishwashing compounds.....	...do.....	184,656	178,646	36,967			
28411 27	Other alkaline detergents.....	...do.....	418,667	412,376	59,675			
	Acid-type cleansers containing an acid and/or wetting agent, and/or inorganic fillers, total..	...do.....	160,795	161,597	30,335	119,155	117,031	19,214
28411 71	Dairy and food processing cleaners.....	...do.....	44,670	46,579	8,259	35,268	34,908	5,379
28411 75	Metal cleaners.....	...do.....	96,663	95,643	17,628	50,491	51,228	8,828
28411 79	All others.....	...do.....	19,462	19,375	4,448	33,396	30,895	5,007
28411 00	Alkaline detergents and acid-type cleaners, n.s.k.....		(X)	(X)	4,415	(X)	(X)	4,484
28412 --	Soaps, except specialty cleaners, nonhousehold, total.....		(X)	(X)	58,733	(X)	(X)	² 73,691
	Nonhousehold soaps (bulk products and products sold in containers holding 25 pounds or over 1 gallon, and for industrial, institutional, or commercial use regardless of package size):							
28412 15	Chips, flakes, granulated, powdered and sprayed, including washing powders.....	1,000 lbs...	177,309	173,579	17,607	243,318	244,221	27,954
28412 27	Liquid (potash and other excluding shampoos):							
	Quantity reported.....	1,000 gals...	(NA)	10,339	13,527	11,270	10,809	14,776
	Quantity not reported.....	1,000 gals...	(X)	(X)	1,780			
28412 41	Scouring cleansers with or without abrasives...	1,000 lbs...	8,544	8,553	1,558			
28412 61	Mechanics' hand soaps, pastes and bars, except waterless.....	...do.....	59,492	56,718	9,331	(NA)	(NA)	² 19,694
28412 98	Other soaps, nonhousehold.....	...do.....	(X)	(X)	9,431	(X)	(X)	7,713
28412 00	Soaps except specialty cleaners, nonhousehold, n.s.k.....		(X)	(X)	5,499	(X)	(X)	2,039
28413 --	Soaps, except specialty cleaners, household, total..		(X)	(X)	296,319	(X)	(X)	² 288,462
	Household soaps (products sold in containers holding 25 pounds or less or 1 gallon or less, and for use by family units):							
	Bars, excluding medical and medicated, mechanics' hand soap and shaving soap:							
28413 11	Toilet.....	1,000 lbs...	641,908	636,791	216,455	524,717	546,298	176,968
28413 13	Laundry and other household bars.....	...do.....	87,669	86,077	15,595	213,118	216,543	35,656
28413 22	Chips, flakes, granulated, powdered and sprayed, including washing powders.....	...do.....	178,279	180,956	44,797	226,566	231,076	62,741
28413 27	Liquid (potash and other, excluding medical and medicated, mechanics' hand soap and shampoos).....	1,000 gals...	(NA)	(NA)	1,645	1,660	1,649	1,827
28413 41	Scouring cleansers with or without abrasives...	1,000 lbs...	(NA)	(NA)	732	(NA)	(NA)	2,080
28413 51	Medical and medicated soaps (containing medicinal or germicidal additives of therapeutic value, but not soaps containing germicidal or other additives only as a deodorant) bars, liquid and paste.....		(X)	(X)	5,782	(X)	(X)	4,105

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2841- --	SOAP AND OTHER DETERGENTS, EXCEPT SPECIALTY CLEANERS—Continued							
28413 --	Soaps, except specialty cleaners, household—Con.							
28413 61	Household soaps (products sold in containers holding 25 pounds or less or 1 gallon or less, and for use by family units)—Continued							
28413 98	Mechanics' hand soaps, all types, except waterless.....	1,000 lbs....	26,774	26,883	7,028	(2)	(2)	(2)
28413 00	Other soaps, household.....	..do.....	(X)	(X)	1,733	(X)	(X)	2,133
28414 --	Soaps, except specialty cleaners, household n.s.k.....	.....	(X)	(X)	2,552	(X)	(X)	2,952
28414 11	Glycerine, total.....	.....	(X)	(X)	38,519	(X)	(X)	470,374
28414 31	Crude, 100-percent basis.....	1,000 lbs....	3144,459	374,672	39,799	4212,330	462,014	412,763
28414 51	High-gravity, dynamite, and yellow distilled, 100-percent basis.....	..do.....	346,041	347,041	38,438	44,782	45,484	12,060
28415 --	Chemically pure 100-percent basis.....	..do.....	3114,353	3114,082	320,282	4180,367	4170,238	445,551
28415 21	Synthetic organic detergents, household, total....	.....	(X)	(X)	1,029,369	(X)	(X)	813,125
28416 21	Household detergents (products sold in containers holding 25 pounds or less or 1 gallon or less, and for use by family units):							
28416 25	Dry (solid):							
28416 27	Light-duty: ⁸							
28416 31	Unit price less than \$179 per 1,000 lbs....	1,000 lbs....	(NA)	100,786	14,761	2,657,414	2,629,878	569,893
28416 35	Unit price between \$263-\$765 per 1,000 lbs.	..do.....	(NA)	89,227	42,880			
28416 39	Heavy-duty:							
28416 41	Anionic base.....	..do.....	2,480,355	2,405,190	527,076	70,841	69,072	182,041
28416 45	Nonionic base or other base.....	..do.....	(NA)	(NA)	78,148			
28416 49	Liquid, excluding shampoos:							
28416 51	Light-duty.....	1,000 gals...	(5)	(5)	(5)	429,602	418,648	59,886
28416 55	Heavy-duty.....	..do.....	592,889	590,816	5234,967			
28416 59	General purpose cleaners.....	..do.....	34,634	35,070	59,327			
28416 63	Scouring cleansers with or without abrasives...	1,000 lbs....	508,295	500,662	68,320	(X)	(X)	1,305
28416 67	Synthetic organic detergents, household, n.s.k.....	.....	(X)	(X)	3,890			
28416 71	Synthetic organic detergents, nonhousehold, total..	.....	(X)	(X)	115,284			
28416 75	Nonhousehold detergents (bulk products and products sold in containers holding over 25 pounds or over 1 gallon, and for industrial, institutional, or commercial use regardless of package size):							
28416 79	Dry (solid):							
28416 83	Anionic base.....	1,000 lbs....	183,670	189,440	27,361	199,032	192,288	24,813
28416 87	Nonionic base or other base.....	..do.....	77,925	75,955	9,922			
28416 91	Scouring cleansers with or without abrasives...	..do.....	22,064	21,400	3,408			
28416 95	Liquid:							
28416 99	Anionic base:							
28417 01	Unit price between \$260-\$1,179 per 1,000 gals.....	1,000 gals...	(X)	7,075	8,175	21,752	21,877	38,359
28417 05	Unit price between \$1,800-\$5,440 per 1,000 gals.....	..do.....	(X)	8,639	24,839			
28417 09	Nonionic base or other base.....	..do.....	20,974	20,108	35,915			
28417 13	Synthetic organic detergents, n.s.k.....	.....	(X)	(X)	5,664	(X)	(X)	3,732
28417 17	Soap and other detergents, except specialty cleansers, n.s.k.....	.....	(X)	(X)	17,568	(X)	(X)	6,804
2842- --	SPECIALTY CLEANING, POLISHING AND SANITATION PREPARATIONS, EXCEPT SOAP AND DETERGENTS, TOTAL.....	.....	(X)	(X)	747,836	(X)	(X)	536,334
28421 --	Household insecticides and repellants, including industrial exterminants, total.....	.....	(X)	(X)	110,841	(X)	(X)	85,918
28421 12	Insecticides (for crawling insects):							
28421 15	Aerosols.....	.....	(X)	(X)	14,516	(X)	(X)	65,891
28421 19	Nonaerosols.....	.....	(X)	(X)	17,780			
28421 23	Insecticides (for flying insects):							
28421 27	Aerosols.....	.....	(X)	(X)	33,170			
28421 31	Nonaerosols.....	.....	(X)	(X)	23,964			

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2842- --	SPECIALTY CLEANING, POLISHING AND SANITATION PREPARATIONS, EXCEPT SOAP AND DETERGENTS—Con.							
28421 --	Household insecticides and repellants, including industrial exterminants—Continued							
28421 35	Repellants and attractants (for insects, birds, fish and other animals).....		(X)	(X)	3,324	(X)	(X)	6,892
28421 71	Rodenticides.....		(X)	(X)	6,301	(X)	(X)	8,269
28421 89	Fumigants, other than soil fumigants, including space.....		(X)	(X)	5,313	(X)	(X)	3,725
28421 00	Household insecticides and repellants, n.s.k....		(X)	(X)	6,473	(X)	(X)	7,141
28423 --	Specialty cleaning and sanitation products, total..		(X)	(X)	331,710	(X)	(X)	181,477
28423 11	Glass window cleaning preparations.....		(X)	(X)	17,020	(X)	(X)	9,129
28423 31	Toilet bowl cleaner and drain pipe solvents.....	1,000 lbs...	(X)	187,606	36,784	96,538	96,176	22,010
28423 32	Disinfectants, for uses other than agricultural..		(X)	(X)	29,149	(X)	(X)	38,234
28423 71	Household ammonia.....		(X)	(X)	8,971	(X)	(X)	3,776
	Deodorants, nonpersonal:							
28423 81	Aerosol type.....		(X)	(X)	26,356	(X)	(X)	12,509
28423 85	Other.....		(X)	(X)	16,842	(X)	(X)	14,763
28423 93	Dry cleaning spotting preparations (liquid).....	1,000 gals..	2,420	2,396	6,967	2,388	2,260	6,238
28423 94	Fabric softeners.....		(X)	(X)	46,892	(X)	(X)	(NA)
	Laundry starch preparations, including permanent types (resin, starch, etc.):							
28423 95	Aerosol.....		(X)	(X)	21,401	(X)	(X)	(NA)
28423 96-97	Other, liquid and dry.....		(X)	(X)	23,202	(X)	(X)	(NA)
28423 98	Other specialty detergents, including sweeping compounds, waterless hand cleaners, wall paper, window shade and wall cleaners, etc.....		(X)	(X)	78,176	(X)	(X)	63,868
28423 00	Specialty cleaning and sanitation products, n.s.k.....		(X)	(X)	19,950	(X)	(X)	10,950
28424 --	Polishing preparations and related products, total.		(X)	(X)	278,802	(X)	(X)	240,316
28424 11	Automobile body polish and cleaners.....		(X)	(X)	29,102	(X)	(X)	25,879
28424 15	Furniture polishes and cleaners.....		(X)	(X)	31,337	(X)	(X)	14,677
	Floor polish:							
28424 21	Water emulsion:							
	Quantity reported.....	1,000 gals..	(NA)	41,206	92,173	43,259	44,017	85,709
	Quantity not reported.....	...do.....	(X)	(X)	12,332			
28424 23	Liquid (other than water emulsion).....	...do.....	7,226	6,936	15,446	3,180	3,257	8,335
28424 25	Other than liquid form, including cake and paste.....	1,000 lbs...	25,617	25,309	10,443	18,841	18,535	6,420
	Shoe polishes and cleaners:							
28424 42	Liquid.....	1,000 gals..	(S)	(S)	30,271	4,303	4,174	21,267
28424 44	Paste and cake.....	1,000 lbs...	(S)	(S)	13,701	9,580	9,574	11,451
	Leather dressings and finishes, excluding shoe polish:							
28424 61	Leather blackings and stains.....	...do.....	15,048	15,031	5,263	13,898	13,870	3,439
28424 65	Other leather dressings and finishes.....	...do.....	44,339	45,025	15,130	46,548	46,330	13,963
28424 98	Related products, including metal polish and polishing cloths and papers.....		(X)	(X)	15,082	(X)	(X)	30,944
28424 00	Polishing preparations and related products, n.s.k.....		(X)	(X)	8,522	(X)	(X)	18,232
28420 00	Specialty cleaning, polishing and sanitation preparations, except soap and detergents, n.s.k...		(X)	(X)	26,483	(X)	(X)	28,623
2843- --	SURFACE ACTIVE AGENTS, FINISHING AGENTS, SULFONATED OILS AND ASSISTANTS, TOTAL.....		(X)	(X)	283,645	(X)	(X)	209,807
	Assistants and finishes, textile and leather:							
28430 11	Sulfonated oils and fats.....	1,000 lbs...	135,300	133,533	27,672	173,206	165,458	29,708
28430 31	Softeners, soluble oils and greases:							
	Quantity reported.....	...do.....	(NA)	54,323	10,733	100,588	100,263	19,270
	Quantity not reported.....	...do.....	(X)	(X)	3,720			
28430 51	Other assistants ⁷.....	...do.....	45,268	46,016	11,089	30,059	29,790	6,511

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2843- --	SURFACE ACTIVE AGENTS, FINISHING AGENTS, SULFONATED OILS, AND ASSISTANTS—Continued							
28430 71	Finishes:							
	Quantity reported.....	1,000 lbs...	(NA)	108,045	26,220	} 36,797	36,753	8,431
	Quantity not reported.....	..do.....	(X)	(X)	3,315			
28430 81	Bulk surface active agents other than sulfonated oils and fats:							
	Primarily for purposes other than for detergents (emulsifiers, penetrants, wetting agents, etc.) ⁸		(X)	(X)	991,784	(X)	(X)	70,426
28430 91	Primarily for detergent purposes ⁸		(X)	(X)	96,894	(X)	(X)	70,114
28430 00	Surface active agents, finishing agents, sulfonated oils and assistants, n.s.k.....		(X)	(X)	12,218	(X)	(X)	5,347
Product code	Product	Unit of measure	Total shipments including interplant transfers					
			1963		1958		Quantity	Value (\$1,000)
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		
2844- --	PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS, TOTAL.....		(X)	1,858,586	(X)	1,126,031		
28441 --	Shaving preparations, total.....		(X)	111,144	(X)	74,944		
	Soap or soap base:							
	Lather cream:							
28441 31	Tube and jar.....	1,000 lbs.....	14,308	10,659	5,292	5,980		
28441 35	Aerosols.....	..do.....	39,458	35,793	24,412	22,417		
28441 41	Stick, powder, or cake.....	..do.....	(S)	4,981	(X)	3,560		
	Shaving preparations, brushless (nonsoap base):							
28441 52	Tube and jar.....	..do.....	(S)	4,187	6,216	6,108		
28441 54	Aerosols.....	..do.....	(S)	414	3,810	4,923		
28441 56	Aftershave preparations (all forms).....	1,000 gals.....	(X)	42,828	2,189	27,836		
28441 59	Other shaving preparations, including preshave preparations and styptics.....		(X)	11,211	(X)	4,120		
28441 00	Shaving preparations, n.s.k.....		(X)	1,071	(X)	(X)		
28442 --	Perfumes, toilet water, and colognes, total.....		(X)	208,617	(X)	103,449		
28442 11	Perfume oil mixtures and blends.....		(X)	38,064	(X)	24,572		
28442 23	Perfumes (liquid and solid).....		(X)	57,876	(X)	17,854		
28442 32	Toilet waters and colognes (liquid and solid).....		(X)	107,962	(X)	58,048		
28442 00	Perfumes, toilet water, and colognes, n.s.k.....		(X)	4,715	(X)	2,975		
28443 --	Hair preparations (including shampoos), total.....		(X)	592,667	(X)	315,804		
	Shampoos, including products with additives for tints, coloring, or dandruff removal:							
28443 13	Soap (all forms).....		(S)	6,887	(X)	27,400		
	Synthetic organic detergents:							
	Liquid:							
28443 16	Quantity reported.....	1,000 gals.....	12,616	74,278	} 6,476	49,350		
	Quantity not reported.....	..do.....	(X)	5,751				
28443 18	Pastes, creams, and jellies:							
	Unit price less than \$1.59 per 1,000 lbs.....	1,000 lbs.....	11,047	10,580	} 18,227	17,885		
	Unit price above \$1.59 per 1,000 lbs.....	..do.....	9,684	29,369				
28443 21	Hair tonics, including hair and scalp conditioners.....	1,000 gals.....	2,695	44,497	3,342	22,856		
	Permanent cold wave solutions, neutralizers, and rinses:							
28443 36	Home wave kits (complete and refill).....		(X)	42,670	(X)	43,692		
28443 39	Commercial.....	1,000 gals.....	1,630	22,125	(X)	17,000		
28443 41	Hair dressings, including brilliantines, creams, and pomades....		(X)	85,144	(X)	36,104		
28443 51	Hair coloring preparations (bleaches, dyes, rinses, tints, etc.)		(X)	93,172	(X)	32,162		

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2844- --	PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS—Continued					
28443 --	Hair preparations (including shampoos)—Continued					
28443 63	Wave set preparations:					
28443 65	Liquid hair spray.....		(S)	144,078	}	(X) 34,845
	Hair rinses.....		(S)	14,192		
28443 98	Other hair preparations, including heat setting wave solutions and bulk concentrates.....		(X)	8,230	(X)	26,807
28443 00	Hair preparations, n.s.k.....		(X)	11,694	(X)	7,703
28444 --	Dentifrices, mouthwashes and related products, total.....		(X)	228,382	(X)	197,833
28444 11	Tooth paste, including aerosols.....	1,000 lbs....	132,536	175,292	112,873	156,712
28444 31	Tooth powder.....	do.....	2,228	3,163	3,914	4,135
28444 51	Denture cleaner.....	do.....	(S)	17,426	7,922	6,257
28444 71	Mouthwashes, rinses, and breath sweeteners ¹⁰		(X)	19,702	(X)	21,941
28444 98	Other oral hygiene products, including dental floss and dental adhesives, excluding tooth brushes and tooth picks.....		(X)	11,909	(X)	8,199
28444 00	Dentifrices, mouthwashes and related products, n.s.k.....		(X)	890	(X)	589
28445 --	Other cosmetics and toilet preparations, total.....		(X)	698,211	(X)	418,400
	Creams, excluding shaving, hair, and deodorant:					
28445 11	Cleansing creams.....		(X)	23,634	(X)	24,221
28445 12	Foundation creams.....		(X)	25,769	(X)	6,829
28445 13	Lubricating creams, including hormone creams.....		(X)	32,966	(X)	19,803
28445 14	Other creams.....		(X)	45,835	(X)	14,497
	Lotions and oils, excluding hair, aftershave, and bath:					
28445 15	Suntan, including oils.....		(X)	22,213	(X)	8,515
28445 16	Cleansing lotions.....		(X)	14,538	(X)	12,609
28445 17	Cosmetic oils, including baby oils but excluding suntan oils..		(X)	10,777	(X)	6,821
28445 18	Hand lotions.....		(X)	55,194	(X)	36,825
28445 19	Other lotions and oils, excluding hair, aftershave and bath...		(X)	14,921	(X)	6,474
28445 21	Lip preparations (lipstick, lip rouge, etc.).....	1,000 lbs....	(S)	65,618	(X)	44,432
28445 22	Rouges, excluding lip rouge.....		(X)	4,290	(X)	4,709
28445 23	Eye preparations (mascara, eye shadow, eye liners, eye creams, etc.).....		(X)	41,899	(X)	15,781
	Deodorant (personal):					
28445 24	Liquid.....	1,000 gals....	(S)	53,594	1,807	23,332
28445 25	Cream.....	1,000 lbs....	(NA)	31,191	5,336	15,165
28445 26	All other.....	do.....	(NA)	9,521	4,863	16,312
	Manicuring preparations:					
28445 31	Nail lacquers and enamels.....		(X)	23,184	}	(X) 16,954
28445 33	Nail lacquer and enamel removers.....		(X)	4,855		
28445 39	Other manicuring preparations.....		(X)	1,650	(X)	1,567
	Powder:					
28445 41	Talcum and toilet powder.....	1,000 lbs....	(S)	65,908	35,465	44,806
28445 43	Face powder.....	do.....	(S)	32,288	14,962	22,139
28445 45	Liquid and compact for wet application.....		(X)	21,677	(X)	13,369
28445 48	Other powder, including foot powder, cream, sachet, and paste.		(X)	11,428	(X)	17,296
28445 61	Bath salts, bath oils, and bubble bath.....		(X)	37,001	(X)	11,632
28445 98	Other cosmetics and toiletries, including depilatories.....		(X)	24,582	(X)	14,990
28445 00	Other cosmetics and toiletries, n.s.k.....		(X)	23,678	(X)	19,322
28440 00	Perfumes, cosmetics and other toilet preparations, n.s.k.....		(X)	19,565	(X)	15,601

(NA) Not available. (S) Does not meet publication standards. (X) Not applicable. n.s.k. Not specified by kind.

¹Code 2841111 combined with code 2841121 in 1963.

²A distribution of 1958 data in accordance with the 1963 definitions for codes 2841261 and 2841361 is not available. Therefore, these codes for 1958 are combined as 2841261.

³Includes natural glycerine only. Additional data on quantities produced and quantities and values shipped for synthetic glycerine are shown in the United States Tariff Commission's annual report "Synthetic Organic Chemicals, United States Production and Sales." For 1963 there were 161,648 million pounds produced and 161,911 million pounds shipped at a value of \$26,974 million.

⁴Includes both natural and synthetic glycerine.

⁵Code 2841531 combined with code 2841535 in 1963.

⁶In 1958 represents repellants only.

⁷Includes figures for egg yolk, wetting agents, waterproofing emulsions, mordants other than tannic acid and an undetermined quantity of sizes, soaps, and synthetic detergents.

⁸Data on quantities produced and quantities and values shipped for many of the synthetic organic chemicals included in this grouping are shown in the United States Tariff Commission's annual report, "Synthetic Organic Chemicals, United States Production and Sales."

⁹Also see mono- and di-glycerides, code 2096121, industry 2096, Shortening and Cooking Oils.

¹⁰Also see mouth and throat preparations, code 2834875, industry 2834, Pharmaceutical Preparations.

**TABLE 6B. Product Classes—Indexes of Production and
Unit Value for Primary Products Shipped by
All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
284	Cleaning and toilet goods.....1963.. 1958..	(¹) (¹)	(¹) (¹)
2841	Soap and other detergents, except specialty cleaners.....1963.. 1958..	160 125	106 108
28411	Alkaline detergents and acid-type cleaners.....1963.. 1958	178 143	160 131
28412	Soaps, except specialty cleaners, nonhousehold.....1963.. 1958..	88 97	102 114
28413	Soaps, except specialty cleaners, household.....1963.. 1958..	81 82	117 114
28414	Glycerine, natural only.....1963.. 1958..	210 105	56 89
28415	Synthetic organic detergents, household.....1963.. 1958..	204 154	100 104
28416	Synthetic organic detergents, nonhousehold.....1963.. 1958..	263 166	106 98
2842	Specialty cleaning, polishing, and sanitation preparations, except soap and detergents.....1963.. 1958..	(¹) (¹)	(¹) (¹)
28424	Polishing preparations and related products.....1963.. 1958..	104 101	118 106
2843	Surface active agents, finishing agents, sulfonated oils and assistants.....1963.. 1958..	(¹) (¹)	(¹) (¹)
2844	Perfumes, cosmetics, and other toilet preparations.....1963.. 1958..	(¹) (¹)	(¹) (¹)
28444	Dentifrices, mouthwashes, and related products.....1963.. 1958..	177 156	97 97

¹Not shown because comparable quantity data were not obtained for a significant portion of these products.

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2841-	Soap and other detergents.....	1,780,711	1,706,608	1,636,199	1,586,694	1,564,298	1,463,841	1,079,860	(NA)
28411	Akaline detergents and acid type cleaners..	224,919	189,199	178,386	163,222	144,949	144,481	(NA)	(NA)
28412	Soaps, except specialty cleaners, bulk.....	58,733	51,718	53,533	51,224	53,175	73,691	49,021	101,781
28413	Soaps, except specialty cleaners, packaged.	296,319	282,694	288,057	286,490	305,195	288,462	331,034	(NA)
28414	Glycerine.....	38,519	64,708	74,241	91,205	82,564	70,374	75,810	88,576
28415	Synthetic organic detergents, packaged.....	1,029,369	997,585	935,562	891,754	882,390	813,125	504,144	93,242
28416	Synthetic organic detergents, bulk.....	115,284	111,555	97,174	90,525	87,238	66,904	41,159	(NA)
28410	Soap and other detergents, except specialty cleaners, n.s.k.....	17,568	9,149	(S)	(S)	(S)	6,804	(NA)	(NA)
2842-	Polishes and sanitation goods.....	747,836	758,380	686,211	659,859	644,556	536,334	417,358	(NA)
28421	Household insecticides and repellants.....	110,841	115,021	93,903	86,709	86,421	85,918	60,635	(NA)
28423	Specialty cleaning and sanitation products.	331,710	349,611	301,891	266,527	255,902	181,477	(NA)	(NA)
28424	Polishing preparations and related products	278,802	267,350	266,642	270,666	264,266	240,316	225,555	110,147
28420	Specialty cleaning, polishing, and sanitation preparations, except soap and detergents, n.s.k.....	26,483	26,398	(S)	(S)	(S)	28,623	(NA)	(NA)
2843-	Surface active agents.....	283,645	276,974	271,086	249,138	243,372	209,807	165,884	(NA)
2844-	Toilet preparations.....	1,858,586	1,616,164	1,496,855	1,360,223	1,276,033	1,126,031	728,681	(NA)
28441	Shaving preparations.....	111,144	103,810	87,068	85,566	79,896	74,944	55,220	(NA)
28442	Perfumes, toilet water, and colognes.....	208,617	189,653	182,810	149,028	139,573	103,449	77,041	(NA)
28443	Hair preparations (including shampoos).....	592,667	440,917	397,985	364,644	324,607	315,804	220,422	92,298
28444	Dentifrices, including mouthwashes, gargles, and rinses.....	228,382	218,577	217,369	208,663	206,311	197,833	130,789	93,083
28445	Other cosmetics and toilet preparations....	698,211	660,356	604,864	533,167	509,510	418,400	238,380	(NA)
28440	Toilet preparations, n.s.k.....	19,565	(S)	(S)	(S)	(S)	15,601	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
ALKALINE DETERGENTS AND ACID TYPE CLEANERS (28411)			SOAP, EXCEPT SPECIALTY CLEANERS, PACKAGED (28413)—Continued			HOUSEHOLD INSECTICIDES AND REPELLENTS (28421)—Con.		
United States, total.....	224,919	144,481	East North Central.....	132,870	93,289	East North Central.....	37,329	25,013
New England.....	4,650	2,959	Illinois.....	67,483	38,744	Illinois.....	16,128	14,341
Massachusetts.....	1,620	(2)	West North Central.....	27,047	29,837	West North Central.....	16,882	14,862
Connecticut.....	2,781	1,988	South and West.....	63,693	76,739	Missouri.....	8,331	6,596
Middle Atlantic.....	58,398	44,212	GLYCERINE (28414)			South.....	21,659	17,547
New York.....	11,403	19,514	United States, total.....	38,519	70,374	Georgia.....	3,818	1,666
New Jersey.....	42,189	21,395	Northeast.....	7,849	14,841	Florida.....	1,818	-
Pennsylvania.....	4,806	3,303	North Central.....	18,798	21,614	Tennessee.....	6,845	(2)
East North Central.....	83,700	67,412	Illinois.....	6,811	5,691	West.....	11,247	4,049
Ohio.....	17,217	22,405	South.....	6,017	27,489	California.....	10,807	3,913
Indiana.....	7,623	1,503	Pacific.....	5,855	6,430	SPECIALTY CLEANING AND SANITATION PRODUCTS (28423)		
Illinois.....	35,764	22,598	SYNTHETIC ORGANIC DETERGENTS, PACKAGED (28415)			United States, total.....	331,719	181,477
Michigan.....	21,260	18,489	United States, total.....	1,029,369	813,125	New England.....	14,032	9,812
Wisconsin.....	1,836	2,417	Northeast.....	210,209	207,304	Massachusetts.....	6,962	6,877
West North Central.....	24,818	7,913	New Jersey.....	110,916	(2)	Connecticut.....	6,753	(2)
Missouri.....	8,036	2,958	East North Central.....	302,708	281,177	Middle Atlantic.....	80,957	50,469
South Atlantic.....	8,453	3,551	Illinois.....	45,112	47,206	New York.....	33,880	29,247
Georgia.....	5,867	1,972	West North Central.....	192,406	131,127	New Jersey.....	33,163	15,145
East South Central.....	7,317	1,089	South and West.....	324,046	193,517	Pennsylvania.....	13,914	6,077
West South Central.....	10,104	2,568	SYNTHETIC ORGANIC DETERGENTS, BULK (28416)			East North Central.....	155,745	67,924
Texas.....	9,748	2,278	United States, total.....	115,284	66,904	Ohio.....	46,804	25,330
West.....	27,479	14,777	New England.....	3,227	2,332	Indiana.....	8,133	4,978
California.....	25,963	13,639	Massachusetts.....	1,815	1,556	Illinois.....	78,461	32,973
SOAP, EXCEPT SPECIALTY CLEANERS, BULK (28412)			Middle Atlantic.....	38,223	20,110	Michigan.....	10,980	3,057
United States, total.....	58,733	73,691	New Jersey.....	12,199	6,601	Wisconsin.....	11,367	1,586
New England.....	2,829	4,702	East North Central.....	48,795	31,165	West North Central.....	16,012	8,325
Massachusetts.....	1,988	4,108	Ohio.....	12,841	4,048	Iowa.....	1,485	(2)
Middle Atlantic.....	15,107	9,227	Indiana.....	4,410	4,561	Missouri.....	11,207	5,953
New York.....	4,951	3,036	Illinois.....	21,452	19,163	South Atlantic.....	24,825	14,988
New Jersey.....	5,101	4,006	Michigan.....	8,089	(2)	Maryland.....	11,894	5,346
Pennsylvania.....	5,055	2,185	Wisconsin.....	2,003	(2)	Georgia.....	9,047	6,821
East North Central.....	16,253	21,548	West North Central.....	5,012	3,046	Florida.....	1,070	1,081
Ohio.....	4,267	6,038	Missouri.....	3,245	2,242	East South Central.....	3,221	12,553
Indiana.....	1,697	2,487	South.....	11,287	3,204	Tennessee.....	2,614	(2)
Illinois.....	8,244	11,880	Maryland.....	1,901	(2)	West South Central.....	10,951	4,390
Michigan.....	1,232	(2)	Georgia.....	4,603	1,188	Texas.....	10,254	(2)
West North Central.....	7,486	5,669	Texas.....	3,259	(2)	West.....	25,967	13,016
Iowa.....	1,534	(2)	West.....	8,740	7,047	California.....	25,248	12,470
Missouri.....	5,236	3,892	California.....	8,353	6,779	POLISHING PREPARATIONS AND RELATED PRODUCTS (28424)		
South Atlantic.....	3,882	(2)	HOUSEHOLD INSECTICIDES AND REPELLENTS (28421)			United States, total.....	278,802	240,316
Georgia.....	1,648	846	United States, total.....	110,841	85,918	New England.....	25,515	25,176
East South Central.....	1,002	(2)	New England.....	3,648	3,897	Massachusetts.....	22,618	22,906
West South Central.....	2,808	(2)	Massachusetts.....	2,840	2,603	Middle Atlantic.....	65,588	71,683
Texas.....	2,471	3,451	Middle Atlantic.....	20,076	20,550	New York.....	35,637	47,340
West.....	9,366	5,270	New York.....	7,263	9,068	New Jersey.....	11,824	16,535
California.....	8,740	5,135	New Jersey.....	12,055	10,342	Pennsylvania.....	18,127	7,808
SOAPS, EXCEPT SPECIALTY CLEANERS, PACKAGED (28413)						East North Central.....	144,704	110,631
United States, total.....	296,319	288,462				Indiana.....	7,824	8,542
Northeast.....	72,709	88,597				Illinois.....	40,712	40,015
New York.....	27,350	(2)				Michigan.....	7,897	8,831
New Jersey.....	17,126	22,180				West North Central.....	7,021	8,683

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
POLISHING PREPARATIONS RELATED PRODUCTS (28424)—Continued			SHAVING PREPARATIONS (28441)			HAIR PREPARATIONS (INCLUDING SHAMPOOS) (28443)—Con.		
South.....	22,142	13,598	United States, total.....	111,144	74,944	South.....	7,643	10,106
Maryland.....	1,868	3,046	Northeast.....	68,000	49,939	Tennessee.....	4,885	4,416
Georgia.....	8,079	5,570	New York.....	10,600	4,203	West.....	22,095	11,999
Florida.....	2,240	1,534	New Jersey.....	45,517	40,291	California.....	21,974	11,086
Texas.....	1,311	802	East North Central.....	19,578	22,799	DENTIFRICES, INCLUDING MOUTHWASHES, GARGLES, AND RINSES (28444)		
West.....	13,832	10,545	West North Central.....	4,471		United States, total.....	228,382	197,833
California.....	12,948	9,432	South.....	15,220		Northeast.....	75,208	80,608
			Pacific.....	3,875		New York.....	14,879	5,725
SURFACE ACTIVE AND FIN- ISHING AGENTS (28430)			PERFUMES, TOILET WATER, AND COLOGNES (28442)			New Jersey.....	56,804	58,783
United States, total.....	283,645	209,807	United States, total.....	208,617	103,449	North Central.....	143,519	107,547
New England.....	25,662	13,658	New England.....	8,960	(Z)	Michigan.....	1,586	(Z)
Massachusetts.....	18,968	10,072	Middle Atlantic.....	149,826	(Z)	South and West.....	9,655	9,678
Rhode Island.....	5,182	3,586	New York.....	102,252	45,587	OTHER COSMETICS AND TOILET PREPARATIONS (28445)		
Connecticut.....	1,512	(Z)	East North Central.....	31,435	15,185	United States, total.....	698,211	418,400
Middle Atlantic.....	114,100	79,268	West North Central.....	1,229	1,002	New England.....	47,443	38,466
New York.....	14,164	7,448	South.....	3,591	(Z)	Middle Atlantic.....	360,552	234,722
New Jersey.....	72,521	47,388	Tennessee.....	2,837	(Z)	New Jersey.....	196,559	152,097
Pennsylvania.....	27,415	24,432	Pacific.....	13,575	(Z)	East North Central.....	150,414	84,810
North Central.....	50,393	33,430	California.....	13,132	6,375	Ohio.....	27,802	(Z)
Ohio.....	17,776	5,278	HAIR PREPARATIONS (INCLUDING SHAMPOOS) (28443)			Illinois.....	113,641	66,912
Illinois.....	18,907	18,599	United States, total.....	592,667	315,804	Wisconsin.....	2,668	(Z)
Michigan.....	6,655	7,857	New England.....	114,626	22,738	West North Central.....	13,135	10,945
South Atlantic.....	52,136	27,873	Middle Atlantic.....	133,828	108,439	Missouri.....	6,825	5,549
North Carolina.....	9,902	6,507	New Jersey.....	88,142	48,169	South.....	54,622	15,701
South Carolina.....	5,889	(Z)	East North Central.....	190,728	(Z)	West.....	72,045	33,756
Georgia.....	12,126	(Z)	Illinois.....	153,239	59,817	Texas.....	4,415	3,883
East South Central.....	15,351	6,454	West North Central.....	123,747	(Z)			
Tennessee.....	7,221	(Z)	Minnesota.....	92,168	51,395			
West South Central.....	12,841	21,096						
Louisiana.....	3,935	21,096						
Texas.....	8,906							
West.....	13,162	(Z)						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million reported.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28411-Minnesota, Iowa, Tennessee, Mississippi; 28412-Maryland; 28413-Massachusetts, Pennsylvania, Ohio, Indiana, Missouri, Nebraska, Kansas, Maryland, Texas, California; 28414-New York, New Jersey, Ohio, Indiana, Kansas, Maryland, California; 28415-Massachusetts, New York, Pennsylvania, Ohio, Indiana, Michigan, Wisconsin, Kansas, Maryland, South Carolina, Georgia, Florida, Texas, California; 28416-New York, Pennsylvania; 28421-Indiana, Michigan, Wisconsin, Minnesota, Kansas, Louisiana; 28423-Nebraska, South Carolina; 28424-Connecticut, Ohio, Wisconsin, Tennessee; 28430-Kansas, Delaware, Maryland, West Virginia, Kentucky, California; 28441-Massachusetts, Indiana, Illinois, Minnesota, Missouri, Kansas, Maryland, Georgia, Tennessee, California; 28442-Massachusetts, Connecticut, New Jersey, Pennsylvania, Ohio, Illinois; 28443-Massachusetts, Connecticut, New York, Pennsylvania, Ohio, Indiana, Iowa, Missouri, Kansas; 28444-Pennsylvania, Ohio, Indiana, Illinois, Iowa, Missouri, Kansas, West Virginia, California; 28445-Massachusetts, Connecticut, New York, Pennsylvania, Indiana, Michigan, Minnesota, Maryland, Virginia, West Virginia, Tennessee, Nevada, California.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Basis	Unit of measure	1963			1958		
				Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant (quantity)	Quantity	Delivered cost (\$1,000)
					Quantity	Delivered cost (\$1,000)			
INDUSTRY 2841.—SOAP AND OTHER DETERGENTS									
	Material, containers, and supplies, total.....			(X)	(X)	883,836	(X)	(X)	707,612
284309	Bulk surface active agents, except sulfonated oils and fats.....	Active wt...	1,000 lbs.	882,429	765,529	93,666	116,900	310,919	48,418
284308	Other emulsifiers, wetting agents, penetrants, etc....	Active wt...	do.....	117,470	116,589	12,886	881	103,093	11,250
284421	Perfume oil mixtures and blends.....			(X)	(X)	23,049	(X)	(X)	(NA)
284141	Glycerine.....	100%.....	1,000 lbs.	88,200	68,328	9,498	19,872	(X)	(NA)
209411	Grease and inedible tallow.....		do.....	951,342	951,342	55,870	(X)	(X)	(NA)
281971	Potassium pyrophosphate (TKPP).....	100% K ₄ P ₂ O ₇ ...	Short tons	(S)	(S)	5,983	(X)	(X)	(NA)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O...	do.....	145,480	145,480	4,884	(X)	112,159	4,463
281238	Sodium hydroxide (caustic soda).....	100% NaOH...	do.....	260,943	260,943	19,998	(X)	225,264	16,787
281972	Sodium tripolyphosphate (STPP).....	100% Na ₅ P ₃ O ₁₀ ...	do.....	696,197	696,197	96,931	(X)	476,274	80,857
281973	Tetrasodium pyrophosphate (TSPP).....	100% Na ₄ P ₂ O ₇ ...	do.....	109,209	109,209	13,887	(X)	56,470	9,218
281974	Trisodium phosphate (TSP).....	100% Na ₃ PO ₄ ...	do.....	(S)	(S)	3,869	(X)	30,767	4,914
209011	Vegetable oil.....		1,000 lbs.	387,227	387,120	47,201	107	(X)	(X)
265011	Containers: Paperboard.....			(X)	(X)	90,254	(X)	(X)	78,180
340001	Metal.....			(X)	(X)	18,946	(X)	(X)	39,090
322102	Glass.....			(X)	(X)	8,369	(X)	(X)	12,128
307901	Plastic.....			(X)	(X)	63,477	(X)	(X)	1,739
970099	All other materials and components, parts, containers and supplies consumed.....			(X)	(X)	275,644	(X)	(X)	379,106
976000	Materials, containers, supplies, n.s.k.....			(X)	(X)	139,424	(X)	(X)	121,462
INDUSTRY 2842.—POLISHES AND SANITATION GOODS									
	Material, containers, and supplies, total.....			(X)	(X)	280,944	(X)	(X)	242,290
284309	Bulk surface active agents, except sulfonated oils and fats.....	Active wt...	1,000 lbs.	29,970	29,637	5,099	333	5,759	1,356
284308	Other emulsifiers, wetting agents, penetrants, etc....	Active wt...	do.....	13,707	11,858	3,739	1,849	12,526	3,324
284421	Perfume oil mixtures and blends.....			(X)	(X)	2,253	(X)	(X)	(X)
284141	Glycerine.....	100%.....	1,000 lbs.	(D)	1,278	262	(D)	(X)	(X)
209411	Grease and inedible tallow.....		do.....	4,112	4,112	465	(X)	(X)	(X)
281971	Potassium pyrophosphate (TKPP).....	100% K ₄ P ₂ O ₇ ...	Short tons	494	494	110	(X)	(X)	(X)
281228	Sodium carbonate (soda ash).....	58% Na ₂ O...	do.....	6,470	6,470	281	(X)	1,700	77
281238	Sodium hydroxide (caustic soda).....	100% NaOH...	do.....	10,604	10,604	1,067	(X)	13,403	1,357
281972	Sodium tripolyphosphate (STPP).....	100% Na ₅ P ₃ O ₁₀ ...	do.....	6,571	6,571	780	(X)	1,951	336
281973	Tetrasodium pyrophosphate (TSPP).....	100% Na ₄ P ₂ O ₇ ...	do.....	228	228	50	(X)	716	147
281974	Trisodium phosphate (TSP).....	100% Na ₃ PO ₄ ...	do.....	2,568	2,568	333	(X)	4,665	459
209011	Vegetable oil.....		1,000 lbs.	4,559	4,559	680	(X)	(X)	(X)
265011	Containers: Paperboard.....			(X)	(X)	9,080	(X)	(X)	4,283
340001	Metal.....			(X)	(X)	50,732	(X)	(X)	22,888
322102	Glass.....			(X)	(X)	9,725	(X)	(X)	5,499
307901	Plastic.....			(X)	(X)	4,893	(X)	(X)	687
970099	All other materials and components, parts, containers and supplies consumed.....			(X)	(X)	123,475	(X)	(X)	167,772
976000	Materials, containers, supplies, n.s.k.....			(X)	(X)	167,920	(X)	(X)	134,105
INDUSTRY 2844.—TOILET PREPARATIONS									
	Materials, containers, and supplies, total.....			(X)	(X)	504,739	(X)	(X)	317,196
307901	Containers: Plastics.....			(X)	(X)	59,045	(X)	(X)	24,560
322102	Glass.....			(X)	(X)	72,235	(X)	(X)	52,391
260091	Paper and paperboard.....			(X)	(X)	55,351	(X)	(X)	44,959
340001	Metal.....			(X)	(X)	69,530	(X)	(X)	38,917
970099	All other materials and components, parts, containers, and supplies consumed.....			(X)	(X)	204,677	(X)	(X)	130,600
976000	Materials, containers, supplies, n.s.k.....			(X)	(X)	143,901	(X)	(X)	125,769

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Soap and other detergents (SIC 2841)	Polishes and sanitation goods (SIC 2842)	Surface active agents (SIC 2843)	Toilet preparations (SIC 2844)
Total cost of purchased fuels and electric energy.....\$1,000..	13,203	4,350	1,790	3,266
Total cost of purchased fuels.....do....	9,002	1,728	1,189	1,249
Bituminous coal, lignite, and anthracite:				
Quantity.....1,000 short tons..	264	(S)	(S)	(S)
Cost.....\$1,000..	1,915	(S)	(S)	(S)
Coke and breeze:				
Quantity.....1,000 short tons..	(S)	-	-	-
Cost.....\$1,000..	(S)	-	-	-
Fuel oil (distillate and residual):				
Quantity.....1,000 barrels of 42' gallons..	690	124	192	203
Cost.....\$1,000..	2,320	421	592	683
Gas (natural, manufactured, still, blast furnace, and coke oven):				
Quantity.....million cu.ft..	10,607	1,037	1,108	394
Cost.....\$1,000..	4,007	469	467	277
Other fuels.....do....	547	601	102	219
Electric energy:				
Purchased:				
Quantity.....million kw.-hrs..	319	(S)	51	119
Cost.....\$1,000..	4,201	(S)	601	2,017
Generated less sold.....million kw.-hrs..	96	(S)	(S)	-
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	295	112	29	70
Prime movers, total.....do....	101	5	4	3
Driving generators.....do....	54	3	2	1
Not driving generators.....do....	47	2	2	2
Electric motors, total.....do....	244	108	26	66
Driven by purchased energy.....do....	194	106	26	66
Driven by energy generated at establishment.....do....	51	2	(Z)	-
Aggregate horsepower per 100 production workers.....	1,507	1,081	1,823	335

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2841-	SOAP AND OTHER DETERGENTS, EXCEPT SPECIALTY CLEANERS										
	Entire industry.....	704	30,794	214,144	20,116	41,005	127,611	1,137,425	990,492	2,127,789	44,056
	Establishments with—										
	90% or more specialization...	488	13,743	97,611	9,104	19,069	59,528	564,846	481,801	1,039,463	14,880
	75-89% specialization.....	86	4,163	30,833	2,671	5,575	17,957	163,486	145,889	315,773	2,843
28411	Alkaline detergents and acid type cleaners (primary product class of estab.).....	202	4,456	27,109	2,014	4,142	10,021	139,299	102,594	240,037	4,057
	Establishments with—										
	90% or more specialization....	90	1,420	8,863	646	1,313	3,057	51,008	33,403	83,768	1,667
	75-89% specialization.....	25	302	1,462	203	396	885	9,915	9,302	18,592	228
28412	Soaps, except specialty cleaners, bulk (primary product class of estab.).....	103	1,384	8,426	782	1,527	3,613	16,298	22,574	38,859	(D)
	Establishments with—										
	90% or more specialization....	56	239	1,195	135	264	672	2,286	3,626	5,910	(D)
	75-89% specialization.....	12	226	1,322	115	236	485	2,587	3,197	5,836	(D)
28413	Soaps, except specialty cleaners, packaged (primary product class of estab.).....	54	3,282	22,279	2,035	4,215	10,889	80,209	94,129	170,936	876
	Establishments with—										
	90% or more specialization....	29	515	2,668	407	849	1,930	5,093	6,827	11,868	157
28415	Synthetic organic detergents, packaged (primary product class of estab.).....	86	18,673	137,574	13,875	28,257	96,186	858,366	714,008	1,576,799	24,509
	Establishments with—										
	90% or more specialization....	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	75-89% specialization.....	13	3,545	26,312	2,726	5,643	18,940	175,527	143,140	317,638	2,772
28416	Synthetic organic detergents, bulk (primary product class of estab.).....	130	1,951	12,372	899	1,822	4,449	33,234	39,179	72,485	1,669
	Establishments with—										
	90% or more specialization....	54	367	2,414	157	302	739	5,693	8,551	14,270	188
2842-	POLISHES AND SANITATION GOODS										
	Entire industry.....	1,101	16,332	96,586	9,477	18,971	42,342	420,440	335,132	757,179	13,306
	Establishments with—										
	90% or more specialization...	882	7,842	43,508	5,012	10,073	22,267	228,333	172,990	402,903	6,680
	75-89% specialization.....	69	2,057	12,275	1,152	2,422	5,597	67,782	46,410	114,551	2,465
28421	Household insecticides and repellants (primary product class of estab.).....	120	1,773	8,899	1,161	2,287	4,646	45,736	50,888	96,372	663
	Establishments with—										
	90% or more specialization....	84	753	3,814	514	1,020	2,069	21,315	22,535	43,072	301
	75-89% specialization.....	7	327	1,588	211	421	778	3,421	9,970	13,404	90
28423	Specialty cleaning and sanitation products (primary product class of estab.).....	340	6,632	39,713	3,807	7,685	17,115	167,125	142,655	309,137	6,363
	Establishments with—										
	90% or more specialization....	218	1,603	8,645	922	1,867	3,849	32,206	28,794	60,692	1,279
	75-89% specialization.....	27	364	1,994	247	496	1,123	19,895	15,808	35,552	539
28424	Polishing preparations and related products (primary product class of estab.).....	252	6,052	39,910	3,231	6,470	16,020	189,589	120,119	312,237	5,045
	Establishments with—										
	90% or more specialization....	159	2,337	14,239	1,390	2,839	6,498	58,096	41,694	99,793	1,164
2843-	SURFACE ACTIVE AGENTS										
	Entire industry.....	148	4,108	31,893	2,162	4,586	12,795	75,698	101,472	177,821	7,183
	Establishments with—										
	90% or more specialization...	98	1,627	12,725	876	1,811	4,953	32,193	47,956	80,163	2,976
	75-89% specialization.....	19	599	4,008	358	740	1,825	11,583	16,882	28,575	899

See footnotes at end of table.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963—Continued

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2844-	TOILET PREPARATIONS										
	Entire industry.....	707	34,338	183,219	21,554	42,448	92,477	1,232,883	565,105	1,792,662	20,186
	Establishments with—										
	90% or more specialization..	641	27,779	145,634	17,768	35,023	74,898	989,571	440,102	1,424,348	14,772
	75-89% specialization.....	32	2,305	13,771	1,186	2,342	5,405	66,814	45,877	112,573	930
28441	Shaving preparations (primary product class of estab.).....	8	430	1,938	315	629	1,055	14,420	6,238	20,461	193
28442	Perfumes, toilet water, and colognes (primary product class of estab.).....	85	2,263	12,483	1,164	2,200	4,425	44,619	33,929	77,229	755
	Establishments with—										
	90% or more specialization....	50	723	5,480	332	639	1,530	16,837	14,188	31,066	312
	75-89% specialization.....	14	320	1,318	232	436	724	4,544	5,883	10,144	142
28443	Hair preparations (including shampoos) (primary product class of estab.).....	210	9,910	53,072	5,843	11,514	24,026	313,915	191,436	502,622	6,576
	Establishments with—										
	90% or more specialization....	155	5,271	28,519	3,111	6,137	12,692	213,006	108,864	319,903	3,783
	75-89% specialization.....	23	2,215	13,803	986	1,892	4,267	50,472	39,142	88,970	1,307
28444	Dentifrices, including mouthwashes, gargles, and rinses (primary product class of estab.)..	25	1,331	8,448	906	1,825	5,098	155,886	58,351	213,831	953
28445	Other cosmetics and toilet preparations (primary product class of estab.).....	223	19,423	104,194	12,633	24,924	55,971	692,916	267,454	959,675	10,803
	Establishments with—										
	90% or more specialization....	143	4,851	21,992	3,499	6,897	13,565	104,084	57,931	164,182	1,597
	75-89% specialization.....	28	3,907	21,224	2,208	4,412	9,245	107,459	38,944	144,267	2,404

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

PAINTS AND ALLIED PRODUCTS AND GUM AND WOOD CHEMICALS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2851—Paints, Varnishes, Lacquers, Enamels, and Allied Products

2861—Gum and Wood Chemicals

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2851—PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS

This industry comprises establishments primarily engaged in the manufacture of paints (in paste and ready-mixed form), varnishes, lacquers, enamels, and shellac; putties and caulking compounds; wood fillers and sealers; paint and varnish removers; paint brush cleaners, and allied paint products. For a detailed list of products of industry 2851, refer to table 6A, product codes 285110 to 2851971.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1958. The change in the composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census, is due principally to the inclusion of industry 2852, Putty and Caulking Compounds, in 1963. Data shown for years prior to 1963 have been adjusted to include data for industry 2852, Putty and Caulking Compounds.

Value of shipments and other receipts of the Paints and Allied Products Industry totaled \$2,456 million. This amount included shipments of paints and allied products (primary products) valued at \$2,206 million, shipments of other products (secondary products) valued at \$110 million, and miscellaneous receipts, at \$140 million.

This industry's shipments of paints and allied products represented 95 percent of its total product shipments. The industry specialization ratio in 1958 was 94 percent. Secondary products shipped by this industry in 1963 consisted mainly of synthetic resins for protective coatings (\$13 million), glues, adhesives, and sizes (\$12 million), thermo-setting resins and plastics materials (\$8 million), and printing ink (\$8 million).

Shipments of paints and allied products by this industry represented 96 percent of all shipments of these products (\$2,298 million) by all industries. In 1958 the coverage ratio was 95 percent. Other industries shipping paints and allied products consisted mainly of industry 2841, Soaps and Other Detergents, \$6 million; and industry 3299, Nonmetallic Minerals, N.E.C.

The production index for the primary products of the industry increased to 135 in 1963 from the 1958 level of 104. The unit value index for 1963 was 110 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2861—GUM AND WOOD CHEMICALS

This industry comprises establishments primarily engaged in the manufacture of hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, natural tanning materials, tall oil and rosin, and rosin acid products. For a detailed list of products of industry 2861, refer to table 6A, product codes 2861113 to 2861295.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Gum and Wood Chemicals Industry totaled \$213 million. This amount included shipments of gum and wood chemicals (primary products) valued at \$152 million, shipments of other products (secondary products) valued at \$54 million, and miscellaneous receipts, at \$7 million.

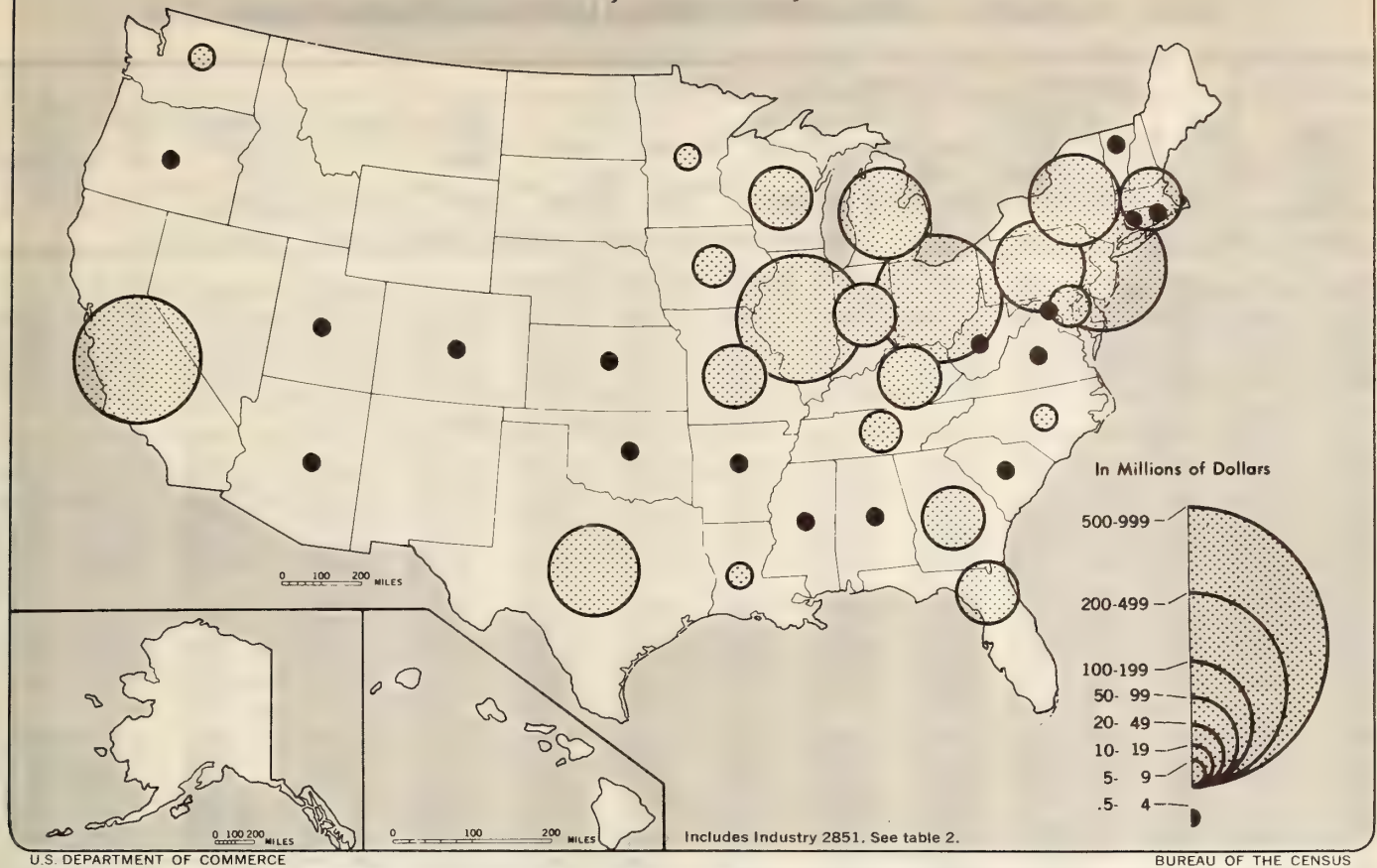
This industry's shipments of gum and wood chemicals represented 74 percent of its total product shipments. The industry specialization ratio in 1958 was 71 percent. Secondary products shipped by this industry in 1963 consisted mainly of insecticidal and fungicidal preparations and glues, adhesives, and sizes.

Shipments of gum and wood chemicals by this industry represented 77 percent of all shipments of these products (\$197 million) by all industries. In 1958 the coverage ratio was 84 percent. Other industries shipping gum and wood chemicals consisted mainly of industry 2631, Paperboard Mills, \$21 million; and industry 2891, Glue and Gelatin.

The production index for the primary products of the industry increased to 111 in 1963 from the 1958 level of 104. The unit value index for 1963 was 139 compared to 115 in 1958. Both indexes were computed on a basis of 1954 = 100.

PAINTS AND ALLIED PRODUCTS: SIC 285

Value Added by Manufacture by State: 1963



GUM AND WOOD CHEMICALS: SIC 286

Value Added by Manufacture by State: 1963

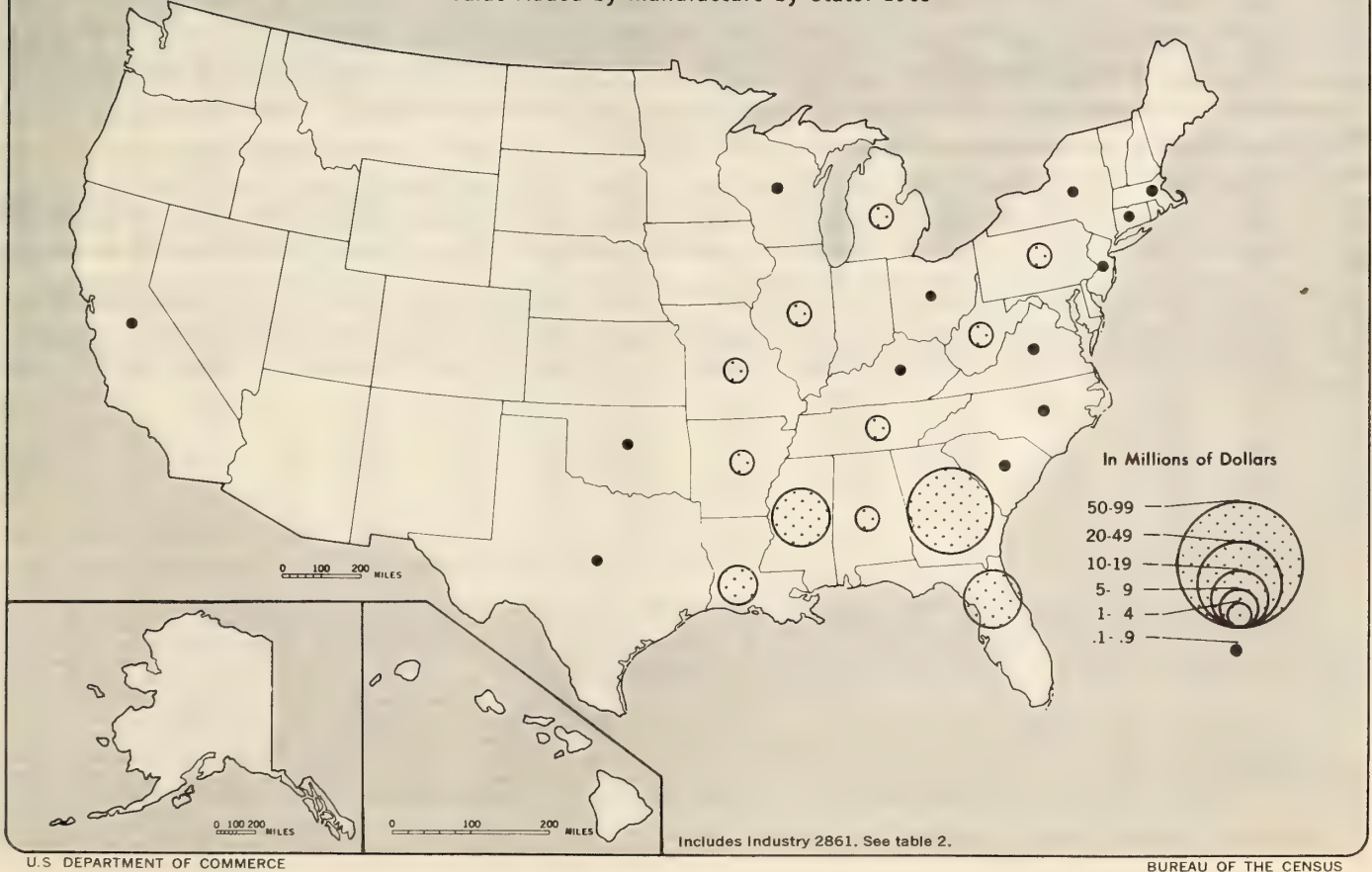


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2851.—PAINTS AND ALLIED PRODUCTS													
1963.....	1,579	1,788	654	61,267	401,240	33,825	69,113	183,533	1,111,681	1,350,239	2,456,361	37,705	95	96
1962 ¹	(NA)	(NA)	(NA)	58,213	374,807	32,305	66,450	168,381	955,903	1,231,769	2,196,004	29,407	(X)	(X)
1961 ¹	(NA)	(NA)	(NA)	58,382	359,841	32,755	65,549	162,430	912,465	1,178,075	2,096,077	26,798	(X)	(X)
1960 ¹	(NA)	(NA)	(NA)	59,183	359,228	33,529	66,724	162,546	902,371	1,209,626	2,119,361	26,363	(X)	(X)
1959 ¹	(NA)	(NA)	(NA)	60,776	349,371	34,255	68,388	162,796	915,804	1,218,951	2,124,731	25,281	(X)	(X)
1958 ²	(NA)	1,709	600	58,770	323,372	33,190	66,906	153,114	806,895	1,072,911	1,878,733	35,363	94	95
	INDUSTRY 2861.—GUM AND WOOD CHEMICALS													
1963.....	229	246	53	6,787	32,682	5,357	10,800	22,884	100,329	114,640	212,850	5,638	74	77
1962 ¹	(NA)	(NA)	(NA)	6,235	29,560	4,936	10,761	20,369	100,543	100,505	199,576	5,172	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	6,675	31,262	5,300	11,371	21,803	99,078	107,455	200,982	6,986	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	6,849	32,124	5,555	12,290	22,901	99,509	112,914	208,310	9,316	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	7,057	31,373	5,786	12,174	22,716	93,857	111,311	202,384	(16,403)	(NA)	(NA)
1958(NEW).....	178	190	41	7,251	30,097	5,916	11,563	21,792	85,302	99,259	182,176	4,928	71	86
1958(OLD) ³	(NA)	180	37	6,791	27,661	5,574	10,853	20,086	74,023	85,621	157,594	4,213	(NA)	(NA)
1957 ¹	(NA)	(NA)	(NA)	7,369	28,902	5,961	12,714	22,175	65,592	(NA)	(NA)	6,947	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	7,121	26,978	5,851	12,686	21,392	68,248	(NA)	(NA)	5,825	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	7,452	28,308	6,232	13,237	21,577	72,309	(NA)	(NA)	8,690	(NA)	(NA)
1954.....	(NA)	117	45	7,245	26,680	6,050	12,764	19,870	61,867	83,584	146,125	7,742	(NA)	(NA)
1953 ¹	(NA)	(NA)	(NA)	8,582	29,334	7,077	14,449	21,975	66,365	(NA)	(NA)	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	7,053	25,253	5,764	11,214	18,429	47,533	(NA)	(NA)	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	7,340	24,828	6,379	12,931	19,773	73,006	(NA)	(NA)	7,313	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	4,454	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	7,271	20,644	6,367	13,402	16,420	40,088	80,887	120,975	4,858	(NA)	(NA)
1947.....	(NA)	117	61	8,447	20,472	7,370	15,434	16,308	62,965	80,734	143,007	3,700	(NA)	(NA)
1939.....	(NA)	858	(NA)	(NA)	(NA)	6,368	(NA)	5,027	20,723	29,867	50,590	(NA)	(NA)	(NA)

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²A revision in the definition of industry 2852, Putty and Caulking Compounds, was introduced in the 1957 Standard Industrial Classification so that data for the industry prior to 1958 are not directly comparable. In addition, a revision in the definition of industry 2851, Paints and Varnishes, was introduced in 1963 which combined industry 2851, Paints and Varnishes, with industry 2852, Putty and Caulking Compound.

³A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification and, therefore, data for years prior to 1958 are not available. Details of this revision are described in the 1958 Census of Manufactures, Volume II, Industry Statistics, Part 1, page 28F-5.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
INDUSTRY 2851.—PAINTS AND ALLIED PRODUCTS													
Total.....	1,788	654	61,267	401,240	33,825	69,113	183,533	1,111,681	1,350,239	2,456,361	37,705	58,770	806,895
New England.....	107	36	2,309	13,531	1,341	2,677	6,337	36,129	43,057	78,108	1,549	2,327	28,170
Massachusetts.....	75	28	1,712	10,056	1,097	2,174	5,282	28,380	33,466	60,768	1,133	1,706	22,200
Rhode Island.....	10	3	274	1,493	85	211	408	3,041	4,218	7,284	(D)	297	2,659
Middle Atlantic....	457	162	15,405	103,049	8,580	17,377	47,553	273,982	313,520	587,229	9,653	16,466	211,948
New York.....	196	46	3,731	25,217	2,140	4,444	10,991	59,474	78,025	137,858	1,539	4,161	53,004
New Jersey.....	171	73	7,022	47,074	4,030	8,039	23,100	139,240	148,868	287,591	3,855	7,197	103,343
Pennsylvania.....	90	43	4,652	30,758	2,410	4,894	13,462	75,268	86,627	161,780	4,259	5,108	55,601
East North Central.	449	187	21,800	146,787	12,076	24,844	67,141	387,023	478,420	864,403	12,495	20,623	298,854
Ohio.....	125	59	6,246	40,573	3,380	6,976	18,323	101,994	127,234	230,016	2,714	6,067	84,438
Indiana.....	33	11	1,470	10,120	725	1,471	3,704	20,621	21,682	42,215	1,152	1,072	11,848
Illinois.....	177	78	9,104	59,840	5,252	10,796	28,817	158,949	213,278	371,542	5,459	8,548	130,982
Michigan.....	79	28	3,843	29,030	2,253	4,623	13,756	82,039	95,564	176,475	2,608	3,808	58,269
Wisconsin.....	35	11	1,137	7,224	466	978	2,541	23,420	20,662	44,155	562	1,128	13,317
West North Central.	113	47	3,816	24,054	2,213	4,567	11,568	75,183	91,568	166,450	1,814	3,898	54,999
Minnesota.....	22	10	606	4,062	335	685	1,826	7,983	11,343	19,287	392	784	8,479
Iowa.....	12	4	518	3,151	331	638	1,803	18,848	16,604	35,510	375	473	11,689
Missouri.....	65	29	2,508	15,638	1,440	3,015	7,408	46,069	59,726	105,511	935	2,466	33,363
South.....	337	126	10,031	60,811	5,314	10,901	25,225	197,341	231,745	427,043	6,957	8,580	114,483
Maryland.....	32	16	1,276	7,663	613	1,295	2,749	18,524	24,865	43,580	594	1,180	15,449
Virginia.....	20	6	418	2,378	229	491	920	4,950	6,985	11,727	129	357	3,462
North Carolina...	23	6	684	4,381	452	766	1,604	9,287	13,008	22,126	171	484	5,213
South Carolina...	4	2	169	847	77	157	224	1,038	2,471	3,608	52	(2)	(2)
Georgia.....	29	14	905	5,330	474	953	2,122	27,752	27,875	55,571	661	843	13,264
Florida.....	59	14	835	4,154	491	997	2,029	21,004	19,772	40,173	368	588	8,340
Kentucky.....	24	14	1,572	11,285	848	1,855	5,000	34,936	41,785	76,785	3,082	1,530	24,380
Alabama.....	9	3	296	1,685	136	288	620	2,800	4,816	7,574	55	271	2,804
Louisiana.....	12	3	240	1,347	147	283	736	5,297	5,638	10,902	94	345	4,970
Oklahoma.....	12	1	182	1,043	81	173	424	2,290	4,057	6,189	231	(2)	(2)
Texas.....	78	37	2,615	15,811	1,312	2,690	6,828	54,622	64,537	118,250	1,095	1,940	28,329
Mountain.....	27	9	452	2,752	228	467	1,175	5,332	9,951	15,317	168	548	5,221
Colorado.....	14	6	286	1,709	137	268	667	3,241	6,421	9,713	52	373	2,974
Pacific.....	298	87	7,454	50,259	4,073	8,280	24,534	136,691	181,978	317,811	5,069	6,328	93,220
Washington.....	25	8	433	2,509	255	482	1,309	7,262	9,112	16,430	169	351	5,274
Oregon.....	23	9	349	2,156	168	300	945	4,990	6,642	11,673	423	264	2,415
California.....	250	70	6,672	45,591	3,650	7,498	22,280	124,439	166,224	289,708	4,477	5,713	85,531
INDUSTRY 2861.—GUM AND WOOD CHEMICALS													
Total.....	246	53	6,787	32,682	5,357	10,800	22,884	100,329	114,640	212,850	5,638	7,251	85,302
Northeast.....	37	6	373	1,793	287	592	1,174	3,754	4,192	7,821	238	375	3,148
New York.....	13	1	117	558	92	210	401	962	1,074	2,007	144	(2)	(2)
East North Central.	29	4	529	2,194	444	892	1,652	4,012	4,313	8,186	203	888	5,892
Illinois.....	11	1	116	493	93	188	349	1,086	1,311	2,451	80	(2)	(2)
West North Central.	48	4	395	1,286	332	695	1,072	3,346	6,625	10,115	1,485	135	580
South Atlantic....	52	17	2,569	13,918	2,000	4,128	9,669	51,382	50,150	101,836	1,999	2,747	45,248
Georgia.....	16	5	1,152	6,701	922	1,798	4,805	34,831	28,117	63,427	1,076	1,170	26,488
Florida.....	18	8	1,151	6,185	847	1,852	4,024	13,102	16,349	29,486	649	(2)	(2)
East South Central.	29	12	1,861	8,685	1,440	2,790	5,895	24,823	33,531	56,913	1,133	2,021	19,988
Alabama.....	12	4	311	1,396	212	451	827	4,132	10,649	13,875	95	439	4,555
West South Central.	36	10	1,014	4,630	817	1,628	3,290	12,649	15,604	27,414	554	1,046	10,198
Arkansas.....	11	2	224	879	185	360	617	2,483	2,787	5,393	141	(2)	(2)
Louisiana.....	9	6	663	3,416	527	1,085	2,425	9,214	12,153	20,479	344	(2)	(2)
Texas.....	10	2	108	278	89	151	199	755	451	1,139	44	(2)	(2)
West.....	15	-	46	176	37	75	132	363	225	565	26	39	248

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2351, Paints and Allied Products: New England—Maine, 2 (1-19); New Hampshire, 2 (1-19); Vermont, 3 (20-99); Connecticut, 15 (209); West North Central—Nebraska, 3 (20-99); Kansas, 11 (100-249); South Atlantic—Delaware, 3 (1-19); District of Columbia, 2 (20-99); West Virginia, 4 (20-99); East South Central—Tennessee, 17 (578); Mississippi, 4 (20-99); West South Central—Arkansas, 5 (20-99); Mountain—Idaho, 1 (1-19); New Mexico, 2 (1-19); Arizona, 5 (20-99); Utah, 4 (20-99); Nevada, 1 (1-19). SIC 2861, Gum and Wood Chemicals: New England—Massachusetts, 9(20-99); Rhode Island, 1 (1-19); Connecticut, 2 (1-19); Middle Atlantic—New Jersey, 2 (1-19); Pennsylvania, 10 (186); East North Central—Ohio, 9 (20-99); Indiana, 2 (1-19); Michigan, 1 (250-499); Wisconsin, 6 (20-99); West North Central—Minnesota, 1 (1-19); Missouri, 46 (250-499); Kansas, 1 (20-99); South Atlantic—Delaware, 1 (1-19); Maryland, 2 (1-19); Virginia, 3 (20-99); West Virginia, 4 (159); North Carolina, 6 (20-99); South Carolina, 2 (1-19); East South Central—Tennessee 5 (374); Mississippi, 9 (1,096); West South Central—Oklahoma, 6 (1-19); Mountain—Arizona, 1 (1-19); Utah, 1 (1-19); Pacific—Washington, 1 (1-19); Oregon, 1 (1-19); California, 11 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Paints and allied products (SIC 2851)	Gum and wood chemicals (SIC 2861)
Primary product specialization ratio ¹.....	.95	.74
Coverage ratio ².....	.96	.77
Establishments, total.....number..	1,788	246
With 1 to 19 employees.....do....	1,134	193
With 20 to 99 employees.....do....	503	99
With 100 employees or more.....do....	151	14
Proprietors and working partners.....do....	396	135
All employees (average for the year).....do....	61,267	6,787
Payroll (all employees), total for year.....\$1,000..	401,240	32,682
Production workers:		
Average for the year.....number..	33,825	5,357
March.....do....	33,110	5,165
May.....do....	33,920	5,509
August.....do....	34,783	5,510
November.....do....	33,487	5,244
Man-hours.....1,000..	69,113	10,800
January-March.....do....	16,515	2,528
April-June.....do....	17,801	2,811
July-September.....do....	17,644	2,821
October-December.....do....	17,153	2,640
Wages.....\$1,000..	183,533	22,884
Cost of materials, etc., total.....do....	1,350,239	114,640
Materials, parts, containers, and supplies consumed.....do....	1,233,360	104,136
Cost of resales.....do....	101,719	4,591
Fuels consumed.....do....	5,841	4,420
Electric energy:		
Purchased:		
Quantity.....million kw.-hrs..	438	116
Cost.....\$1,000..	7,705	1,376
Generated less sold.....million kw.-hrs..	4	74
Contract work.....\$1,000..	1,614	117
Value of shipments (including resales), total.....do....	2,456,361	212,850
Value of resales.....do....	131,140	5,335
Value added by manufacture, adjusted.....do....	1,111,681	100,329
Manufacturers' inventories:		
Beginning of year, total.....do....	324,494	50,426
Finished products.....do....	181,338	25,752
Work-in-process.....do....	17,412	3,851
Materials, supplies, fuel, etc.....do....	125,744	20,823
End of year, total.....do....	340,188	53,750
Finished products.....do....	186,130	27,326
Work-in-process.....do....	18,179	4,396
Materials, supplies, fuel, etc.....do....	135,879	22,028
Expenditures for plant and equipment, total.....do....	39,854	5,765
New, total.....do....	37,705	5,638
New structures and additions to plant.....do....	13,091	1,410
New machinery and equipment.....do....	24,614	4,228
Used plant and equipment.....do....	2,149	127
Selected operating ratios:		
Payroll/Total employment.....	6,549	4,815
Production workers/Total employment.....	.55	.79
Man-hours/Production workers.....	2,043	2,016
Production worker wages/Man-hours.....	2.66	2.15
Cost of materials and payrolls/Total value of shipments.....	.71	.69
Cost of materials/Total value of shipments.....	.55	.54
Adjusted value added/Total employment.....	18,145	14,782
Salaries and wages/Adjusted value added.....	.36	.33

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fraction of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2851.—PAINTS AND ALLIED PRODUCTS										
Establishments.....number..	1,788	500	309	325	343	160	114	29	6	2	-
All employees:											
Total.....do....	61,267	977	2,126	4,453	10,449	11,282	17,028	9,182	5,770	(D)	-
Payroll.....\$1,000..	401,240	5,859	12,402	27,133	66,734	72,472	114,213	62,785	39,642	(D)	-
Value added, adjusted.....do....	1,111,681	15,029	30,641	65,051	155,933	197,118	310,758	218,913	118,238	(D)	-
Value of shipments.....do....	2,456,361	38,531	74,972	156,721	369,393	437,116	700,870	453,387	225,371	(D)	-
Capital expenditures, new...do....	37,705	12,641	1,072	2,167	5,304	5,282	12,522	5,946	2,771	(D)	-
	INDUSTRY 2861.—GUM AND WOOD CHEMICALS										
Establishments.....number..	246	114	45	34	26	14	9	2	2	-	-
All employees:											
Total.....do....	6,787	200	301	475	744	1,056	1,486	2,525	(D)	-	-
Payroll.....\$1,000..	32,682	659	1,093	1,484	2,928	4,726	6,596	15,196	(D)	-	-
Value added, adjusted.....do....	100,329	1,947	3,262	6,294	6,868	11,033	17,322	53,603	(D)	-	-
Value of shipments.....do....	212,850	4,534	8,012	12,088	20,961	30,036	38,276	98,941	(D)	-	-
Capital expenditures, new...do....	5,638	248	181	331	333	1,755	760	2,030	(D)	-	-

- Represents zero.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes expenditures of approximately \$2-\$5 million for plants under construction but not completed during the year.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(1,000)	(1,000)	(1,000)	(1,000)	Col. B Col. B+C (percent)	(1,000)	(1,000)	(1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2851	Paints and allied products.....1963..	2,456,361	2,206,432	109,581	140,348	95	2,298,289	2,206,432	91,857	96
	.....1958..	1,878,733	1,670,276	103,848	104,609	94	1,753,923	1,670,276	83,647	95
2861	Gum and wood chemicals.....1963..	212,850	152,196	54,152	6,502	74	196,998	152,196	44,802	77
	.....1958..	182,176	127,584	52,242	2,350	71	151,179	127,584	23,595	84

Note: See Introduction for an explanation of terms used.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars except for ranges (shown in parentheses) which are expressed in millions of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c) miscellaneous

receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Paints and allied products (SIC 2851)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Paints and allied products (SIC 2851)	Other industries
	PAINTS AND ALLIED PRODUCTS INDUSTRY					PAINTS AND ALLIED PRODUCTS INDUSTRY—Continued			
	Total shipments and receipts of the industry.....	(X)	2,456,361	(X)		Listing of other industries with over \$2 million shipments of each primary product class—Continued			
	Primary products.....	2,298,289	2,206,432	91,857	28516	2814 Cyclic (coal tar) crudes....	(X)	(X)	(2-5)
28511	Exterior oil-type trade sales paint products.....	394,228	389,916	4,312		2842 Polishes and sanitation goods.....	(X)	(X)	2,026
28512	Exterior water-type trade sales paint products, including tinting bases.....	82,304	80,447	1,857	28518	2893 Printing ink.....	(X)	(X)	2,288
28513	Interior oil-type trade sales paint products.....	290,568	289,810	758		3299 Nonmetallic products, n.e.c.	(X)	(X)	(5-10)
28514	Interior water-type trade sales paint products, including tinting bases.....	250,711	243,995	6,716	28519	2841 Soaps and other detergents..	(X)	(X)	5,581
28515	Trade sales lacquers.....	43,782	42,658	1,124		2842 Polishes and sanitation goods.....	(X)	(X)	2,386
28516	Industrial product finishes, except lacquers.....	624,931	597,542	27,389		2891 Glue and gelatin.....	(X)	(X)	3,823
28517	Industrial lacquers, including acrylics.....	184,150	182,057	2,093		2815 Intermediate coal tar products.....	(X)	(X)	3,701
28518	Putty, caulking compounds and allied products.....	128,286	107,768	20,518		2818 Organic chemicals, n.e.c....	(X)	(X)	(2-5)
28519	Miscellaneous paint products.....	190,215	164,993	25,222		2821 Plastics materials and resins.....	(X)	(X)	(2-5)
28510	Paints and allied products, n.s.k.....	109,114	107,246	1,868		3079 Plastics products, n.e.c....	(X)	(X)	(2-5)
	Secondary products.....	(X)	109,581	(X)			All industries	Gum and wood chemicals (SIC 2861)	Other industries
28163	Chrome colors and other inorganic pigments.....	(X)	6,148	(X)		GUM AND WOOD CHEMICALS INDUSTRY			
28181	Miscellaneous cyclic chemical products.....	(X)	(2-5)	(X)		Total shipments and receipts of the industry.....	(X)	212,850	(X)
28214	Thermosetting resins and plastics materials.....	(X)	8,376	(X)	28611	Primary products.....	196,998	152,196	44,802
28216	Synthetic resins for protective coatings.....	(X)	13,203	(X)	28612	Softwood distillation products....	82,411	79,445	2,966
28412	Soaps, except specialty cleaners, bulk.....	(X)	(2-5)	(X)	28610	Other gum and wood chemicals.....	111,412	69,576	41,836
28424	Polishing preparations and related products.....	(X)	3,056	(X)		Gum and wood chemicals, n.s.k....	3,175	3,175	-
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	(2-5)	(X)		Secondary products.....	(X)	54,152	(X)
28911	Glues and adhesives and sizes....	(X)	12,438	(X)	28183	Synthetic organic chemicals, n.e.c. (except bulk surface active agents).....	(X)	(2-5)	(X)
28930	Printing ink.....	(X)	8,434	(X)	28219	Plastics and resin materials, n.e.c.....	(X)	(2-5)	(X)
28993	Essential oils, fireworks and pyrotechnics, chemical and chemical preparations, n.e.c....	(X)	9,267	(X)	28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	(15-20)	(X)
34110	Metal cans.....	(X)	(5-10)	(X)	28911	Glues and adhesives and sizes....	(X)	(15-20)	(X)
	Miscellaneous receipts.....	(X)	140,348	(X)	28992	Fatty acids.....	(X)	8,707	(X)
99989	Resales.....	(X)	131,140	(X)		Miscellaneous receipts.....	(X)	6,502	(X)
	Other miscellaneous receipts.....	(X)	9,208	(X)		Resales.....	(X)	5,335	(X)
	Listing of other industries with over \$2 million shipments of each primary product class:					Other receipts.....	(X)	1,167	(X)
28514	2821 Plastics materials and resins.....	(X)	(X)	(2-5)	28611	Listing of other industries with over \$2 million shipments of each primary product class:	(X)	(X)	(2-5)
					28612	2818 Organic chemicals, n.e.c....	(X)	(X)	2,697
						2611 Pulp mills.....	(X)	(X)	6,599
						2621 Paper mills, except building	(X)	(X)	20,884
						2631 Paperboard mills.....	(X)	(X)	(5-10)
						2891 Glue and gelatin.....	(X)	(X)	

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	1963		1958		
			Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2851- --	PAINTS, VARNISHES, LACQUERS AND ENAMELS, AND ALLIED PRODUCTS, TOTAL.....	.....	(X)	2,298,289	(X)	(X)	1,753,923
28511 --	Exterior oil-type trade sales paint products, total.....	1,000 gals..	¹ 117,036	394,228	117,224	116,650	375,027
28511 10	Oil and alkyd vehicle paints in paste and semipaste form....	...do.....	2,646	9,013	3,586	3,215	16,246
	Oil paints, enamels, and varnishes in ready-mixed form and tinting bases:						
28511 21	Oil and alkyd vehicle house paint.....	...do.....	47,277	170,659	49,986	50,022	176,460
28511 23	Enamels, including trim and trellis, porch and deck.....	...do.....	18,005	73,873	16,282	16,132	62,629
28511 25	Undercoatings and primers.....	...do.....	11,582	37,398	8,734	8,686	27,845
28511 27	Barn and roof paints, excluding bituminous and metallic paints and roof coatings.....	...do.....	3,415	9,159	4,413	4,398	10,178
28511 29	Bituminous paints, excluding roof coatings.....	...do.....	1,854	2,682	6,328	6,297	5,027
28511 30	Marine paints, excluding ship bottom or other specially formulated paints.....	...do.....	2,740	10,451	1,935	1,978	6,876
28511 31	Metallic paints (aluminum, zinc, bronze, etc.).....	...do.....	4,165	13,598	6,591	(X)	19,796
28511 32	Traffic paints (all types).....	...do.....	9,075	19,927	6,331	6,317	14,337
28511 34	Varnish, oleoresinous (synthetic and natural).....	...do.....	4,534	12,241	6,170	6,073	15,669
28511 37	Stains, including shingle and shakes.....	...do.....	4,426	11,621	3,174	3,174	8,460
28511 39	Other exterior oil paints.....	...do.....	3,607	10,333	3,687	3,701	11,504
28511 00	Exterior oil-type trade sales paint products, n.s.k.....	...do.....	(S)	13,273	(²)	(²)	(²)
28512 --	Exterior water-type trade sales paint products, including tinting bases, total.....	...do.....	¹ 31,515	82,304	13,919	13,718	17,949
	Emulsion paints:						
28512 12	Acrylic.....	...do.....	8,069	31,606	13,919	13,718	17,949
28512 15	Styrene-butadiene.....	...do.....	2,055	6,102			
28512 17	Vinyl and others.....	...do.....	9,805	29,907			
28512 19	Other exterior water-thinned paints, including dry types (dry converted on basis of 5 lbs. per gallon).....	...do.....	6,485	10,191			
28512 00	Exterior water-type trade sales paint products, n.s.k.....	...do.....	(S)	4,498	(²)	(²)	(²)
28513 --	Interior oil-type trade sales paint products, total.....	...do.....	¹ 91,221	290,568	91,482	91,052	281,596
	Oil paints, enamels, and varnishes in ready-mixed form, including tinting bases and excluding aerosols:						
28513 51	Mill white paints.....	...do.....	3,191	8,072	6,430	6,360	18,223
28513 52	Flat wall paints, including semipaste (oil and alkyd vehicle).....	...do.....	22,941	66,584	27,686	27,494	80,471
28513 55	Gloss and semigloss, including enamels.....	...do.....	34,514	123,089	29,156	29,087	102,554
28513 56	Under coatings and primers.....	...do.....	7,690	22,387	6,779	6,769	20,045
28513 59	Other interior oil paints and enamels, n.e.c.....	...do.....	2,766	9,633	6,096	6,044	19,476
	Varnishes:						
28513 63	Synthetic resin base varnish.....	...do.....	9,364	26,219	5,852	5,840	17,179
28513 67	Shellac varnish.....	...do.....	1,882	4,415	3,366	3,367	7,862
28513 68	Other, including natural and spirit.....	...do.....	1,582	4,260	4,127	4,102	10,287
28513 71	Stains.....	...do.....	2,961	8,509	1,990	1,989	5,499
28513 81	Aerosol paints made from paint produced in this establishment	...do.....	2,620	11,910	(NA)	(NA)	(NA)
28513 00	Interior oil-type trade sales paint products, n.s.k.....	...do.....	(S)	5,490	(²)	(²)	(²)
28514 --	Interior water-type trade sales paint products, including tinting bases, total.....	...do.....	¹ 91,053	250,711	63,988	63,313	167,781
	Emulsion paints:						
28514 79	Acrylic.....	...do.....	11,338	32,310	4,678	4,677	14,739
28514 81	Styrene-butadiene.....	...do.....	27,420	87,511	33,422	32,990	104,448
28514 82	Vinyl and others.....	...do.....	40,087	109,480	12,178	12,023	36,063
28514 98	Other interior water-thinned paints including paste and semipaste (plastic texture converted on basis of 10 lbs. per gallon, other dry 5 lbs. per gallon).....	...do.....	10,215	15,928	13,710	13,623	12,531
28514 00	Interior water-type trade sales paint products, n.s.k.....	...do.....	(S)	5,482	(²)	(²)	(²)
28515 --	Trade sales lacquers, total.....	...do.....	¹ 14,304	43,782	(NA)	(NA)	(NA)
	Clear:						
28515 72	Cellulose lacquers.....	...do.....	5,825	13,119	(³)	(³)	(³)
28515 77	Noncellulose lacquers.....	...do.....	288	789	(⁴)	(⁴)	(⁴)
	Pigmented:						
28515 82	Cellulose lacquers.....	...do.....	2,486	8,653	(⁵)	(⁵)	(⁵)
28515 87	Noncellulose lacquers.....	...do.....	4,786	17,963	(⁶)	(⁶)	(⁶)

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963		1958		
			Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2851- --	PAINTS, VARNISHES, LACQUERS AND ENAMELS, AND ALLIED PRODUCTS--Continued						
28515 --	Trade sales lacquers--Continued						
28515 00	Trade sales lacquers, n.s.k.....	1,000 gals..	(S)	3,258	(²)	(²)	(²)
28516 --	Industrial product finishes, except lacquers, total.....	...do.....	¹ 226,904	624,931	174,675	172,782	436,402
28516 11	Specially formulated coatings for special conditions in the interior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	...do.....	8,050	25,544	7,239	7,159	24,998
28516 13	Specially formulated coatings for special conditions in the exterior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	...do.....	23,880	30,286	23,259	23,842	25,185
28516 18	Marine paints, ship bottom, and other specially formulated paints.....	...do.....	8,082	27,022	7,914	7,925	26,149
28516 22	Pigmented industrial product finishes, excluding lacquer: Undercoaters and primers.....	...do.....	26,067	71,188	18,567	18,024	50,739
28516 36	Alkyd and oil types:						
28516 38	Automotive finishes.....	...do.....	27,496	97,887	19,413	19,146	62,814
28516 41	Appliance finishes.....	...do.....	9,988	31,930	6,768	6,635	25,556
28516 42	Wood furniture and fixture finishes.....	...do.....	7,503	15,976	29,337	28,630	87,015
28516 43	Wood and composition flat stock finishes.....	...do.....	3,274	8,830			
28516 44	Metal decorating finishes.....	...do.....	11,388	37,089			
28516 47	Sheet, strip, and coil coatings, including sidings.....	...do.....	8,091	26,127			
28516 49	Machinery and equipment finishes.....	...do.....	12,474	37,030			
28516 50	Other finishes, including metal furniture finishes.....	...do.....	19,316	58,165			
28516 50	Other types (wrinkle, hammer, metallic, etc.).....	...do.....	6,003	19,872	13,311	13,004	41,329
28516 52	Clear industrial product finishes, excluding lacquer: Insulating varnishes, electrical types.....	...do.....	(S)	14,832	3,042	2,992	7,903
28515 54	Synthetic resin base varnishes:						
28516 59	Alkyd.....	...do.....	11,456	23,738	9,398	9,346	22,722
28516 60	Other, including epoxy, phenolic, etc.....	...do.....	5,143	13,778	7,017	6,874	16,595
28516 60	Other clear varnishes, including natural oleoresinous base varnishes, spirit and shellac varnishes, baking and drying japans and driers, and mixtures not elsewhere listed.....	...do.....	9,402	21,518	7,695	7,598	15,716
28516 71	Stains.....	...do.....	3,614	5,841	2,118	2,089	3,047
28516 72	Automotive underbody coatings.....	...do.....	(S)	7,813	13,143	13,127	10,725
28516 93	Epoxy, urethane, and other two-component finishes.....	...do.....	1,703	9,027	6,454	6,391	15,909
28516 94	Urethane floor finishes and other industrial epoxies.....	...do.....	888	3,538			
28516 95	Other industrial product finishes, excluding semimanufactured products such as pigment dispersions, ink vehicles and organosols.....	...do.....	8,595	21,391			
28516 00	Industrial product finishes, except lacquers, n.s.k.....	...do.....	(S)	16,509	(²)	(²)	(²)
28517 --	Industrial lacquers, including acrylics, total.....	...do.....	¹ 70,541	184,150	68,462	62,792	167,469
28517 72	Clear:						
28517 77	Cellulose lacquers.....	...do.....	27,028	57,799	³ 32,231	³ 27,278	³ 58,004
28517 77	Noncellulose lacquers.....	...do.....	9,396	20,283	⁴ 8,844	⁴ 8,172	⁴ 20,828
28517 82	Pigmented:						
28517 82	Cellulose lacquers.....	...do.....	16,236	50,125	⁵ 20,836	⁵ 20,770	⁵ 64,871
28517 83	Noncellulose lacquers:						
28517 85	Automotive.....	...do.....	9,985	33,492	⁶ 6,551	⁶ 6,572	⁶ 23,766
28517 85	Other.....	...do.....	5,852	17,115			
28517 00	Industrial lacquers, including acrylics, n.s.k.....	...do.....	(S)	5,336	(²)	(²)	(²)
28518 --	Putty, caulking compounds and allied products, total.....	...do.....	(X)	128,286	(X)	(X)	65,191
28518 11	Wood and textile preservatives (nonpressure type).....	...do.....	(S)	9,018	(NA)	(NA)	3,747
28518 21	Wood fillers and sealers.....	...do.....	3,748	10,365	(X)	(X)	6,098
28518 51	Putties, glazing, and caulking compounds:						
28518 55	Wood and metal sash putties.....	1,000 lbs...	72,847	6,864	118,822	117,630	13,140
28518 55	Caulking compounds.....	...do.....	152,459	25,361	148,013	148,461	18,145
28518 61	Paint and varnish removers:						
28518 65	Methylene chloride type.....	1,000 gals..	6,508	15,942	3,454	3,441	8,100
28518 65	Other types.....	...do.....	3,821	8,087	3,512	3,508	7,048

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963		1958			
			Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers		
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)	
2851- --	PAINTS, VARNISHES, LACQUERS AND ENAMELS, AND ALLIED PRODUCTS--Continued							
28518 --	Putty, caulking compounds and allied products--Continued							
28518 98	Other allied paint products, including brush cleaners.....	1,000 gals..	15,125	41,973	(X)	(X)	6,097	
28518 00	Putty, caulking compounds and allied products, n.s.k.....		(X)	10,676	(X)	(X)	2,816	
28519 --	Miscellaneous paint products, total.....	1,000 gals..	(X)	190,215	(X)	(X)	117,305	
28519 11	Thinners for dopes, lacquers, and oleoresinous thinners, including mixtures and proprietary thinners (sold as such)...	...do.....	53,922	54,116	45,665	45,345	47,334	
28519 31	Bleached shellac (not varnish).....	1,000 lbs...	15,191	5,984	17,505	16,935	9,012	
28519 41	Aerosol paints made from purchased paint, excluding receipts for contract work received for filling aerosol containers for others using their products.....		(NA)	17,523	(NA)	(NA)	(NA)	
28519 71	Miscellaneous related paint products, e.g., pigment dispersions, ink vehicles, organosols (plastisols), etc.....	1,000 gals..	(X)	102,893	(X)	(X)	60,959	
28519 00	Miscellaneous paint products, n.s.k.....		(X)	9,699	(X)	(X)	-	
28510 00	Paints, varnishes, lacquers, and enamels, and allied products, n.s.k.....	1,000 gals..	(NA)	109,114	2 844,897	2 844,539	2125,203	
			1963		1958			
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2861- --	GUM AND WOOD CHEMICALS, TOTAL.....		(X)	(X)	196,998	(X)	(X)	151,179
28611 --	Softwood distillation products, total.....		(X)	(X)	82,411	(X)	(X)	79,686
28611 13	Wood turpentine ^{9 10}	1,000 bbls. of 50 gals.	156	129	2,059	175	127	4,292
28611 23	Pine oil.....	...do.....	167	167	8,356	217	190	9,756
28611 31	Wood rosin ¹⁰	1,000 drums of 520 lbs.	1,097	624	30,209	499	482	19,507
28611 98	Other derivatives of softwood distillation, including pine tar, pine tar oil, charcoal, and charcoal briquettes.....		(X)	(X)	40,999	(X)	(X)	44,460
28611 00	Softwood distillation products, n.s.k.....		(X)	(X)	788	(X)	(X)	1,671
28612 --	Other gum and wood chemicals, total.....		(X)	(X)	111,412	(X)	(X)	71,493
	Gum naval stores.....		(X)	(X)	17,461	(X)	(X)	14,405
28612 11	Gum turpentine.....	1,000 bbls. of 50 gals.	136	127	2,035	94	106	2,709
28612 21	Rosin.....	1,000 drums of 520 lbs.	329	272	15,426	292	293	11,696
	Hardwood distillation products.....		(X)	(X)	34,467	(X)	(X)	18,493
28612 52	Charcoal, excluding briquettes.....	Short tons..	74,772	69,014	5,466	213,904	191,364	14,731
	Charcoal briquettes:							
28612 54	Made from charcoal produced in this plant.....	...do.....	129,164	128,638	9,410			
28612 58	Made from charcoal purchased or shipped from other plants.	...do.....	175,343	165,663	13,560			
28612 61	Other derivatives of hardwood distillation including natural acetic acid and methanol ^{11 12}		(X)	(X)	6,031	(X)	(X)	3,762
28612 71	Natural dyestuffs extracts, including logwood, etc.....		(S)	(S)	1,773	(S)	(S)	1,252
28612 81	Natural tanning materials.....		(S)	(S)	5,224	(S)	(S)	5,679
28612 85	Chrome tanning mixtures.....		(S)	(S)	643	(S)	(S)	601
	Tall oils.....		(X)	(X)	50,749	(X)	(X)	28,757
28612 91	Crude.....	1,000 lbs...	988,166	659,020	23,978	753,654	503,019	14,986
28612 93	Refined (containing less than 90% free fatty acids, excluding rosin acids) ¹³.....	...do.....	88,883	83,189	6,238	79,423	76,579	6,468
28612 95	Rosin and rosin acid products.....	1,000 drums of 520 lbs.	740	481	20,533	457	375	7,303
28612 00	Other gum and wood chemicals, n.s.k.....		(X)	(X)	1,095	(X)	(X)	2,306
28610 00	Gum and wood chemicals, n.s.k.....		(X)	(X)	3,175	(X)	(X)	(X)

Footnotes on next page

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Footnotes for Table 6A-28E.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not applicable. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹Includes quantities for products listed below for which quantity data were suppressed because reported quantity did not meet publication standards.

²Codes 2851100, 2851200, 2851300, 2851400, 2851500, 2851600, 2851700, and 2851900 for 1958 included in code 2851000. Separate figures are not available because of change in 5-digit product class definitions between 1958 and 1963.

³Code 2851572, Trade sale cellulose clear lacquers were not collected separately in 1958. Included in "Clear cellulose lacquers," code 2851772.

⁴Code 2851577, Trade sale noncellulose clear lacquers, were not collected separately in 1958. Included in "Clear noncellulose lacquers," code 2851777.

⁵Code 2851582, Trade sale cellulose pigmented lacquers, were not collected separately in 1958. Included in "Pigmented cellulose lacquers," code 2851782.

⁶Code 2851587, Trade sale noncellulose pigmented lacquers, were not collected separately in 1958. Included in "Pigmented noncellulose lacquers, automotive and other," codes 2851783 and 2851785.

⁷Includes an unspecified amount of trade sale automotive finishes.

⁸Estimated on basis of average for products included in product classes 28511 through 28517.

⁹Excludes data for sulfate wood turpentine, production of which according to the U.S. Department of Agriculture amounted to 19,750,000 gallons for calendar year 1963 and 15,400,500 gallons for calendar year 1958, on a refined basis.

¹⁰Excludes pinene reported as such.

¹¹Includes \$1,531 thousand for 1963 and \$1,738 thousand for 1958 of acetic acid, natural. In addition, 1963 sales of synthetic acetic acid totaled 204,378 thousand pounds valued at \$15,096 thousand, data for which are compiled by the U.S. Tariff Commission. Data for synthetic acetic acid are included in industry 2818, Organic Chemical, N.E.C.

¹²Includes \$1,012 thousand for 1963 and \$1,163 thousand for 1958 of methanol (methyl or wood alcohol). In addition, 1963 sales of synthetic methanol totaled 1,059,113 thousand pounds valued at \$36,323 thousand, data for which are compiled by the U.S. Tariff Commission. Data for synthetic methanol are included in industry 2818, Organic Chemicals, N.E.C.

¹³Data for refined tall oil fatty acids containing 90 percent or more free fatty acids, excluding resin acids, are reported in industry 2899, Chemical Preparations, N.E.C.

TABLE 6B. **Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958**

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
2851-	Paints, varnishes, lacquers, and enamels ¹.....1963..	135	110
	.....1958..	104	111
28511	Exterior oil-type trade sales paint products.....1963..	115	108
	.....1958..	112	106
28513	Interior oil-type trades sales paint products....1963..	95	109
	.....1958..	92	110
28514	Interior water-type trade sales paint products, including tinting bases.....1963..	214	110
	.....1958..	140	114
28516	Industrial product finishes, except lacquers....1963..	131	109
	.....1958..	92	108
28517	Industrial lacquers, including acrylics.....1963..	144	106
	.....1958..	104	111
28518	Putty caulking compounds and allied products....1963..	197	119
	.....1958..	112	108
2861-	Gum and wood chemicals.....1963..	111	139
	.....1958..	104	115
28611	Softwood distillation products.....1963..	89	142
	.....1958..	99	125
28612	Other gum and wood chemicals.....1963..	131	132
	.....1958..	107	104

¹Adjusted to include exterior water-type sales, paint products (product class 28512), trade sales lacquers (product class 28515) and products not specified by kind as well as miscellaneous paint products (product class 28519).

TABLE 6C. **Product Classes—Value Shipped by All Manufacturing Establishments:**
1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2851-	Paints and allied products.....	2,298,289	2,078,425	1,966,999	1,964,484	1,958,273	1,753,923	1,511,997	(NA)
28511	Exterior oil-type trade sales paint products.....	394,228	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28512	Exterior water-type trade sales paint products, including tinting bases.....	82,304	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28513	Interior oil-type trade sales paint products.....	290,568	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28514	Interior water-type trade sales paint products, including tinting bases.....	250,711	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28515	Trade sale lacquers.....	43,782	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28516	Industrial product finishes, except lacquers.....	624,931	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28517	Industrial lacquers, including acrylics....	184,150	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28518	Putty, caulking compounds and allied products.....	128,286	98,080	(S)	(S)	(S)	65,191	53,700	(NA)
28519	Miscellaneous paint products.....	190,215	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
28510	Paints and allied products, n.s.k.....	109,114	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2861-	Gum and wood chemicals.....	196,998	180,846	176,413	185,050	168,898	151,179	111,151	(NA)
28611	Softwood distillation products.....	82,411	93,228	91,235	96,703	86,433	79,686	61,775	60,833
28612	Other gum and wood chemicals.....	111,412	87,618	85,178	88,347	82,465	71,493	49,376	(NA)
28610	Gum and wood chemicals, n.s.k.....	3,175	-	-	-	-	-	-	-

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.
 (S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
EXTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS (28511)	1963 ¹	INTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS (28513)	1963 ¹	INTERIOR WATER-TYPE TRADE SALES PAINT PRODUCTS, INCLUDING TINTING BASES (28514)—Continued	1963 ¹
United States, total....	394,228	United States, total....	290,568	Mountain.....	2,905
New England.....	13,174	New England.....	10,798	Colorado.....	1,992
Massachusetts.....	10,898	Massachusetts.....	9,623	Pacific.....	34,086
Middle Atlantic.....	87,154	Middle Atlantic.....	77,655	Washington.....	2,064
New York.....	14,061	New York.....	25,827	Oregon.....	1,690
New Jersey.....	46,470	New Jersey.....	30,939	California.....	30,332
Pennsylvania.....	26,623	Pennsylvania.....	20,889	TRADE SALES LACQUERS (28515)	
East North Central.....	109,860	East North Central.....	84,777	United States, total...	43,782
Ohio.....	32,290	Ohio.....	21,545	Northeast.....	19,151
Indiana.....	6,556	Indiana.....	5,245	New York.....	3,614
Illinois.....	57,126	Illinois.....	42,154	Pennsylvania.....	1,720
Michigan.....	5,099	Michigan.....	9,939	East North Central.....	13,595
Wisconsin.....	8,789	Wisconsin.....	5,894	Ohio.....	1,954
West North Central.....	33,781	West North Central.....	25,113	Illinois.....	3,419
Minnesota.....	6,303	Minnesota.....	3,189	Michigan.....	7,892
Iowa.....	4,790	Missouri.....	18,543	West North Central.....	1,582
Missouri.....	21,725	South Atlantic.....	20,493	South.....	4,433
South Atlantic.....	44,383	Maryland.....	5,580	Texas.....	1,025
Maryland.....	11,319	Virginia.....	845	West.....	5,021
Virginia.....	2,298	North Carolina.....	1,026	California.....	4,401
North Carolina.....	2,879	Georgia.....	4,104	INDUSTRIAL PRODUCTS FINISHES, EXCEPT LACQUERS (28516)	
Georgia.....	16,825	Florida.....	7,778	United States, total...	624,931
Florida.....	9,901	East South Central.....	11,499	New England.....	11,936
East South Central.....	16,059	Kentucky.....	8,833	Massachusetts.....	9,546
Kentucky.....	10,139	West South Central.....	13,091	Middle Atlantic.....	141,749
Tennessee.....	2,780	Texas.....	11,735	New York.....	32,385
West South Central.....	35,339	Mountain.....	2,747	New Jersey.....	61,761
Texas.....	31,229	Colorado.....	1,975	Pennsylvania.....	47,603
Mountain.....	3,750	Pacific.....	44,395	East North Central.....	295,576
Colorado.....	2,293	Washington.....	1,663	Ohio.....	81,429
Pacific.....	50,728	Oregon.....	1,607	Indiana.....	14,737
Washington.....	4,538	California.....	41,125	Illinois.....	92,636
Oregon.....	2,727	INTERIOR WATER-TYPE TRADE SALES PAINT PRODUCTS, INCLUDING TINTING BASES (28514)		Michigan.....	90,688
California.....	43,463	United States, total...	250,711	Wisconsin.....	16,086
EXTERIOR WATER-TYPE TRADE SALES PAINT PRODUCTS, INCLUDING TINTING BASES (28512)		New England.....	4,751	West North Central.....	37,799
United States, total....	82,304	Massachusetts.....	4,697	Minnesota.....	4,244
New England.....	2,534	Middle Atlantic.....	56,335	Missouri.....	16,616
Massachusetts.....	2,499	New York.....	12,603	South Atlantic.....	31,222
Middle Atlantic.....	18,111	New Jersey.....	27,559	Maryland.....	10,114
New York.....	2,392	Pennsylvania.....	16,173	Virginia.....	2,172
New Jersey.....	10,690	East North Central.....	73,858	North Carolina.....	4,680
Pennsylvania.....	5,029	Ohio.....	18,158	Georgia.....	8,916
East North Central.....	16,419	Indiana.....	4,057	Florida.....	1,749
Ohio.....	2,712	Illinois.....	42,008	East South Central.....	22,271
Indiana.....	1,341	Michigan.....	3,440	Kentucky.....	15,820
Illinois.....	8,924	Wisconsin.....	6,195	Tennessee.....	4,149
Wisconsin.....	2,720	West North Central.....	17,385	West South Central.....	22,950
West North Central.....	6,204	Missouri.....	10,585	Texas.....	20,874
Missouri.....	3,597	South Atlantic.....	27,538	Mountain.....	1,097
South Atlantic.....	11,663	Maryland.....	5,364	Pacific.....	60,331
Maryland.....	1,017	Virginia.....	1,016	Washington.....	2,625
Georgia.....	4,564	North Carolina.....	2,031	Oregon.....	1,372
Florida.....	5,096	Georgia.....	8,892	California.....	56,334
East South Central.....	1,372	Florida.....	9,174		
Kentucky.....	1,039	East South Central.....	9,241		
West South Central.....	4,226	Kentucky.....	6,935		
Texas.....	3,111	Tennessee.....	1,790		
Mountain.....	1,162	West South Central.....	24,612		
Pacific.....	20,613	Oklahoma.....	1,167		
Oregon.....	1,029	Texas.....	20,885		
California.....	19,068				

See footnotes at end of table.

TABLE 6D. Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958—Continued

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
INDUSTRIAL LACQUERS, INCLUDING ACRYLICS (28517)	1963 ¹		PUTTY, CAULKING COMPOUNDS AND ALLIED PRODUCTS (28518)—Continued	1963 ¹	1958	MISCELLANEOUS PAINT PRODUCTS (28519)—Continued	1963 ¹	
United States, total...	184,150		East North Central.....	49,667	22,937	West.....	19,432	
New England.....	8,751		Ohio.....	19,388	9,922	California.....	18,723	
Massachusetts.....	6,950		Indiana.....	1,948	(Z)		1963 ¹	1958
Middle Atlantic.....	50,581		Illinois.....	20,400	8,380	SOFTWOOD DISTILLATION PRODUCTS (28611)		
New York.....	6,951		Michigan.....	7,431	3,962	United States, total...	82,411	79,686
New Jersey.....	26,269		West North Central.....	6,008	4,900	South Atlantic.....	46,558	45,191
Pennsylvania.....	17,361		Missouri.....	4,637	3,776	West South Central.....	11,870	11,141
East North Central.....	74,140		South Atlantic.....	9,207	6,562	All other divisions.....	23,983	(²)
Ohio.....	14,325		Virginia.....	1,816	1,108			
Indiana.....	6,519		North Carolina.....	1,533	1,230	OTHER GUM AND WOOD CHEMICALS (28612)		
Illinois.....	20,911		Georgia.....	4,902	2,921	United States, total...	111,412	71,493
Michigan.....	29,785		East South Central.....	3,518	1,174	New England.....	1,847	1,767
Wisconsin.....	2,600		West South Central.....	10,814	3,748	Middle Atlantic.....	5,155	4,699
West North Central.....	6,746		Texas.....	8,533	2,261	New York.....	1,750	(²)
Minnesota.....	1,431		West.....	17,579	8,366	New Jersey.....	1,149	(Z)
Missouri.....	4,275		California.....	15,956	6,816	Pennsylvania.....	2,256	2,406
South Atlantic.....	15,940		MISCELLANEOUS PAINT PRODUCTS (28519)	1963 ¹		East North Central.....	6,877	10,974
Maryland.....	1,734		United States, total...	190,215		Illinois.....	1,024	(Z)
North Carolina.....	7,576		New England.....	12,719		South Atlantic.....	58,605	35,383
Georgia.....	3,562		Middle Atlantic.....	56,850		Virginia.....	4,006	2,799
Florida.....	1,130		New York.....	9,414		North Carolina.....	3,577	1,934
East South Central.....	7,787		New Jersey.....	38,173		Georgia.....	29,095	18,599
West South Central.....	2,581		Pennsylvania.....	9,263		Florida.....	12,407	7,947
West.....	17,624		East North Central.....	57,366		East South Central.....	18,866	10,471
California.....	16,750		Ohio.....	16,930		Tennessee.....	5,086	(²)
PUTTY, CAULKING COMPOUNDS AND ALLIED PRODUCTS (28518)	1963 ¹	1958	Illinois.....	29,498		Alabama.....	11,281	6,284
United States, total...	128,286	65,191	Michigan.....	9,736		West South Central.....	12,673	7,007
New England.....	4,757	3,555	West North Central.....	8,329		Arkansas.....	5,119	(²)
Massachusetts.....	3,403	2,938	South.....	35,519		Louisiana.....	5,675	2,967
Middle Atlantic.....	26,736	13,949	North Carolina.....	1,181		All other divisions.....	7,389	(²)
New York.....	9,468	4,249	Texas.....	3,995		Missouri.....	6,271	(²)
New Jersey.....	10,764	5,295						
Pennsylvania.....	6,504	4,405						

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than \$1 million.

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28511; Rhode Island, Alabama, Louisiana, and Oklahoma; 28512; Iowa; 28513; Iowa, Tennessee, and Alabama; 28514; Minnesota, Iowa, and Louisiana; 28515; New Jersey, Missouri, Georgia, and Kentucky; 28516; Connecticut, Iowa, Kansas, West Virginia, Alabama, and Louisiana; 28517; Virginia, Kentucky, and Texas; 28518; Tennessee, and Louisiana; 28519; Massachusetts, Rhode Island, Connecticut, Iowa, Missouri, Maryland, Georgia, and Kentucky; 28611; Missouri, Georgia, Florida, Mississippi, and Louisiana; 28612; Massachusetts, Michigan, Maryland, West Virginia, South Carolina, Mississippi, and Texas.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963

Code	Material	Unit of measure	1963	
			Quantity	Delivered cost (\$1,000)
			INDUSTRY 2851.—PAINTS AND ALLIED PRODUCTS	
	Materials, containers, and supplies, total.....		(X)	1,233,360
	Vegetable Oils:			
209311	Linseed oil (crude or processed).....	1,000 lbs.....	245,122	38,966
209016	All other vegetable oils.....	...do.....	177,506	28,225
281514	Phthalic anhydride.....	...do.....	122,727	14,139
	Pigments:			
281611	Titanium dioxide, composite and pure.....	...do.....	636,119	141,697
281622	Zinc oxide pigments (including leaded zinc oxide).....	...do.....	102,422	14,103
281601	Other inorganic pigments.....	.....	(X)	60,637
281531	Organic color pigments, lakes and toners.....	.....	(X)	23,023
281811	Driers (napthenic acid salts, rosin acid salts, etc.).....	.....	(X)	8,188
281861	Cellulose nitrate (nitracellulose).....	1,000 lbs.....	67,910	20,984
281822	Solvents (butyl alcohols, butyl acetate, acetone, etc.).....	.....	(X)	63,643
	Plasticizers:			
281836	Diocetyl phthalate.....	1,000 lbs.....	8,793	1,657
281837	Other plasticizers.....	...do.....	27,202	7,232
282160	Synthetic resins.....	...do.....	865,521	181,900
291105	Petroleum thinners (naphtha).....	...do.....	156,992	36,192
	Containers:			
340001	Metal.....	.....	(X)	110,693
260091	Paper and paperboard.....	.....	(X)	15,267
970099	All other materials and components parts, containers and supplies consumed.....	.....	(X)	229,054
97600-	Materials, containers, supplies, n.s.k.....	.....	(X)	¹ 237,760

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Paints and allied products (SIC 2851)	Gum and wood chemicals (SIC 2861)
Total cost of purchased fuels and electric energy.....\$1,000..	12,480	5,457
Total cost of purchased fuels.....do....	5,463	3,999
Bituminous coal, lignite, and anthracite:		
Quantity.....1,000 short tons..	56	(S)
Cost.....\$1,000..	508	(S)
Coke and breeze:		
Quantity.....1,000 short tons..	(S)	-
Cost.....\$1,000..	(S)	-
Fuel oil (distillate and residual):		
Quantity.....1,000 barrels of 42 gallons..	559	296
Cost.....\$1,000..	2,140	814
Gas (natural, manufactured, still, blast furnace, and coke oven):		
Quantity.....million cu. ft..	3,003	4,768
Cost.....\$1,000..	1,971	1,692
Other fuels.....do....	826	1,247
Electric energy:		
Purchased:		
Quantity.....million kw.-hrs..	436	120
Cost.....\$1,000..	7,017	1,458
Generated less sold.....million kw.-hrs..	(S)	92
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	418	104
Prime movers, total.....do....	35	46
Driving generators.....do....	18	27
Not driving generators.....do....	17	18
Electric motors, total.....do....	386	83
Driven by purchased energy.....do....	383	58
Driven by energy generated at establishment.....do....	3	25
Aggregate horsepower per 100 production workers.....	1,336	2,107

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. (Z) Less than 500 horsepower.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2851-	PAINTS AND ALLIED PRODUCTS										
	Entire industry.....	1,788	61,267	401,240	33,825	69,113	183,533	1,111,681	1,350,239	2,456,361	37,705
	Establishments with—										
	90% or more specialization..	1,658	52,680	344,183	29,468	60,062	159,280	966,863	1,166,632	2,128,977	28,584
	75-89% specialization.....	42	3,363	22,196	1,716	3,613	9,630	56,218	72,605	128,196	2,308
28511	Exterior oil-type trade sales paint products (primary product class of estab.).....	305	13,280	81,824	7,205	14,867	37,333	260,579	320,132	578,448	7,376
	Establishments with—										
	90% or more specialization...	41	622	3,818	365	765	1,710	11,744	13,909	24,731	302
	75-89% specialization.....	20	592	3,312	280	554	1,237	6,419	10,392	16,770	160
28512	Exterior water-type trade sales paint products including tinting bases (primary product class of estab.).....	41	870	5,307	445	912	2,284	20,598	20,434	40,720	556
28513	Interior oil-type trade sales paint products (primary product class of estab.).....	155	7,260	47,671	4,277	8,790	23,332	115,299	150,952	267,756	2,284
	Establishments with—										
	90% or more specialization...	19	273	1,734	154	323	641	4,701	6,601	11,855	155
	75-89% specialization.....	9	133	897	80	169	394	2,298	2,947	5,185	58
28514	Interior water-type trade sales paint products including tinting bases (primary product class of estab.).....	111	3,437	20,705	1,856	3,813	9,656	69,162	73,326	141,264	1,412
28515	Trade sales lacquers (primary product class of estab.).....	23	432	3,124	195	383	1,027	7,709	9,324	17,037	72
28516	Industrial product finishes, except lacquers (primary product class of estab.).....	396	21,085	146,579	11,357	23,257	65,381	366,425	444,967	810,586	14,343
	Establishments with—										
	90% or more specialization...	134	2,573	18,391	1,420	3,068	7,952	45,770	62,295	107,435	1,576
	75-89% specialization.....	67	3,176	22,174	1,797	3,677	10,068	44,740	62,181	107,678	1,937
28517	Industrial lacquers, including acrylics (primary product class of estab.).....	106	4,214	30,556	2,555	4,989	14,437	91,905	90,296	181,349	2,488
	Establishments with—										
	90% or more specialization...	26	1,194	8,498	743	1,403	4,399	29,600	27,938	57,344	807
	75-89% specialization.....	16	199	1,377	120	254	639	3,075	4,202	7,167	77
28518	Putty caulking compounds and allied products (primary product class of estab.).....	139	3,644	22,144	1,881	3,831	9,046	66,052	68,106	133,889	2,376
	Establishments with—										
	90% or more specialization...	86	994	5,847	599	1,193	2,562	13,800	18,741	32,830	796
	75-89% specialization.....	13	378	2,244	231	496	1,139	6,305	8,412	14,797	88
28519	Miscellaneous paint products (primary product class of estab.).....	144	3,708	23,378	2,231	4,607	11,549	60,187	99,367	158,962	2,977
	Establishments with—										
	90% or more specialization...	88	1,399	8,115	835	1,601	3,617	30,719	34,364	54,186	894
	75-89% specialization.....	11	440	3,035	251	621	1,645	5,999	10,498	16,338	713
2861-	GUM AND WOOD CHEMICALS										
	Entire industry.....	246	6,787	32,682	5,357	10,800	22,884	100,329	114,640	212,850	5,638
	Establishments with—										
	90% or more specialization.	229	3,530	12,894	2,878	5,774	9,446	29,711	46,082	74,601	3,041
28611	Softwood distillation products (primary product class of estab.).....	38	3,673	20,050	2,894	5,859	13,820	62,737	61,219	123,386	3,620
28612	Other gum and wood chemicals (primary product class of estab.).....	119	2,828	11,852	2,223	4,462	8,434	35,945	51,604	86,010	1,864
	Establishments with—										
	90% or more specialization...	109	2,358	8,981	1,859	3,708	6,360	22,802	35,917	57,861	1,536

AGRICULTURAL CHEMICALS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2871—Fertilizers

2872—Fertilizers, Mixing Only

2879—Agricultural Chemicals, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2871—FERTILIZERS

This industry comprises establishments primarily engaged in the manufacture of mixed fertilizers (mixtures containing nitrogen, phosphoric acid (P_2O_5) or potash) from one or more fertilizer materials produced in the same establishment. Sulfuric, phosphoric and nitric acid plants operated in conjunction with fertilizer plants and separately reported are classified in industry 2819. When separate reports are not available these acid plants are classified in this industry. Establishments engaged in manufacturing urea are classified in industry 2818. Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in industry 1474. Establishments primarily engaged in manufacturing mixed fertilizers from purchased fertilizer materials are classified in industry 2872, Fertilizers, Mixing Only. For a detailed list of products of industry 2871, refer to table 6A, product codes 2871100 to 2871285.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Fertilizer Industry totaled \$869 million. This amount included shipments of fertilizers (primary products) valued at \$703 million, shipments of other products (secondary products) valued at \$85 million, and miscellaneous receipts, at \$81 million.

This industry's shipments of fertilizers represented 89 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of synthetic ammonia, nitric acid, and ammonium compounds (\$34 million), and inorganic acids, except nitric and sulfuric (\$22 million).

Shipments of fertilizers by this industry represented 97 percent of all shipments of these products (\$728 million) by all industries. Other industries shipping fertilizers (primary products) consisted mainly of industry 2819, Inorganic Chemicals, N.E.C., \$16 million.

The production index for the primary products of the industry increased to 109 in 1963 from the 1958 level of 94. The unit value index for 1963 was 119 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

2872—FERTILIZERS, MIXING ONLY

This industry comprises establishments primarily engaged in mixing fertilizers from purchased fertilizer materials. Establishments primarily engaged in bulk blending of purchased fertilizer materials mostly for sale directly to the consumer are classified in retail trade. For a detailed list of products of industry 2872, refer to table 6A, product codes 2872200 to 2872278.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Fertilizers, Mixing Only, Industry totaled \$623 million. This amount included shipments of fertilizers, mixing only, (primary products) valued at \$474 million, shipments of other products (secondary products) valued at \$29 million, and miscellaneous receipts, at \$120 million.

This industry's shipments of fertilizers, mixing only, represented 94 percent of its total product shipments. Secondary products shipped by this industry in 1963 consisted mainly of agricultural pesticides and other agricultural chemicals, n.e.c. (\$17 million).

Shipments of fertilizers, mixing only, by this industry represented 96 percent of all shipments of these products (\$493 million) by all industries. Other industries shipping fertilizers, mixing only, consisted mainly of industry 2091, Cottonseed Oil Mills, \$5 million; and industry 2879, Agricultural Chemicals, N.E.C., \$3 million.

The production index for the primary products of the industry increased to 124 in 1963 from the 1958 level of 102. The unit value index for 1963 was 116 compared to 107 in 1958. Both indexes were computed on a basis of 1954 = 100.

2879—AGRICULTURAL PESTICIDES AND OTHER AGRICULTURAL CHEMICALS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in the formulation and preparation of ready-to-use agricultural pest control chemicals, including insecticides, fungicides, rodenticides, and herbicides from technical chemicals and concentrates, and the manufacture and formulation of miscellaneous agricultural chemicals, n.e.c., such as minor or trace elements, soil conditioners, etc. For a detailed list of products of industry 2879, refer to table 6A, product codes 2879012 to 2879098.

The code numbers identifying this industry in 1958 were 2873, Agricultural Pesticides, and 2879, Agricultural Chemicals, N.E.C. As data for industries 2873 and 2879 were combined for 1958 and subsequent years, the content of the new industry 2879, Agricultural Chemicals, N.E.C., is unchanged.

Value of shipments and other receipts of the Agricultural Chemicals, N.E.C., Industry totaled \$477 million. This amount included shipments of agricultural chemicals, n.e.c. (primary products) valued at \$337 million, shipments of other products (secondary products) valued at \$53 million, and miscellaneous receipts, at \$87 million.

This industry's shipments of agricultural chemicals, n.e.c., represented 87 percent of its total product shipments. The industry specialization ratio in 1958 was 90 percent. Secondary products shipped by this industry in 1963 consisted mainly of pesticides and other synthetic organic agricultural chemicals (not formulations) (\$10 million), and essential oils, fireworks, pyrotechnics, and chemicals and chemical preparations, n.e.c. (\$9 million).

Shipments of agricultural chemicals, n.e.c., by this industry represented 69 percent of all shipments of these products (\$489 million) by all industries. In 1958 the coverage ratio was 74 percent. Other industries shipping agricultural chemicals, n.e.c., consisted mainly of industry 2818, Organic Chemicals, N.E.C., \$46 million; and industry 2872, Fertilizers, Mixing Only, \$17 million.

AGRICULTURAL CHEMICALS: SIC 287

Value Added by Manufacture by State: 1963

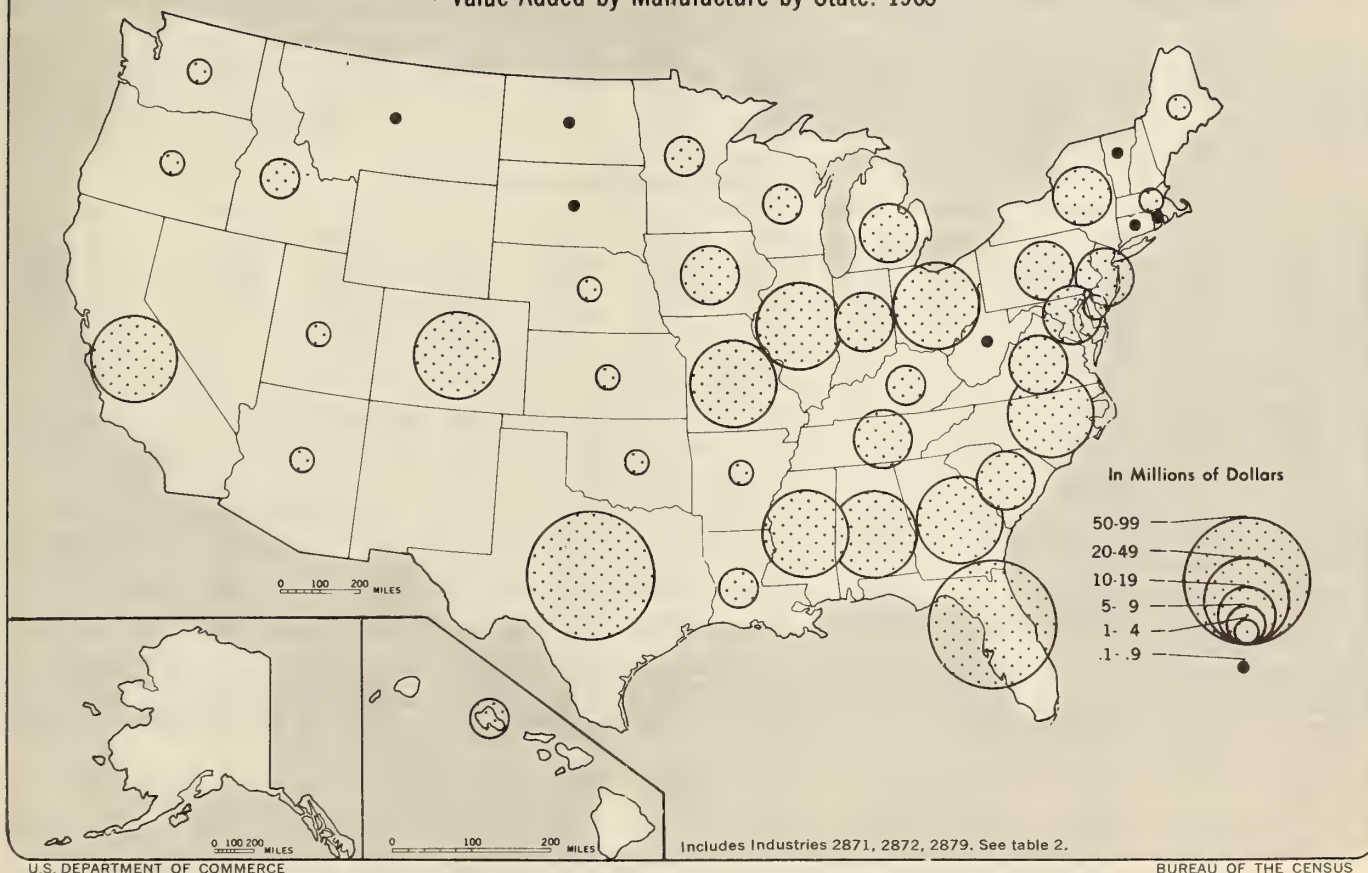


TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spec- ial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2871.—FERTILIZERS														
1963.....	145	281	199	19,992	102,294	14,842	31,899	70,812	287,800	583,608	869,213	45,476	89	97
1958.....	(NA)	283	205	18,728	79,022	14,104	28,986	55,256	197,943	406,203	605,249	24,276	(NA)	(NA)
1957 ¹	(NA)	(NA)	(NA)	18,540	78,372	13,961	29,683	54,931	182,820	358,902	541,392	19,415	94	61
1956 ¹	(NA)	(NA)	(NA)	19,219	79,465	14,865	31,942	56,811	162,655	371,010	530,246	30,630	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	20,122	76,015	15,818	33,095	53,867	176,047	369,930	535,521	33,054	(NA)	(NA)
1954.....	(NA)	260	215	19,728	73,048	15,728	34,527	53,431	179,420	412,203	589,835	33,762	96	60
1953 ¹	(NA)	(NA)	(NA)	22,018	77,470	17,207	(NA)	54,702	179,606	363,770	543,376	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	23,046	74,897	18,550	(NA)	54,709	159,866	372,308	533,432	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	22,759	67,689	18,524	(NA)	49,449	165,839	315,654	482,751	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	19,232	50,033	15,481	31,522	36,737	108,342	226,944	336,480	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	19,887	51,429	16,692	34,137	38,129	117,844	242,341	360,073	(NA)	(NA)	(NA)
1947.....	-	187	-	20,357	47,928	17,359	37,858	37,235	126,919	197,558	312,229	10,823	92	60
1939.....	(NA)	171	(NA)	(NA)	(NA)	11,028	(NA)	9,319	32,172	68,117	100,289	(NA)	(NA)	(NA)
INDUSTRY 2872.—FERTILIZERS, MIXING ONLY														
1963.....	537	733	232	13,752	59,390	9,343	18,714	33,673	164,140	459,172	623,070	11,987	94	96
1958.....	(NA)	685	202	12,161	43,610	8,313	15,931	25,580	105,845	333,332	438,628	8,676	(NA)	(NA)
1957 ¹	(NA)	(NA)	(NA)	11,815	44,715	8,337	18,085	26,412	93,522	255,885	337,244	20,515	97	45
1956 ¹	(NA)	(NA)	(NA)	11,176	40,982	7,990	17,456	24,379	85,875	239,137	318,231	17,265	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	12,004	39,191	8,780	17,395	23,139	94,503	244,353	327,977	15,940	(NA)	(NA)
1954.....	(NA)	580	203	12,040	38,480	8,866	18,575	23,483	92,631	318,885	411,431	12,825	95	44
1953 ¹	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	12,892	36,655	9,619	(NA)	22,281	89,277	242,258	331,309	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	12,562	33,522	9,675	(NA)	20,618	79,257	210,926	290,956	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	12,161	28,420	9,220	18,134	17,299	62,936	188,372	251,074	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	12,105	27,448	9,440	18,736	16,893	60,708	178,577	239,182	(NA)	(NA)	(NA)
1947.....	(NA)	518	-	11,615	23,772	9,251	19,102	15,607	60,007	136,479	193,318	6,310	98	47
1939.....	(NA)	592	(NA)	(NA)	(NA)	7,779	(NA)	4,412	25,069	60,632	85,701	(NA)	(NA)	(NA)
INDUSTRIES 2871.—FERTILIZERS AND 2872.—FERTILIZERS, MIXING ONLY (1959-1963)														
1963.....	682	1,014	431	33,744	161,684	24,185	50,613	104,485	451,940	1,042,780	1,492,283	57,463	(NA)	(NA)
1962 ¹	(NA)	(NA)	(NA)	33,155	151,304	24,045	49,474	97,624	386,527	947,852	1,330,961	67,039	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	33,480	144,337	24,439	50,288	93,127	360,378	877,566	1,222,255	104,951	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	33,911	141,631	24,664	50,728	92,563	386,107	842,915	1,210,690	49,325	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(NA)	(NA)
INDUSTRY 2879.—AGRICULTURAL CHEMICALS, N.E.C.														
1963.....	241	340	112	9,090	51,465	5,280	10,633	24,415	176,333	307,032	476,661	9,055	87	69
1962 ¹	(NA)	(NA)	(NA)	8,690	46,264	5,102	10,186	20,889	146,387	292,697	431,705	7,469	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	8,414	43,646	5,121	10,112	20,241	137,179	275,785	406,677	5,623	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	8,859	44,998	5,291	10,137	20,001	142,390	262,758	397,965	7,838	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	8,455	41,242	5,091	9,511	19,229	127,488	243,168	364,139	7,937	(NA)	(NA)
1958 ²	(NA)	337	101	7,790	37,789	4,919	9,502	18,632	110,993	223,232	333,105	6,977	90	74

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: **All employees:** For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). **Production workers:** For 1947 and prior years figures represent an average of 12 monthly figures. **Value added:** Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. **Cost of materials:** Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. **Value of shipments:** Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that comparable data for prior years are not available.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963										1958		
	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)	All employees (number)	Value added by manufacture, adjusted (\$1,000)
	Total (number)	With 20 employees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2871.—FERTILIZERS													
Total.....	281	199	19,992	102,294	14,842	31,899	70,812	287,800	583,608	869,213	45,476	18,728	197,943
New England.....	5	4	372	1,698	288	562	1,256	2,239	5,495	7,719	260	216	1,520
Middle Atlantic.....	14	6	877	4,917	649	1,395	3,513	8,893	15,636	24,359	828	1,041	8,283
East North Central...	57	44	3,241	16,903	2,335	4,944	11,671	42,243	122,051	164,644	3,141	4,135	46,075
Ohio.....	19	16	1,095	5,103	808	1,739	3,571	13,295	35,900	48,583	1,069	1,545	14,875
Indiana.....	10	8	409	1,829	349	702	1,522	4,132	17,016	21,585	570	573	6,481
Illinois.....	17	14	1,313	7,483	878	1,799	4,782	18,578	50,972	70,312	1,145	1,391	16,237
Michigan.....	5	4	322	1,927	210	515	1,347	4,526	14,101	18,756	225	(2)	(2)
Wisconsin.....	6	2	102	561	90	189	449	1,712	4,062	5,408	132	(2)	(2)
West North Central...	23	11	1,034	4,643	748	1,558	3,056	14,708	44,091	58,267	1,163	801	8,142
Missouri.....	6	5	448	2,332	346	768	1,699	6,705	23,230	29,776	391	344	2,909
South Atlantic.....	82	69	8,742	44,066	6,686	14,786	31,477	110,026	213,483	324,742	31,533	7,869	80,202
Virginia.....	12	9	872	3,540	674	1,531	2,657	7,854	22,461	30,592	478	1,147	9,252
North Carolina.....	13	11	814	3,403	591	1,197	2,121	9,515	20,036	29,355	540	1,744	4,991
Georgia.....	22	20	1,246	4,974	962	2,059	3,223	9,704	31,300	40,409	1,051	1,257	6,323
Florida.....	21	16	4,567	26,346	3,511	7,800	19,202	72,134	112,779	187,622	27,537	3,523	50,009
East South Central...	40	36	2,532	11,347	1,980	4,311	8,366	46,280	68,948	113,622	2,713	2,040	17,439
Alabama.....	14	13	907	4,096	707	1,534	3,034	14,206	23,591	37,320	605	554	3,739
Mississippi.....	11	10	671	3,221	579	1,332	2,545	22,387	20,899	42,588	(D)	478	4,092
West South Central...	26	18	1,752	10,110	1,164	2,461	6,107	39,280	72,411	110,313	2,768	1,547	23,487
Arkansas.....	3	3	194	711	122	257	467	1,520	8,445	10,045	(D)	239	1,991
Louisiana.....	7	4	303	1,316	218	435	776	3,340	9,779	12,806	(D)	(2)	(2)
Oklahoma.....	4	2	187	725	122	242	481	1,356	8,201	9,461	254	(2)	(2)
Texas.....	12	9	1,068	7,358	702	1,527	4,383	33,064	45,986	78,001	1,615	799	18,064
Mountain.....	10	4	820	5,206	596	1,254	3,525	8,782	21,602	30,171	2,786	1,079	12,795
Pacific.....	24	7	622	3,406	396	628	1,841	15,349	19,891	35,376	284		
California.....	18	6	585	3,166	368	571	1,672	14,738	19,111	34,025	268		
INDUSTRY 2872.—FERTILIZERS, MIXING ONLY													
Total.....	733	232	13,752	59,390	9,343	18,714	33,673	164,140	459,172	623,070	11,987	12,161	105,845
Northeast.....	81	23	1,309	5,586	973	1,972	3,664	15,116	43,459	58,218	1,765	1,553	14,051
New York.....	18	8	307	1,460	246	491	1,068	4,161	13,707	18,003	286	444	4,896
Pennsylvania.....	27	5	413	1,797	299	633	1,110	4,298	12,391	16,677	352	444	3,632
East North Central...	145	43	2,593	12,528	1,769	3,428	7,520	41,245	100,789	143,644	2,823	1,803	24,092
Ohio.....	47	16	937	4,481	641	1,250	2,746	18,831	31,450	53,094	543	736	10,511
Illinois.....	33	4	432	2,246	270	500	1,140	6,565	17,148	23,522	705	210	2,993
Wisconsin.....	16	6	281	1,400	200	393	958	3,083	10,663	13,787	459	(2)	(2)
West North Central...	93	25	1,500	7,020	989	1,895	4,118	19,000	62,254	81,769	1,800	1,062	11,245
Minnesota.....	25	10	507	2,193	337	635	1,380	5,122	20,091	25,387	637	300	3,692
Iowa.....	31	8	619	3,110	403	769	1,796	8,845	26,072	35,293	832	298	2,964
Missouri.....	16	2	145	747	88	172	397	2,268	8,586	10,784	(D)	281	2,907
South Atlantic.....	224	100	5,442	21,252	3,680	7,477	11,426	52,712	158,497	211,946	3,858	5,442	38,589
Maryland.....	25	14	792	3,751	537	1,162	2,234	7,368	25,417	33,068	607	938	6,659
Virginia.....	21	14	738	2,832	479	927	1,569	7,686	19,448	26,813	318	824	5,734
North Carolina.....	40	18	999	3,412	648	1,260	1,778	10,222	27,378	38,017	793	1,138	6,116
South Carolina.....	28	6	543	1,534	417	725	956	5,724	14,393	20,158	311	404	2,355
Georgia.....	53	16	961	3,010	729	1,441	1,858	6,117	24,413	30,551	880	932	4,954
Florida.....	51	30	1,315	6,223	813	1,839	2,822	14,104	43,791	58,207	878	1,109	11,691
East South Central...	61	18	1,058	3,899	765	1,547	2,314	10,584	35,638	45,542	537	852	6,410
Kentucky.....	19	6	354	1,445	241	492	806	4,078	12,005	15,794	245	262	2,580
Tennessee.....	8	3	202	768	163	336	558	3,213	9,147	12,157	64	129	954
Alabama.....	26	9	455	1,552	327	653	876	2,994	13,545	16,334	153	416	2,675
West South Central...	48	7	590	2,317	407	792	1,269	5,841	21,599	27,177	354	336	2,643
Texas.....	35	5	413	1,680	269	516	843	4,249	14,376	18,310	270	199	2,041
Mountain.....	22	2	294	1,651	183	366	808	2,701	10,428	13,314	212	1,113	8,815
Pacific.....	59	14	966	5,137	577	1,237	2,554	16,941	26,508	41,460	638		
California.....	42	9	615	3,239	374	826	1,630	8,183	15,241	23,415	361		
Hawaii.....	5	4	246	1,359	143	296	675	7,165	7,662	12,881	222	(2)	(2)

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
INDUSTRY 2879.—AGRICULTURAL CHEMICALS, N.E.C.													
Total.....	340	112	9,090	51,465	5,280	10,633	24,415	176,333	307,032	476,661	9,055	7,790	110,993
Northeast.....	43	17	1,713	10,360	817	1,591	4,041	23,367	46,218	69,715	1,140	1,640	16,380
Massachusetts.....	7	3	119	738	49	89	188	2,015	2,907	4,874	(D)	(²)	(²)
New Jersey.....	15	10	612	3,329	441	871	2,173	8,712	18,606	28,073	513	711	9,260
East North Central..	40	12	664	3,818	316	615	1,327	10,626	17,087	27,673	187	432	6,253
Ohio.....	10	2	120	613	52	95	213	1,267	3,083	4,433	19	(²)	(²)
Illinois.....	15	6	362	1,998	174	345	765	7,405	10,930	18,240	111	(²)	(²)
West North Central..	29	11	1,052	6,677	550	1,053	2,749	19,801	43,525	61,805	1,452	601	6,649
Missouri.....	9	7	711	5,129	293	560	1,657	13,826	27,113	39,042	(D)	375	3,991
Nebraska.....	4	1	117	401	79	138	299	861	5,627	6,678	(D)	(²)	(²)
South Atlantic.....	66	24	1,664	7,724	1,206	2,737	4,883	19,202	60,638	78,375	671	1,413	10,718
North Carolina.....	16	3	217	811	116	217	295	3,068	7,500	10,265	111	136	1,341
Georgia.....	18	8	722	3,452	610	1,579	2,762	5,441	24,249	29,410	190	519	2,437
Florida.....	18	8	415	1,893	257	522	858	7,260	18,308	25,188	104	441	3,256
East South Central..	25	7	871	4,448	626	1,197	2,614	29,381	28,375	55,366	3,002	317	2,889
Alabama.....	12	3	652	3,478	496	953	2,250	25,630	16,370	39,570	2,827	107	605
Mississippi.....	9	2	148	608	95	177	266	2,598	8,649	11,383	(D)	137	1,837
West South Central..	49	17	1,021	5,017	615	1,222	2,483	20,947	43,351	62,984	928	1,269	28,766
Texas.....	34	14	786	4,006	451	889	1,940	16,569	32,510	48,066	714	1,109	27,698
Mountain.....	20	5	561	3,749	327	623	1,869	28,920	16,287	44,341	721	682	20,113
Pacific.....	68	19	1,544	9,672	823	1,595	4,449	24,089	51,551	76,402	954	1,436	19,225
Oregon.....	4	3	199	1,234	128	236	783	3,809	7,766	11,505	137	196	2,160
California.....	56	15	1,263	8,070	662	1,298	3,578	19,421	41,965	62,184	758	1,197	16,734

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parentheses, the number of employees or the employment-size range for that State. SIC 2871, Fertilizers: New England—Maine, 1 (100-249); Massachusetts, 4 (100-249); Middle Atlantic—New York, 4 (100-249); New Jersey, 3 (250-499); Pennsylvania, 7 (317); West North Central—Minnesota, 7 (20-99); Iowa, 4 (258); Nebraska, 2 (20-99); Kansas, 4 (240); South Atlantic—Maryland, 4 (548); South Carolina, 10 (500-999); East South Central—Kentucky, 5 (100-249); Tennessee, 10 (500-999); Mountain—Montana, 3 (20-99); Idaho, 2 (500-999); Colorado, 1 (1-19); Arizona, 2 (1-19); Utah, 2 (100-249); Pacific—Washington, 4 (20-99); Oregon, 2 (1-19).

SIC 2872, Fertilizers, Mixing Only: New England—Maine, 7 (100-249); New Hampshire, 1 (1-19); Vermont, 1 (1-19); Massachusetts, 3 (20-99); Rhode Island, 3 (20-99); Connecticut, 4 (20-99); Middle Atlantic—New Jersey, 17 (250-499); East North Central—Indiana, 32 (500-999); Michigan, 17 (250-499); West North Central—North Dakota, 1 (20-99); South Dakota, 2 (20-99); Nebraska, 12 (20-99); Kansas, 6 (20-99); South Atlantic—Delaware, 5 (20-99); West Virginia, 1 (20-99); Mississippi, 8 (20-99); West South Central—Arkansas, 3 (20-99); Louisiana, 6 (20-99); Oklahoma, 4 (20-99); Mountain—Idaho, 4 (1-19); Colorado, 6 (20-99); New Mexico, 1 (1-19); Arizona, 8 (122); Utah, 1 (100-249); Nevada, 2 (1-19); Pacific—Washington, 10 (20-99); Oregon, 2 (1-19).

SIC 2879, Agricultural Chemicals, N.E.C.: New England—Connecticut, 1 (1-19); Middle Atlantic—New York, 12 (250-499); Pennsylvania, 8 (586); East North Central—Indiana, 1 (1-19); Michigan, 7 (20-99); Wisconsin, 7 (20-99); West North Central—Minnesota, 5 (1-19); Iowa, 7 (20-99); Kansas, 4 (126); South Atlantic—Maryland, 3 (100-249); Virginia, 5 (20-99); West Virginia, 1 (1-19); South Carolina, 5 (20-99); East South Central—Kentucky, 1 (20-99); Tennessee, 3 (20-99); West South Central—Arkansas, 5 (128); Louisiana, 7 (20-99); Oklahoma, 3 (20-99); Mountain—Idaho, 1 (1-19); Colorado, 7 (411); Arizona, 11 (100-249); Nevada, 1 (1-19); Pacific—Washington, 8 (20-99).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Fertilizers (SIC 2871)	Fertilizers, mixing only (SIC 2872)	Agricultural chemicals, n.e.c. (SIC 2879)
Primary product specialization ratio ¹.....	.89	.94	.87
Coverage ratio ².....	.97	.96	.69
Establishments, total.....number..	281	733	340
With 1 to 19 employees.....do....	82	501	228
With 20 to 99 employees.....do....	144	224	97
With 100 employees or more.....do....	55	8	15
Proprietors and working partners.....do....	36	172	63
All employees (average for the year).....do....	19,992	13,752	9,090
Payroll (all employees), total for year.....\$1,000..	102,294	59,390	51,465
Production workers:			
Average for the year.....number..	14,842	9,343	5,280
March.....do....	16,493	10,778	5,471
May.....do....	16,945	11,889	5,840
August.....do....	12,565	6,944	5,111
November.....do....	13,339	7,760	4,736
Man-hours.....1,000..	31,899	18,714	10,633
January-March.....do....	8,384	4,642	2,614
April-June.....do....	9,232	6,241	2,990
July-September.....do....	6,789	3,747	2,680
October-December.....do....	7,485	4,081	2,349
Wages.....\$1,000..	70,812	33,673	24,415
Cost of materials, etc., total.....do....	583,608	459,172	307,032
Materials, parts, containers, and supplies consumed.....do....	491,127	355,243	244,083
Cost of resales.....do....	69,361	95,814	58,508
Fuels consumed.....do....	9,208	2,253	1,585
Electric energy:			
Purchased:			
Quantity.....million kw.-hrs..	1,182	184	119
Cost.....\$1,000..	11,927	2,741	1,555
Generated less sold.....million kw.-hrs..	(D)	-	(D)
Contract work.....\$1,000..	1,985	3,121	1,301
Value of shipments (including resales), total.....do....	869,213	623,070	476,661
Value of resales.....do....	79,565	116,302	73,552
Value added by manufacture, adjusted.....do....	287,800	164,140	176,333
Manufacturers' inventories:			
Beginning of year, total.....do....	143,918	102,677	85,782
Finished products.....do....	76,052	55,583	53,670
Work-in-process.....do....	22,150	10,440	3,972
Materials, supplies, fuel, etc.....do....	45,716	36,654	28,140
End of year, total.....do....	148,876	108,226	93,327
Finished products.....do....	80,708	56,041	60,139
Work-in-process.....do....	19,689	10,224	4,207
Materials, supplies, fuel, etc.....do....	48,479	41,961	28,981
Expenditures for plant and equipment, total.....do....	46,453	13,240	9,411
New, total.....do....	45,476	11,987	9,055
New structures and additions to plant.....do....	13,908	3,602	1,979
New machinery and equipment.....do....	31,568	8,385	7,076
Used plant and equipment.....do....	977	1,253	356
Selected operating ratios:			
Payroll/Total employment.....	5,104	4,319	5,662
Production workers/Total employment.....	.74	.68	.58
Man-hours/Production workers.....	2,149	2,007	2,014
Production worker wages/Man-hours.....	2.21	1.70	2.20
Cost of materials and payrolls/Total value of shipments.....	.79	.83	.75
Cost of materials/Total value of shipments.....	.67	.74	.64
Adjusted value added/Total employment.....	14,396	11,936	19,398
Salaries and wages/Adjusted value added.....	.36	.36	.29

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
	INDUSTRY 2871.—FERTILIZERS										
Establishments.....number..	281	44	20	18	71	73	40	13	1	1	—
All employees:											
Total.....do....	19,992	72	143	261	2,471	5,133	5,720	6,192	(D)	(D)	—
Payroll.....\$1,000..	102,294	300	593	1,112	10,430	23,727	29,318	36,814	(D)	(D)	—
Value added, adjusted.....do....	287,800	717	2,381	3,440	27,898	62,621	67,946	122,797	(D)	(D)	—
Value of shipments.....do....	869,213	1,801	5,903	11,320	104,256	237,367	220,390	288,176	(D)	(D)	—
Capital expenditures, new...do....	45,476	1,622	56	163	1,443	4,798	14,377	24,017	(D)	(D)	—
	INDUSTRY 2872.—FERTILIZERS, MIXING ONLY										
Establishments.....number..	733	177	130	194	177	47	8	—	—	—	—
All employees:											
Total.....do....	13,752	361	904	2,703	5,425	3,200	1,159	—	—	—	—
Payroll.....\$1,000..	59,390	1,572	3,603	11,046	22,691	15,120	5,358	—	—	—	—
Value added, adjusted.....do....	164,140	4,140	10,199	29,121	62,245	34,135	24,300	—	—	—	—
Value of shipments.....do....	623,070	18,557	38,236	110,744	245,100	150,033	60,400	—	—	—	—
Capital expenditures, new...do....	11,987	396	961	2,240	5,673	2,072	645	—	—	—	—
	INDUSTRY 2879.—AGRICULTURAL CHEMICALS, N.E.C.										
Establishments.....number..	340	105	61	62	71	26	9	5	1	—	—
All employees:											
Total.....do....	9,090	220	415	836	2,197	1,925	1,048	2,449	(D)	—	—
Payroll.....\$1,000..	51,465	947	2,190	3,883	11,085	11,038	5,770	16,552	(D)	—	—
Value added, adjusted.....do....	176,333	3,024	5,690	18,382	33,787	30,412	14,285	70,753	(D)	—	—
Value of shipments.....do....	476,661	11,570	21,007	55,846	110,789	99,210	50,462	127,777	(D)	—	—
Capital expenditures, new...do....	9,055	157	241	499	930	1,787	895	4,546	(D)	—	—

— Represents zero. n.e.c. Not elsewhere classified.

(D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

¹Includes capital expenditures for plants under construction but not in operation of approximately \$500-\$1,000 thousand.

TABLE 5A. Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscel- aneous receipts	Primary product special- ization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
Col. B Col. B+C (percent)	Col. B Col. F (percent)									
(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(percent)	
A	B	C	D	E	F	G	H	I		
2871	Fertilizers and fertilizers, mixing only.....1963..	1,492,283	1,176,388	114,429	201,466	91	1,220,551	1,176,388	44,163	96
2872		1,043,877	857,026	36,674	150,177	96	883,301	857,026	26,275	97
2871	Fertilizers.....1963..	869,213	702,512	85,274	81,427	89	727,862	702,512	25,350	97
		605,249	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2872	Fertilizers, mixing only.....1963..	623,070	473,876	29,155	120,039	94	492,689	473,876	18,813	96
		438,628	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2879	Agricultural chemicals, n.e.c.....1963..	476,661	337,145	52,565	86,951	87	488,749	337,145	151,604	69
		333,105	259,187	28,934	44,984	90	347,628	259,187	88,441	74

Note: See Introduction for an explanation of terms used.

Standard Notes: — Represents zero. (D) Withheld to avoid disclosing figures of individuals companies. applicable. n.e.c. Not elsewhere classified.

(NA) Not available.

(X) Not

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Fertilizers (SIC 2871)	Inorganic chemicals, n.e.c. (SIC 2819)	Other industries				
	Total shipments and receipts of the industry.....	(X)	869,213	(X)	(X)				
	Primary products.....	727,862	702,512	16,381	8,969				
28711--	Superphosphate and other phosphatic fertilizers.....	321,487	306,251	11,279	3,957				
28712--	Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin....	406,375	396,261	5,102	15,012				
	Other products.....	(X)	85,274	(X)	(X)				
28191	Synthetic ammonia, nitric acid, and ammonium compounds....	(X)	33,938	(X)	(X)				
28193	Sulfuric acid.....	(X)	9,048	(X)	(X)				
28194	Inorganic acids, except nitric and sulfuric.....	(X)	21,971	(X)	(X)				
28197	Potassium, and sodium compounds (except bleaches, alkalies, and alums).....	(X)	3,484	(X)	(X)				
28199	Reagent and high purity grades of inorganic chemicals and other inorganic chemicals, n.e.c.....	(X)	9,220	(X)	(X)				
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	4,700	(X)	(X)				
	Other secondary products.....	(X)	2,913	(X)	(X)				
	Miscellaneous receipts.....	(X)	81,427	(X)	(X)				
	Contract work.....	(X)	1,100	(X)	(X)				
	Resales.....	(X)	79,565	(X)	(X)				
	Other receipts.....	(X)	762	(X)	(X)				
		All industries	Fertilizers, mixing only (SIC 2872)	Cottonseed oil mills (SIC 2091)	Agricultural chemicals, n.e.c. (SIC 2879)	Other industries			
	Total shipments and receipts of the industry.....	(X)	623,070	(X)	(X)	(X)			
28722	Mixed fertilizers made by plants which do not manufacture any ingredients.....	492,689	473,876	5,358	2,652	110,803			
	Other products.....	(X)	29,155	(X)	(X)	(X)			
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	(X)	17,006	(X)	(X)	(X)			
	Other secondary products.....	(X)	212,149	(X)	(X)	(X)			
	Miscellaneous receipts.....	(X)	120,039	(X)	(X)	(X)			
	Contract work.....	(X)	2,871	(X)	(X)	(X)			
	Resales.....	(X)	116,302	(X)	(X)	(X)			
	Other receipts.....	(X)	866	(X)	(X)	(X)			
		All industries	Agricultural chemicals, n.e.c. (SIC 2879)	Alkalies and chlorine (SIC 2812)	Organic chemicals, n.e.c. (SIC 2818)	Inorganic chemicals, n.e.c. (SIC 2819)	Fertilizers (SIC 2871)	Fertilizers, mixing only (SIC 2872)	Other industries
	Total shipments and receipts of the industry.....	(X)	476,661	(X)	(X)	(X)	(X)	(X)	(X)
28790	Insecticidal and fungicidal preparations (formulations) primarily for agricultural use.....	488,749	337,145	6,488	45,885	12,374	4,700	17,006	365,151
	Secondary products.....	(X)	52,565	(X)	(X)	(X)	(X)	(X)	(X)
28184	Pesticides and other organic agricultural chemicals (not formulations).....	(X)	9,982	(X)	(X)	(X)	(X)	(X)	(X)
2819-	Inorganic chemicals, n.e.c.....	(X)	6,384	(X)	(X)	(X)	(X)	(X)	(X)
28421	Household insecticides and repellants.....	(X)	8,023	(X)	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Agricultural chemicals, n.e.c. (SIC 2879)	Alkalies and chlorine (SIC 2812)	Organic chemicals, n.e.c. (SIC 2818)	Inorganic chemicals, n.e.c. (SIC 2819)	Fertilizers (SIC 2871)	Fertilizers, mixing only (SIC 2872)	Other industries
	Secondary products—Continued								
28722	Mixed fertilizers made by plants which do not manufacture any ingredients.....	(X)	2,652	(X)	(X)	(X)	(X)	(X)	(X)
28993	Essential oils, fireworks, pyrotechnics, and chemicals and chemical preparations, n.e.c.....	(X)	9,218	(X)	(X)	(X)	(X)	(X)	(X)
	Other secondary products.....	(X)	416,306	(X)	(X)	(X)	(X)	(X)	(X)
	Miscellaneous receipts.....	(X)	86,951	(X)	(X)	(X)	(X)	(X)	(X)
	Resales.....	(X)	73,552	(X)	(X)	(X)	(X)	(X)	(X)
	Other receipts.....	(X)	13,399	(X)	(X)	(X)	(X)	(X)	(X)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c Not elsewhere classified.

¹The following industry had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2819, Inorganic Chemicals, N.E.C.

²The following product class had shipments which totaled \$2 million or more but are withheld to avoid disclosing company figures: 28191, Synthetic ammonia, nitric acid, and ammonium compounds.

³Includes \$3,543 thousand shipped by establishments classified in industry 2834, Pharmaceutical Preparations; \$3,206 thousand shipped by establishments classified in industry 2833, Medicinals and Botanicals; and \$1,002 thousand shipped by establishments classified in industry 2842, Polishes and Sanitation Goods. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2042, Prepared Animal Feeds; 2821, Plastics Materials and Resins; 2851, Paints and Allied Products; 2861, Gum and Wood Chemicals; 2899, Chemical Preparations, N.E.C.; and 2911, Petroleum Refining.

⁴The following product classes had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20999, Other food preparations, n.e.c.; 28182, Miscellaneous acyclic chemicals and chemical products; and 28213, Thermoplastic resins and plastics materials.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	1963			1958		
		Production for all purposes	Total shipments, including interplant transfers		Production for all purposes	Total shipments, including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
		(short tons)	(short tons)		(short tons)	(short tons)	
2871- --	FERTILIZERS, TOTAL.....	(X)	(X)	727,862	(X)	(X)	(NA)
28711 --	Superphosphate and other phosphatic fertilizer materials, total ¹ .	(X)	(X)	321,487	(X)	(X)	153,611
	Superphosphate:						
28711 15	Normal and enriched (less than 40% P ₂ O ₅) (basis 100% P ₂ O ₅)...	1,185,975	623,958	58,225	1,265,258	681,361	63,376
28711 41	Concentrated (40% or more P ₂ O ₅) (basis 100% P ₂ O ₅).....	² 1,116,513	1,138,007	105,252	² 833,529	802,561	80,654
28711 51	Ammonium phosphates (chemically processed nitrogenphosphorus materials comprising liquid and solid fertilizer grades of mono-ammonium and diammonium phosphates and their processed combinations with ammonium sulphate). (Excludes the P ₂ O ₅ content of ammonium phosphates produced in combination with potash salts to make complete mixtures) (basis 100% P ₂ O ₅)...	³ 745,804	663,875	108,092	(NA)	(NA)	(⁴)
28711 61	Other phosphatic fertilizer materials (chemically processed materials such as ammonium phosphate potash mixtures, nitro-phosphates, calcium metaphosphates, sodium phosphates, wetbase goods, etc.) (basis 100% P ₂ O ₅).....	⁵ 164,970	113,224	31,730	(NA)	(NA)	(⁴)
28711 71	Defluorinated superphosphate and defluorinated phosphate rock (feed grade) (100% P).....	49,272	50,094	18,188	}	(X)	9,581
28711 00	Superphosphate and other phosphatic fertilizers, n.e.c.....	(X)	(X)	-		(X)	
28712 --	Mixed fertilizers produced from one or more materials (i.e., superphosphate) produced in the same plant and natural organic fertilizers, total.....	(X)	(X)	406,375	(X)	(X)	(⁶)
	Complete mixtures (grades guaranteeing N, P ₂ O ₅ , and K ₂ O):						
28712 13	Shipped in dry form.....	6,571,700	6,436,559	335,814	(X)	(X)	(⁶)
28712 17	Shipped in liquid form.....	84,299	84,787	6,104	(X)	(X)	(⁶)
	Incomplete mixtures (includes dry and liquid forms):						
28712 25	Grades guaranteeing N and P ₂ O ₅ only (includes ammoniated superphosphates but excludes ammonium phosphates).....	251,849	210,208	13,771	(X)	(X)	(⁶)
28712 31	Grades guaranteeing P ₂ O ₅ and K ₂ O only.....	372,407	348,418	17,133	(X)	(X)	(⁶)
28712 51	Grades guaranteeing N and K ₂ O only.....	62,977	63,151	3,844	(X)	(X)	(⁶)
28712 78	Other incomplete mixtures.....	56,228	56,280	2,517	(X)	(X)	(⁶)
28712 85	Fertilizer materials of organic origin (includes activated sewage sludge, processed tankage and other natural fertilizer materials).....	337,371	321,130	11,830	(X)	(X)	7,406
28712 00	Mixed fertilizers, complete and incomplete, and fertilizer materials of organic origin, n.s.k.....	(X)	(X)	715,362	(X)	(X)	(⁶)
2872- --	FERTILIZERS, MIXING ONLY, TOTAL.....	(X)	(X)	492,689	(X)	(X)	(⁶)
28722 --	Mixed fertilizers made by plants which do not manufacture any ingredients, total.....	(X)	(X)	492,689	(X)	(X)	(⁶)
	Complete mixtures (grades guaranteeing N, P ₂ O ₅ , and K ₂ O):						
28722 13	Shipped in dry form.....	6,830,575	6,725,585	354,607	(X)	(X)	(⁶)
28722 17	Shipped in liquid form.....	283,476	287,667	15,768	(X)	(X)	(⁶)
	Incomplete mixtures:						
28722 25	Grades guaranteeing N and P ₂ O ₅ only (including ammoniated superphosphates).....	311,021	308,805	21,345	(X)	(X)	(⁶)
28722 31	Grades guaranteeing P ₂ O ₅ and K ₂ O only.....	437,374	423,857	20,378	(X)	(X)	(⁶)
28722 51	Grades guaranteeing N and K ₂ O only.....	159,608	160,249	8,189	(X)	(X)	(⁶)
28722 78	Other incomplete mixtures.....	153,522	162,889	7,154	(X)	(X)	(⁶)
28722 00	Mixed fertilizers made by plants which do not manufacture any ingredients, n.s.k.....	(X)	(X)	765,248	(X)	(X)	(⁶)
28712 --	Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin.....	}	(X)	899,064	(X)	(X)	729,690
28722 --	Mixed fertilizers made by plants which do not manufacture any ingredients.....						
	Complete mixtures (grades guaranteeing N, P ₂ O ₅ , and K ₂ O):						
28712 13	Shipped in dry form.....	13,402,275	13,162,144	690,421	12,343,567	12,320,934	584,177
28712 17	Shipped in liquid form.....	367,775	372,454	21,872	105,436	106,306	6,171
	Incomplete mixtures:						
28712 25	Grades guaranteeing N and P ₂ O ₅ only (including ammoniated superphosphates).....	562,870	519,013	35,116	618,538	594,192	46,508
28712 31	Grades guaranteeing P ₂ O ₅ and K ₂ O only.....	809,781	772,275	37,511	660,895	656,284	31,056
28712 51	Grades guaranteeing N and K ₂ O only.....	222,585	223,400	12,033	129,226	126,254	6,973
28712 78	Other incomplete mixtures.....	209,750	219,169	9,671	130,468	125,743	6,299

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	1963			1958		
		Production for all purposes	Total shipments, including interplant transfers		Production for all purposes	Total shipments, including interplant transfers	
			Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
		(short tons)	(short tons)		(short tons)	(short tons)	
2872- --	FERTILIZERS, MIXING ONLY—Continued						
28722 --	Mixed fertilizers made by plants which do not manufacture any ingredients—Continued						
28712 85	Fertilizer materials of organic origin (includes activated sewage sludge, processed tankage, and other natural fertilizer materials).....	337,371	321,130	11,830	(X)	(X)	7,406
28712 00	Mixed fertilizers, complete and incomplete, and fertilizer materials of organic origin, n.s.k.....	(X)	(X)	780,610	(X)	(X)	741,100
28722 00		(1,000 pounds)	(1,000 pounds)		(1,000 pounds)	(1,000 pounds)	
2879- --	AGRICULTURAL PESTICIDES AND OTHER AGRICULTURAL CHEMICALS, TOTAL.....	(X)	(X)	488,749	(X)	(X)	347,628
	Insecticidal and other fungicidal preparations (formulations) primarily for agricultural use, excluding aerosols and fly sprays:						
28790 12	Arsenic compounds (calcium and lead arsenate).....	5,576	4,873	1,515	(X)	(X)	3,572
28790 13	Arsenical insecticides and fungicides, including paris green and other copper arsenicals or mixtures containing arsenicals and excluding weed killers.....	(NA)	(NA)	3,626	14,352	13,987	2,030
28790 15	Sulfur containing preparations, including wettable sulfur, sulfur dust and lime sulfur.....	202,947	193,885	9,473	320,089	324,460	15,474
28790 32	Benzene hexachloride and/or lindane preparations without DDT...	(NA)	(NA)	4,148	(NA)	(NA)	10,790
	DDT-containing preparations:						
28790 33	Preparations containing DDT as the active ingredient.....	191,954	181,717	25,827	207,775	210,406	27,986
28790 35	Preparations of DDT and other toxicants.....	156,261	153,757	23,177	123,559	121,972	13,457
28790 39	Chlorinated hydrocarbon pesticidal preparations other than those containing benzene hexachloride or DDT.....	308,394	298,606	68,796	(NA)	(NA)	72,204
28790 41	Organic phosphate containing pesticidal preparations.....	219,765	204,561	59,695	92,184	95,157	27,048
28790 49	Other agricultural insecticidal preparations and/or concentrates, including petroleum oil sprays and emulsions without other toxicants, excluding botanicals.....	(NA)	(NA)	60,716	(X)	(X)	21,580
28790 53	Petroleum oil sprays containing other toxicants.....	(X)	(X)	8(X)	7,992	7,836	8,499
28790 61	Botanical preparations and/or concentrates for agricultural use.....	(NA)	(NA)	813	(NA)	(NA)	4,879
28790 65	Seed treatment compounds (insecticides, fungicides, and innoculants).....	20,875	20,489	7,729	(NA)	(NA)	6,943
28790 67	Copper-containing dry preparations, including dry bordeaux mixture, excluding paris green and copper sulfate.....	19,761	19,026	3,109	23,541	21,781	2,770
28790 69	Other fungicidal preparations for agricultural use.....	76,876	75,911	25,077	67,468	67,930	28,802
28790 71	Fumigants, soil.....	30,678	29,243	7,842	12,723	11,425	3,884
	Weed killers (herbicidal preparations):						
28790 81	Arsenical preparations.....	24,451	24,959	2,326	46,462	46,681	2,045
28790 82	Sodium chlorate preparations.....	67,029	57,697	10,634	93,313	91,524	4,699
28790 83	2, 4-D (2, 4-dichlorophenoxyacetic acid) and derivatives.....	(NA)	(NA)	25,570	(NA)	(NA)	19,198
28790 84	2, 4, 5-trichlorophenoxyacetic acid and derivatives.....	(NA)	(NA)	12,831	(NA)	(NA)	7,852
28790 89	Other weed killers (hydrocarbon, etc.) including defoliants, desiccants, algicides, etc.....	192,296	186,051	67,758	(NA)	(NA)	21,921
28790 98	Agricultural chemicals, n.e.c., such as disinfectants, animal dips, and soil conditioners.....	(NA)	(NA)	21,290	(NA)	(NA)	4,124
28790 00	Agricultural pesticides and other agricultural chemicals, n.s.k.....	(X)	(X)	46,797	(X)	(X)	37,871

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

¹Quantity data showing production, shipments, plant consumption and stocks have been published on a monthly basis for intercensal years in Current Industrial Reports Series M28D, Superphosphate and Other Phosphatic Fertilizer Materials, for product codes 2871115, 2871141, 2871151 and 2871161.

²Production data include 18,696 short tons of 100% P₂O₅ for 1963 and 12,190 short tons for 1958, reported by Tennessee Valley Authority.

³Production data include 32,702 short tons of 100% P₂O₅ reported by Tennessee Valley Authority.

⁴In 1958 data for ammonium phosphates and other chemically processed phosphatic fertilizer materials were included in complete or incomplete mixtures, codes 2871213, 17, 25, 31, and 78.

⁵Production data include 41,812 short tons of 100% P₂O₅ reported by Tennessee Valley Authority.

⁶For 1958, product information for industry 2871, Fertilizers, was combined with product information for industry 2872, Fertilizers, Mixing Only. See combined figures below for comparable 1958 and 1963 data.

⁷This figure is largely accounted for by small establishments reporting on "short forms" which did not require the reporting of detailed information by mixtures.

⁸For 1963, petroleum oil sprays containing other toxicants are reported on the applicable toxicant lines.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
2871	Fertilizers.....1963.. 1958..	109 94	119 105
28711	Superphosphate and other phosphatic fertilizer materials.....1963.. 1958..	138 118	112 100
28712	Mixed fertilizers produced from one or more materials (i.e., superphosphate) produced in the same plant and natural organic fertilizers..1963.. 1958..	101 87	123 107
2872	Fertilizers, mixing only.....1963.. 1958..	124 102	116 107
28722	Mixed fertilizers made by plants which do not manufacture any ingredients.....1963.. 1958..	124 102	116 107

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments, 1947, 1954, 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958	1954	1947
2871— 28711	Fertilizers..... Superphosphate and other phosphatic fertilizer materials.....	727,862 321,487	² 1,092,831 ³ 210,172	² 1,023,259 ³ 184,611	² 1,030,887 ³ 181,407	² 1,017,776 ³ 183,690	² 883,301 ³ 153,611	(NA) 131,315	(NA) 85,506
28712	Mixed fertilizers (from one or more materials produced in this plant and fertilizer materials of organic origin)....	406,375	³ 877,434	³ 833,500	³ 843,958	³ 828,971	³ 724,302	(NA)	(NA)
28710 28720	Fertilizers, n.s.k.....		(²)	(²)	(²)	(²)	² 5,388	(NA)	(NA)
2872— 28722		492,689	(²)	(²)	(²)	(²)	(²)	(NA)	(NA)
	Fertilizers, mixing only.....	492,689	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(NA)	(NA)
	Mixed fertilizers made by plants which do not manufacture any ingredients.....	492,689	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(NA)	(NA)
2879— 28790	Agricultural chemicals, n.e.c..... Agricultural pesticides and other agricultural chemicals, n.e.c.....	488,749 488,749	406,301 406,301	(S) (S)	(S) (S)	(S) (S)	347,628 347,628	(NA) (NA)	(NA) (NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

²Data for 2871 primary products shipments for 1958 through 1962 include value figures for product classes 28722, 28710, and 28720.

³For 1958 through 1962 data for ammonium phosphates and other chemically processed phosphatic fertilizer materials were included in complete or incomplete mixtures, code 28712.

⁴Data for product class 28722 combined with product class 28712 for 1958 through 1962.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	Product class and geographic area	Value of shipments
	1963 ¹	1958		1963 ¹		1963 ¹
SUPERPHOSPHATE AND OTHER PHOSPHATIC FERTILIZERS (28711)			MIXED FERTILIZERS (FROM ONE OR MORE MATERIALS PRODUCED IN THIS PLANT) AND FERTILIZER MATERIALS OF ORGANIC ORIGIN (28712)—Continued		MIXED FERTILIZERS MADE BY PLANTS WHICH DO NOT MANUFACTURE ANY INGREDIENTS (28722)—Continued	
United States, total....	321,487	153,611			West South Central.....	20,011
New England.....	1,924	2,147	East South Central.....	60,429	Arkansas.....	3,371
Middle Atlantic.....	3,081	4,695	Kentucky.....	2,336	Texas.....	13,101
East North Central.....	18,712	11,037	Tennessee.....	21,027	Mountain.....	4,560
Ohio.....	2,794	3,169	West South Central.....	37,215	Arizona.....	2,146
Indiana.....	1,435	2,417	Louisiana.....	9,283	Pacific.....	33,355
Illinois.....	13,166	3,977	Texas.....	17,931	Washington.....	5,804
West North Central.....	17,686	4,717	Mountain.....	1,086	California.....	19,699
South Atlantic.....	165,966	103,747	Pacific.....	15,588		
Maryland.....	9,955	11,641			INSECTICIDAL AND FUNGICIDAL PREPARATIONS (FORMULATIONS) PRIMARILY FOR AGRICULTURAL USE (28790)	
Virginia.....	4,847	4,213	MIXED FERTILIZERS MADE BY PLANTS WHICH DO NOT MANUFACTURE ANY INGREDIENTS (28722)		United States, total...	488,749
North Carolina.....	2,890	3,187			New England.....	2,710
South Carolina.....	2,452	2,872	United States, total...	492,689	Middle Atlantic.....	75,674
Georgia.....	5,245	5,217			New York.....	8,841
Florida.....	140,577	76,617	New England.....	10,707	New Jersey.....	28,443
East South Central.....	24,725	10,204	Maine.....	5,851	Pennsylvania.....	38,390
Tennessee.....	5,945	5,224	Middle Atlantic.....	41,220	East North Central.....	67,853
Alabama.....	11,998	2,424	New York.....	15,830	Ohio.....	10,051
West South Central.....	50,357	3,100	New Jersey.....	9,643	Illinois.....	18,498
Mountain.....	23,966	(²)	Pennsylvania.....	15,747	Wisconsin.....	2,771
Pacific.....	15,070	(²)	East North Central.....	120,654	West North Central.....	52,582
			Ohio.....	43,427	Iowa.....	5,583
MIXED FERTILIZERS (FROM ONE OR MORE MATERIALS PRODUCED IN THIS PLANT) AND FERTILIZER MATERIALS OF ORGANIC ORIGIN (28712)			Indiana.....	31,572	Missouri.....	32,845
United States, total....	406,375		Illinois.....	17,359	Nebraska.....	6,323
New England.....	3,891		Michigan.....	15,738	Kansas.....	5,843
Middle Atlantic.....	17,250		Wisconsin.....	12,558		
East North Central.....	128,930		West North Central.....	60,091	South Atlantic.....	74,847
Ohio.....	40,017		Minnesota.....	22,696	Virginia.....	2,794
Indiana.....	19,112		Iowa.....	23,192	North Carolina.....	8,625
Illinois.....	48,136		Missouri.....	6,325	South Carolina.....	6,770
Michigan.....	16,711		Nebraska.....	3,465	Georgia.....	30,649
Wisconsin.....	4,954				Florida.....	22,076
West North Central.....	36,361		South Atlantic.....	164,057	East South Central.....	55,682
Iowa.....	15,272		Maryland.....	25,104	Tennessee.....	8,578
South Atlantic.....	105,625		Virginia.....	21,515	Mississippi.....	10,835
Virginia.....	22,972		North Carolina.....	28,879		
North Carolina.....	20,876		South Carolina.....	14,351	West South Central.....	61,376
Georgia.....	29,121		Georgia.....	22,545	Louisiana.....	5,361
Florida.....	12,912		Florida.....	47,972	Texas.....	50,256
			East South Central.....	38,034	Mountain.....	42,738
			Kentucky.....	13,791		
			Tennessee.....	9,669	Pacific.....	55,287
			Alabama.....	13,039	Oregon.....	8,519
			Mississippi.....	1,535	California.....	44,278

¹For the specified product classes shipments of \$1 million or more were reported for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28711, Maine, New Jersey, Minnesota, Iowa, Missouri, Kentucky, Mississippi, Oklahoma, Texas, Idaho, Arizona, Utah, Washington, California; 28712, Massachusetts, New York, New Jersey, Pennsylvania, Missouri, Kansas, Maryland, South Carolina, Alabama, Mississippi, Arkansas, Oklahoma, Washington, California; 28722, Massachusetts, North Dakota, South Dakota, Kansas, Delaware, Louisiana, Oklahoma, Hawaii; 28790, Massachusetts, Indiana, Michigan, Minnesota, Maryland, Alabama, Arkansas, Oklahoma, Colorado, Arizona, Nevada, Washington.

²Shipments of \$1 million or more were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Basis	Unit of measure for quantities	1963		1958	
				Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
				INDUSTRY 2871.—FERTILIZERS			
	Materials, containers, and supplies, total.....			(X)	491,127	(X)	606,413
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH ₃ ...	Short tons..	450,574	32,251	¹ 254,963	¹ 21,712
281913	Ammoniating or nitrogen solutions including mixtures containing urea.....	100% N.....	...do.....	236,386	31,298	¹ 417,103	¹ 55,755
281914	Ammonium nitrate.....	100% NH ₄ NO ₃..	...do.....	48,624	3,171	¹ 130,990	¹ 9,195
281975	Sodium nitrate.....	100% NaNO ₃..	...do.....	19,628	779	¹ 607,296	¹ 24,017
281915	Ammonium sulfate.....	100% (NH ₄) ₂ SO ₄..	...do.....	282,883	8,785	(D)	(D)
281826	Urea and calurea.....	100% N.....	...do.....	8,133	1,488	¹ 23,015	¹ 3,469
281916	Other chemical nitrogenous materials, including potassium nitrate, calcium cyanamide and ammonium nitrate limestone mixtures.....		...do.....	63,250	2,671	¹ 110,320	¹ 5,484
200011	Organic ammoniates.....		...do.....	77,119	3,327	¹ 156,273	¹ 3,566
	Phosphatic materials:						
287111	Super phosphate, used in mixed goods normal and enriched (less than 40% P ₂ O ₅).....	100% P ₂ O ₅...	...do.....	² 46,795	3,855	¹ 30,199	¹ 3,496
287114	Concentrated (40% P ₂ O ₅ and over).....	100% P ₂ O ₅...	...do.....	² 231,945	26,312	¹ 385,852	¹ 50,551
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P ₂ O ₅...	...do.....	⁴ 65,722	8,616	¹ 8,962	¹ 1,077
	Potassic materials:						
147401	Muriate of potash, include all grades converted to 60-62% K ₂ O basis.....	K ₂ O 60-62%..	...do.....	1,482,223	55,949	¹ 2,337,410	¹ 85,011
147402	Other potash bearing materials (potassium sulfate).....		...do.....	160,442	7,273	¹ 7,903	¹ 310
999821	Inert fillers, secondary plant food and soil conditioners, including sand, peat.....		...do.....	650,821	5,139	¹ 690,903	¹ 5,993
	Sulfuric acid:						
281931	Sulfuric acid, except spent.....	100% H ₂ SO ₄..	...do.....	⁵ 1,627,347	23,866	¹ 1,096,186	¹ 18,362
281933	Spent sulfuric acid.....	100% H ₂ SO ₄..	...do.....	602,258	7,614	¹ 386,282	¹ 5,742
147501	Phosphate rock.....		Long tons..	9,655,221	94,672	¹ 6,652,966	¹ 69,932
281948	Phosphoric acid.....	100% P ₂ O ₅ ...	Short tons..	⁶ 211,362	25,991	¹ 72,117	¹ 11,418
147701	Sulfur.....		Long tons..	1,802,902	45,000	¹ 1,176,482	¹ 33,385
	Containers:						
239300	Textile.....			(X)	1,032	-	¹ 29,190
264302	Bags, except textile (including shipping sacks).....			(X)	19,892	-	¹ 2,970
	All other materials and components:						
970099	Parts, containers, and supplies consumed.....			(X)	45,785	-	¹ 134,620
976000	Materials, containers, supplies, n.s.k.....			(X)	⁷ 36,361	-	¹ 31,158
				INDUSTRY 2872.—FERTILIZERS, MIXING ONLY			
	Materials, containers, and supplies, total.....			(X)	355,243	(X)	(¹)
	Nitrogenous materials:						
281912	Ammonia, synthetic, anhydrous.....	100% NH ₃ ...	Short tons..	101,682	9,155	(¹)	(¹)
281913	Ammoniating, or nitrogen solution including mixtures containing urea.....	100% N.....	...do.....	232,753	30,467	(¹)	(¹)
281914	Ammonium nitrate.....	100% NH ₄ NO ₃..	...do.....	111,593	7,792	(¹)	(¹)
281975	Sodium nitrate.....	100% NaNO ₃..	...do.....	40,472	1,996	(¹)	(¹)
281915	Ammonium sulfate.....	100% (NH ₄) ₂ SO ₄..	...do.....	352,885	11,854	(¹)	(¹)
281826	Urea and calurea.....	100% N.....	...do.....	26,964	4,827	(¹)	(¹)
281916	Other chemicals nitrogenous materials, including potassium nitrate, calcium cyanamide, ammonium nitrate and limestone mixtures.....		...do.....	89,483	3,946	(¹)	(¹)
200011	Organic ammoniates.....		...do.....	152,957	6,165	(¹)	(¹)
	Phosphatic materials:						
287111	Super phosphate (less than 40% P ₂ O ₅).....	100% P ₂ O ₅...	...do.....	413,874	41,351	(¹)	(¹)
287114	Concentrated (40% P ₂ O ₅ and over).....	100% P ₂ O ₅...	...do.....	225,808	27,089	(¹)	(¹)
287116	Other phosphatic materials, including wet base goods, ammonium phosphates, etc.....	100% P ₂ O ₅...	...do.....	70,360	12,206	(¹)	(¹)

TABLE 7A. Materials by Kind: 1963 and 1958—Continued

Code	Material	Basis	Unit of measure for quantities	1963		1958	
				Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
				INDUSTRY 2872.—FERTILIZER, MIXING ONLY—Continued			
147401	Potassic materials:						
	Muriate of potash.....	K ₂ O 60-62%..	...do.....	1,221,305	47,966	(¹)	(¹)
147402	Other potash bearing materials.....	.....	...do.....	180,580	7,910	(¹)	(¹)
999821	Inert fillers, secondary plant food, and soil conditioners including sand, limestone, peat, nut hulls, citrus meals.....	.....	...do.....	745,993	6,632	(¹)	(¹)
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄..	...do.....	158,700	3,165	(¹)	(¹)
147501	Phosphate rock.....	.....	Long tons..	78,312	798	(¹)	(¹)
281948	Phosphoric acid.....	100% P ₂ O ₅ ..	Short tons..	75,335	10,836	(¹)	(¹)
264302	Bags, except textile (including shipping sacks, multiwall bags, and polyethylene liners).....	.....	.....	(X)	13,436	(¹)	(¹)
970099	All other materials and components, parts, containers and supplies consumed.....	.....	.....	(X)	33,658	(¹)	(¹)
976000	Materials, containers, supplies, n.s.k.....	.....	.....	(X)	773,994	(¹)	(¹)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.s.k. Not specified by kind.

¹Separate data for industries 2871 and 2872 are not available for 1958. The total cost of materials value shown for industry 2871 includes \$343,962 thousand for establishments classified in industry 2871 and \$262,451 thousand for establishments classified in industry 2872. The quantity and value figures for the specific materials consumed shown for 1958 for industry 2871 represent the combined values for industries 2871 and 2872.

²In addition, 614,535 short tons (100% P₂O₅) of normal and enriched superphosphate were consumed by producing plants.

³In addition, 68,954 short tons (100% P₂O₅) of concentrated superphosphate were consumed by producing plants.

⁴In addition, 29,742 short tons (100% P₂O₅) of other phosphatic fertilizer materials, including wet base goods, ammonium phosphates, etc., were consumed by producing plants.

⁵In addition, 4,812,570 short tons (100% H₂SO₄) of sulfuric acid, except spent, were produced and consumed by plants classified in industry 2871, Fertilizers.

⁶In addition, 1,232,677 short tons (100% P₂O₅) of phosphoric acid were produced and consumed by plants classified in industry 2871, Fertilizers.

⁷Represents (a) total cost of materials for small establishments reporting on "short forms" where separate figures for individual materials consumed were not requested and (b) total cost of materials reported for those establishments which failed to report costs of individual materials on "standard forms."

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Fertilizers, and fertilizers, mixing only (SIC 2871 and 2872)	Agricultural pesticides and chemicals, n.e.c. (SIC 2873 and 2879)
Total cost of purchased fuels and electric energy.....\$1,000..	23,052	2,298
Total cost of purchased fuels.....do....	10,923	1,053
Bituminous coal, lignite, and anthracite:		
Quantity.....1,000 short tons..	(S)	(S)
Cost.....\$1,000..	(S)	(S)
Coke and breeze:		
Quantity.....1,000 short tons..	(S)	(S)
Cost.....\$1,000..	(S)	(S)
Fuel oil (distillate and residual):		
Quantity.....1,000 barrels of 42 gallons..	1,116	87
Cost.....\$1,000..	3,522	317
Gas (natural, manufactured, still, blast furnace, and coke oven):		
Quantity.....million cu.ft..	13,211	1,665
Cost.....\$1,000..	4,936	392
Other fuels.....do....	2,150	305
Electric energy:		
Purchased:		
Quantity.....million kw.-hrs..	1,079	106
Cost.....\$1,000..	12,129	1,245
Generated less sold.....million kw.-hrs..	46	48
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total.....1,000 hp..	756	91
Prime movers, total.....do....	163	27
Driving generators.....do....	30	14
Not driving generators.....do....	133	13
Electric motors, total.....do....	623	72
Driven by purchased energy.....do....	594	64
Driven by energy generated at establishment.....do....	30	8
Aggregate horsepower per 100 production workers.....	3,144	1,784

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," MC63(1)-7, and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-6.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

n.e.c. Not elsewhere classified.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2871—	FERTILIZERS										
	Entire industry.....	281	19,992	102,294	14,842	31,899	70,812	287,800	583,608	869,213	45,476
	Establishments with—										
	90% or more specialization..	236	12,978	62,525	9,771	21,145	44,185	156,101	394,437	547,174	20,196
	75-89% specialization.....	16	2,718	15,692	1,909	3,946	9,731	53,644	82,672	137,154	8,133
28711	Superphosphate and other phosphatic fertilizers (primary product class of estab.).....	39	6,853	40,663	5,248	11,290	29,579	120,045	200,194	323,020	32,270
	Establishments with—										
	90% or more specialization....	23	2,721	16,209	2,207	4,835	12,646	54,546	89,995	144,109	11,058
	75-89% specialization.....	7	1,622	9,711	1,155	2,381	6,371	24,471	55,618	82,122	(D)
28712	Mixed fertilizers (from one or more materials produced in this plant) and fertilizer materials of organic origin (primary product class of estab.).....	242	13,139	61,631	9,594	20,609	41,233	167,755	383,414	546,193	13,206
	Establishments with—										
	90% or more specialization....	146	5,998	27,306	4,427	9,500	18,495	60,652	187,453	245,326	5,109
	75-89% specialization.....	38	2,756	12,938	2,045	4,357	8,911	26,969	81,621	108,495	2,269
2872—	FERTILIZERS, MIXING ONLY										
	Entire industry.....	733	13,752	59,390	9,343	18,714	33,673	164,140	459,172	623,070	11,987
	Establishments with—										
	90% or more specialization..	668	11,522	48,272	7,899	15,735	27,572	127,399	380,747	504,778	10,011
	75-89% specialization.....	32	876	4,471	597	1,176	2,625	18,421	32,934	54,203	851
2879—	AGRICULTURAL CHEMICALS, N.E.C.										
	Entire industry.....	340	9,090	51,465	5,280	10,633	24,415	176,333	307,032	476,661	9,055
	Establishments with—										
	90% or more specialization..	282	5,937	32,913	3,399	6,612	14,718	127,292	198,724	318,436	7,251
	75-89% specialization.....	19	700	4,043	467	932	2,467	15,084	29,660	44,236	587

Standard Notes: - Represents zero.
applicable.

n.e.c. Not elsewhere classified.

(D) Withheld to avoid disclosing figures for individual companies.

(NA) Not available.

(X) Not

MISCELLANEOUS CHEMICAL PRODUCTS

This report shows 1963 Census of Manufactures statistics for establishments classified in each of the following industries:

SIC Code and Title

2891—Glue and Gelatin

2892—Explosives

2893—Printing Ink

2895—Carbon Black

2899—Chemicals and Chemical Preparations, Not Elsewhere Classified

The general statistics (employment, payrolls, value of shipments, cost of materials, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments in the industry, but also their activities in the manufacture of secondary products and, for that matter, their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account in comparing industry statistics (tables 1 to 4) with product statistics (table 6A) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5A which shows the value of primary and secondary products shipped by establishments classified in the specified industry and also the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

2891—GLUE AND GELATIN

This industry comprises establishments primarily engaged in manufacturing (1) industrial and household adhesives, glues, sizes, and cements from vegetable, animal, purchased synthetic resins or synthetic resin and rubber combinations; and (2) edible, technical, photographic, or pharmaceutical gelatins from animal material. Establishments primarily engaged in manufacturing dessert preparations based on gelatin are classified in industry 2099; vegetable gelatin or agar-agar in industry 2833; rubber cement in industry 3069; and asbestos cement in industry 3292. For a detailed list of products of industry 2891, refer to table 6A, product codes 2891111 to 2891298.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Glue and Gelatin Industry in 1963 totaled \$352 million. This amount included shipments of glue and gelatin (primary products) valued at \$279 million, shipments of other products (secondary products) valued at \$57 million, and miscellaneous receipts at \$15 million.

This industry's shipments of glue and gelatin in 1963 represented 83 percent of its total product shipments. The industry specialization ratio in 1958 was 86 percent. Secondary products shipped by this industry in 1963 consisted mainly of thermosetting resins and plastics materials, \$6 million, and grease and inedible tallow, \$5 million.

Shipments of glue and gelatin by this industry in 1963 represented 72 percent of all shipments of these products (\$386 million) by all industries. In 1958 the coverage ratio was 70 percent. Other industries shipping glue and gelatin (primary products) consisted mainly of industry 2821, Plastics Materials and Resins, \$12 million; and industry 2851, Paints and Allied Products, \$12 million.

The production index for the primary products of the industry increased to 155 in 1963 from the 1958 level of 126. The unit value index for 1963 was 108 compared to 105 in 1958. Both indexes were computed on a basis of 1954 = 100.

2892--EXPLOSIVES

This industry comprises establishments primarily engaged in manufacturing explosives such as sporting powder, blasting powder, high explosives, nitrated carbohydrates, safety fuses, and blasting and detonating caps. Included in this industry are government-owned plants operated by private firms for the account of the Federal Government. Establishments primarily engaged in manufacturing ammunition for small arms are classified in group 196, and fireworks and pyrotechnics such as flares (all kinds) and railroad torpedoes, in industry 2899. Establishments primarily engaged in shooting wells and also engaged in manufacturing nitroglycerine are included in the census of minerals. For a detailed list of products of industry 2892, refer to table 6A, product codes 2892113 to 2892171.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

The data subsequent to 1947 shown in the tables include information for government-owned plants operated by private firms for the account of the Federal Government, but exclude information for government-owned and government-operated plants. Since the capital expenditures made by these privately operated government plants are paid for by current billings to the U.S. Government, these amounts are excluded from the statistics shown in this report which represent expenditures for privately owned facilities. The detailed product statistics appearing in table 6A represent only the amounts and type of explosives produced by privately owned and privately operated plants. On the other hand, the data for materials consumed (table 7) include figures for all plants classified in this industry.

Value of shipments and other receipts of the Explosives Industry in 1963 totaled \$283 million. This amount included shipments of explosives (primary products) valued at \$169 million, shipments of other products (secondary products) valued at \$24 million, and miscellaneous receipts, including value of explosives produced in government-owned, privately operated plants, at \$90 million.

This industry's shipments of explosives in 1963 represented 88 percent of its total product shipments. The industry specialization ratio in 1958 was 96 percent. Secondary products shipped by this industry in 1963 consisted mainly of inorganic chemicals, n.e.c., and complete missile or space vehicle engines and/or propulsion units.

Shipments of explosives by this industry in 1963 represented 94 percent of all shipments of these products (\$181 million) by all industries. In 1958 the coverage ratio was 95 percent. Other industries shipping explosives (primary products) consisted mainly of industry 2818, Organic Chemicals, N.E.C.

The production index for the primary products of the industry increased to 104 in 1963 from the 1958 level of 87. The unit value index for 1963 was 93 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2893--PRINTING INK

This industry comprises establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink. Establishments primarily engaged in manufacturing writing and stamp pad inks are classified in industry 2899, Chemical Preparations, N.E.C., and varnishes for printers' inks in industry 2851, Paints and Varnishes. For a detailed list of products of industry 2893, refer to table 6A, product codes 2893003 to 2893098.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Printing Ink Industry in 1963 totaled \$268 million. This amount included shipments of printing ink (primary products) valued at \$238 million, shipments of other products (secondary products) valued at \$18 million, and miscellaneous receipts, at \$11 million.

This industry's shipments of printing ink in 1963 represented 93 percent of its total product shipments. The industry specialization ratio in 1958 was 93 percent. Secondary products shipped by this industry in 1963 consisted mainly of miscellaneous paint products (\$9 million), and industrial product finishes, except lacquers (\$2 million).

Shipments of printing ink by this industry in 1963 represented 92 percent of all shipments of these products (\$258 million) by all industries. In 1958 the coverage ratio was 96 percent. Other industries shipping printing ink (primary products) consisted mainly of industry 2851, Paints and Allied Products, \$8 million.

The production index for the primary products of the industry increased to 135 in 1963 from the 1958 level of 112. The unit value index for 1963 was 111 compared to 111 in 1958. Both indexes were computed on a basis of 1954 = 100.

2895--CARBON BLACK

This industry comprises establishments primarily engaged in manufacturing carbon black (channel and furnace black). Product information for industry 2895 is shown in table 6A.

The code number as well as the definition of this industry was unchanged between 1958 and 1963.

Value of shipments and other receipts of the Carbon Black Industry in 1963 totaled \$149 million. Shipments of carbon black by all industries in 1963 totaled \$149 million. This industry's shipments of carbon black (primary products) in 1958 represented 100 percent (specialization ratio) of its total product shipments (primary and secondary), and 100 percent (coverage ratio) of these products shipped by all industries. The 1963 ratios, however, are withheld to avoid disclosing figures for individual companies.

The production index for the primary products of the industry increased to 140 in 1963 from the 1958 level of 113. The unit value index for 1963 was 108 compared to 106 in 1958. Both indexes were computed on a basis of 1954 = 100.

2899--CHEMICAL PREPARATIONS, NOT ELSEWHERE CLASSIFIED

This industry comprises establishments primarily engaged in the manufacture of miscellaneous chemical preparations, n.e.c., such as essential oils, fireworks, automotive chemical specialties, and evaporated salt; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, water proofing compounds

and chemical supplies for foundries; fatty acids, such as stearic, oleic, fish and marine, coconut-type fatty acids, and other unsaturated fatty acids fractionated from vegetable and animal oils and fats. For a detailed list of products of industry 2899, refer to table 6A, product codes 2899111 to 2899398.

The code number for this industry in the Standard Industrial Classification Manual is unchanged, but the content of the industry has been slightly changed from the classification system used in 1958. The composition of the industry as now constituted, compared with that under the classification system followed in the 1958 census, is due principally to a change in definition of industry 2899 to include fatty acids and the subsequent reclassification of establishments formerly included in the old industry 2894, fatty acids, to industry 2899.

Value of shipments and other receipts of the Chemical Preparations, N.E.C., Industry in 1963 totaled \$932 million. This amount included shipments of chemical preparations, n.e.c., (primary products) valued at \$707 million, shipments of other products (secondary products) valued at \$159 million, and miscellaneous receipts (mainly resales) at \$65 million.

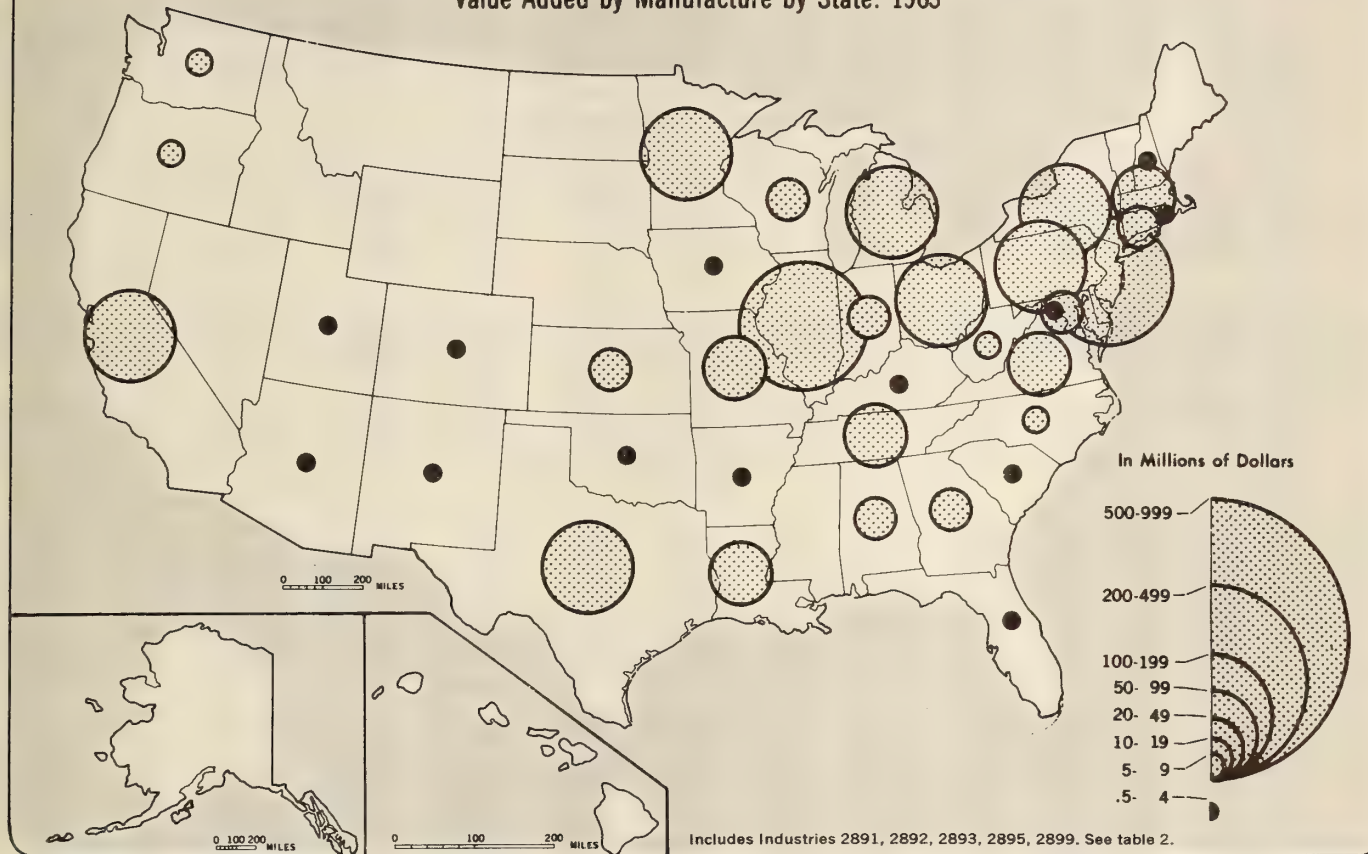
This industry's shipments of chemical preparations, n.e.c., in 1963 represented 82 percent of its total product shipments. The industry specialization ratio in 1958 was 86 percent. Secondary products shipped by this industry in 1963 consisted mainly of organic chemicals, n.e.c., (\$26 million) and surface active and finishing agents (\$10 million).

Shipments of chemical preparations, n.e.c., by this industry in 1963 represented 71 percent of all shipments of these products (\$999 million) by all industries. In 1958 the coverage ratio was 76 percent. Other industries shipping chemical preparations, n.e.c., (primary products) consisted mainly of industry 2818, Organic Chemicals, N.E.C., over \$70 million; and industry 2821, Plastics Materials and Resins, \$22 million.

The production index for the primary products of the industry is not available except for selected groups of products as shown in table 6B. Corresponding unit value indexes are shown for the same groups of products. Indexes were computed on a basis of 1954 = 100.

MISCELLANEOUS CHEMICAL PRODUCTS: SIC 289

Value Added by Manufacture by State: 1963



U.S. DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

TABLE 1. General Statistics: 1963 and Earlier Years

Year	Com- panies (number)	Establishments		All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expend- itures, new (\$1,000)	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total (number)	With 20 employ- ees or more (number)	Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)						
INDUSTRY 2891.—GLUE AND GELATIN														
1963.....	294	368	104	8,521	54,869	5,426	11,245	28,620	147,006	203,918	351,680	9,778	83	72
1962 ¹	(NA)	(NA)	(NA)	6,920	42,558	4,674	9,167	23,007	106,098	159,024	266,305	(7,926)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	7,160	43,854	4,967	9,995	24,578	108,339	161,743	269,130	(9,401)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	7,544	44,812	5,035	10,324	24,680	111,174	162,957	271,531	7,040	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	7,862	44,258	5,207	10,736	24,795	111,090	158,855	269,338	7,965	(NA)	(NA)
1958 (new SIC).....	234	274	93	7,890	42,146	5,166	10,563	23,878	106,383	139,251	245,205	8,077	86	70
1958 (old SIC) ²	(NA)	242	78	6,853	36,500	4,521	9,270	21,240	85,048	109,866	194,706	6,476	88	72
1957 ¹	(NA)	(NA)	(NA)	7,280	34,734	5,012	10,017	20,999	79,564	88,072	167,636	5,349	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	6,895	32,119	4,922	9,651	19,369	78,386	85,787	160,299	4,202	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	6,632	29,988	4,767	9,875	18,486	71,354	75,686	145,691	2,848	(NA)	(NA)
1954.....	203	230	69	6,753	29,192	4,814	9,425	17,683	67,799	83,508	150,345	2,945	87	67
1947.....	(NA)	174	(NA)	7,936	25,453	5,962	9,487	16,502	66,290	80,078	145,157	3,249	82	76
INDUSTRY 2892.—EXPLOSIVES														
1963 ³	41	68	47	14,814	91,613	10,919	20,881	60,114	165,733	116,445	283,298	5,500	88	94
1962 ¹	(NA)	(NA)	(NA)	13,996	85,022	10,776	20,762	57,508	148,697	120,532	270,515	5,901	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	12,444	74,465	9,595	18,258	49,915	123,217	109,575	233,229	6,409	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	12,502	73,216	9,508	18,233	48,817	132,028	100,112	232,683	5,954	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	13,685	76,373	10,278	19,275	50,237	141,379	103,488	245,079	5,572	(NA)	(NA)
1958 ³	45	77	58	14,971	79,597	10,648	19,992	50,876	131,646	95,397	228,614	9,350	96	95
1957 ¹	(NA)	(NA)	(NA)	21,478	111,167	15,763	31,142	76,385	184,641	137,948	319,756	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	27,028	129,888	20,352	40,388	92,871	229,978	185,825	412,940	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	29,124	134,747	22,905	44,526	97,678	242,567	190,837	432,784	(S)	(NA)	(NA)
1954 ³	40	74	55	32,478	146,843	25,544	51,696	109,986	221,272	188,966	395,276	17,279	98	91
1947.....	35	76	50	10,426	32,313	8,932	18,121	26,051	74,706	61,650	136,356	6,050	87	99
1939.....	(NA)	80	(NA)	8,315	13,721	7,242	(NA)	10,964	44,193	26,860	71,053	(NA)	(NA)	(NA)
1937.....	(NA)	85	(NA)	(NA)	(NA)	7,240	(NA)	10,926	39,746	27,597	67,343	(NA)	(NA)	(NA)
INDUSTRY 2893.—PRINTING INK														
1963.....	216	348	103	8,455	55,943	5,628	11,785	32,440	125,138	143,559	268,012	4,632	93	92
1962 ¹	(NA)	(NA)	(NA)	8,449	57,638	5,650	12,124	33,164	123,157	143,245	265,743	(4,190)	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	8,027	52,650	5,499	11,843	31,454	117,523	137,423	252,484	(3,378)	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	8,271	51,745	5,622	12,120	30,641	108,255	136,412	245,499	(4,268)	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	8,052	46,986	5,527	11,732	28,812	110,149	131,532	239,947	3,416	(NA)	(NA)
1958.....	193	302	94	7,960	45,069	5,385	11,182	25,956	108,803	119,054	228,141	4,817	93	97
1957 ¹	(NA)	(NA)	(NA)	8,504	45,031	6,007	12,141	25,839	102,159	128,363	228,693	(S)	(NA)	(NA)
1956 ¹	(NA)	(NA)	(NA)	8,406	42,029	5,927	12,134	25,037	93,140	125,118	218,699	(S)	(NA)	(NA)
1955 ¹	(NA)	(NA)	(NA)	7,960	37,878	5,668	11,745	23,331	90,947	111,241	198,703	(S)	(NA)	(NA)
1954.....	188	271	87	7,609	35,713	5,268	10,699	20,746	88,343	95,549	183,552	6,336	90	95
1953 ¹	(NA)	(NA)	(NA)	8,238	39,468	5,601	(NA)	22,374	89,933	88,721	178,654	(NA)	(NA)	(NA)
1952 ¹	(NA)	(NA)	(NA)	8,078	39,108	5,326	(NA)	21,491	86,893	90,024	176,917	(NA)	(NA)	(NA)
1951 ¹	(NA)	(NA)	(NA)	7,776	35,521	5,141	(NA)	19,011	76,459	84,337	160,796	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	6,868	28,475	4,673	(NA)	16,466	70,215	73,349	143,564	(NA)	(NA)	(NA)
1949 ¹	(NA)	(NA)	(NA)	6,113	23,364	4,228	(NA)	13,319	63,033	66,929	129,962	(NA)	(NA)	(NA)
1947.....	151	239	(NA)	6,021	20,496	4,154	9,005	11,890	51,949	63,759	115,708	(NA)	92	98
1939 ⁴	(NA)	197	(NA)	(NA)	(NA)	2,480	(NA)	3,564	23,288	23,955	47,243	(NA)	(NA)	(NA)
1937.....	(NA)	184	(NA)	3,927	7,268	2,793	(NA)	4,085	22,243	25,104	47,347	(NA)	(NA)	(NA)
1935.....	(NA)	191	(NA)	3,346	6,124	2,370	(NA)	3,234	15,933	18,602	34,535	(NA)	(NA)	(NA)
1933.....	(NA)	160	(NA)	2,719	4,094	2,094	(NA)	2,663	13,562	12,604	26,166	(NA)	(NA)	(NA)
1929.....	(NA)	147	(NA)	3,561	8,269	2,448	(NA)	3,957	23,545	19,205	42,750	(NA)	(NA)	(NA)
1921.....	(NA)	97	(NA)	2,471	4,762	1,676	(NA)	2,470	10,225	10,644	20,869	(NA)	(NA)	(NA)
1919.....	(NA)	90	(NA)	3,011	5,392	1,988	(NA)	2,575	11,583	14,661	26,244	(NA)	(NA)	(NA)
1914.....	(NA)	70	(NA)	2,253	2,920	1,391	(NA)	1,064	7,024	6,806	13,830	(NA)	(NA)	(NA)
1909.....	(NA)	71	(NA)	1,816	1,865	1,121	(NA)	772	4,691	4,175	8,866	(NA)	(NA)	(NA)
1899.....	(NA)	60	(NA)	756	643	503	(NA)	298	1,544	1,536	3,080	(NA)	(NA)	(NA)
INDUSTRY 2895.—CARBON BLACK														
1963.....	8	33	31	3,010	20,669	2,287	4,913	14,915	91,752	55,544	149,122	3,972	(D)	(D)
1962 ¹	(NA)	(NA)	(NA)	3,005	20,541	2,447	5,246	15,810	92,519	54,554	148,184	9,630	(NA)	(NA)
1961 ¹	(NA)	(NA)	(NA)	3,101	20,720	2,572	5,638	16,291	88,168	55,513	144,672	10,228	(NA)	(NA)
1960 ¹	(NA)	(NA)	(NA)	3,165	20,641	2,652	5,986	16,918	84,734	68,443	150,268	10,264	(NA)	(NA)
1959 ¹	(NA)	(NA)	(NA)	3,102	19,713	2,602	5,758	15,881	81,005	59,968	144,339	6,059	(NA)	(NA)
1958.....	8	36	32	3,162	18,606	2,629	5,650	14,747	72,641	46,883	119,271	4,612	102	100
1954.....	12	47	37	3,410	16,466	2,801	6,112	13,029	60,321	39,460	101,902	10,597	100	98
1953 ¹	(NA)	(NA)	(NA)	3,643	15,987	2,905	6,447	12,862	61,045	44,707	105,752	(NA)	(NA)	(NA)
1950 ¹	(NA)	(NA)	(NA)	3,542	14,155	3,054	7,007	12,239	59,492	40,702	99,702	(NA)	(NA)	(NA)
1947.....	13	59	(NA)	3,184	10,017	2,834	6,073	8,456	44,962	28,345	73,592	(NA)	100	97
1939.....	(NA)	53	(NA)	1,909	2,718	1,574	(NA)	2,001	8,523	6,104	14,627	(NA)	(NA)	(NA)
1937.....	(NA)	62	(NA)	2,396	3,264	2,190	(NA)	2,712	11,618	7,236	18,854	(NA)	(NA)	(NA)
1935.....	(NA)	55	(NA)	2,038	2,428	1,828	(NA)	1,937	9,477	5,334	14,811	(NA)	(NA)	(NA)
1933.....	(NA)	48	(NA)	1,570	1,477	1,449	(NA)	1,206	4,497	4,010	8,507	(NA)	(NA)	(NA)

See footnotes at end of table.

TABLE 1. General Statistics: 1963 and Earlier Years—Continued

Year	Com- panies	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expend- itures, new	Spe- cial- ization ratio (per- cent)	Cov- erage ratio (per- cent)
		Total	With 20 employ- ees or more (number)	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(per- cent)	(per- cent)
	INDUSTRY 2899.—CHEMICAL PREPARATIONS, N.E.C.													
1963.....	1,312	1,384	242	25,788	162,926	15,675	33,012	81,139	505,868	435,651	931,691	22,060	82	71
1962 ¹ 2.....	(NA)	(NA)	(NA)	24,267	148,530	14,625	30,878	72,128	490,772	408,281	895,625	37,015	(NA)	(NA)
1961 ¹ 2.....	(NA)	(NA)	(NA)	23,996	145,852	14,437	29,979	70,160	445,140	381,644	827,053	42,041	(NA)	(NA)
1960 ¹ 2.....	(NA)	(NA)	(NA)	23,562	139,376	14,441	28,767	68,407	429,378	361,663	787,579	22,575	(NA)	(NA)
1959 ¹ 2.....	(NA)	(NA)	(NA)	25,366	145,615	16,052	31,540	73,426	412,134	393,206	801,956	19,798	(NA)	(NA)
1958.....	1,242	1,294	225	25,134	133,849	16,025	31,323	70,278	365,763	358,455	726,245	26,145	86	76

NOTE: See Introduction for an explanation of terms used. The following variations in definition of terms should be considered in the use of this table: All employees: For 1949-1954 figures represent the average of all employees for the payroll period ended nearest the 15th of March, May, August, and November; for 1947 an average of 12 monthly figures for all employees; and for 1939 and prior years the average number of production workers based on 12 monthly figures plus the number of nonproduction workers for one payroll period (usually in October). Production workers: For 1947 and prior years figures represent an average of 12 monthly figures. Value added: Value added prior to 1954 is unadjusted value added which is equal to value of products (excluding resales of finished products) less cost of materials, supplies, fuel, electric energy, and contract work; no adjustment is made for changes in inventories of finished products and work-in-process during the year. Cost of materials: Cost of materials prior to 1954 excludes cost of products bought for resale without further manufacture, processing or assembly. In addition, figures prior to 1935 exclude cost of contract work. Value of shipments: Value of shipments for years prior to 1954 excludes value of products bought for resale without further manufacture, processing or assembly. For 1939 and prior years, except 1929, the figures represent value of production rather than shipments.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

n.e.c. Not elsewhere classified.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period. The figures shown in parentheses either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data.

²A revision in the definition of this industry was introduced in the 1957 Standard Industrial Classification so that the industry is not comparable. The 1957 and earlier figures are on the old SIC definition of the industry.

³Includes data for establishments which are owned by the Government but privately operated.

⁴The figures for 1939 are not entirely comparable with those for earlier years. For "Printing ink," value added by manufacture for 1939 on a basis comparable with earlier years was \$24 million.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	(number)	(\$1,000)
INDUSTRY 2891.—GLUE AND GELATIN													
Total.....	368	104	8,521	54,869	5,426	11,245	28,620	147,006	203,918	351,680	9,778	7,890	106,383
Northeast.....	136	44	4,106	26,839	2,651	5,422	14,554	59,248	80,060	141,686	3,014	4,030	49,025
Massachusetts.....	36	15	1,689	11,622	1,131	2,236	7,089	25,378	27,062	54,652	1,428	1,655	20,361
New Jersey.....	31	11	1,040	6,118	699	1,441	3,540	13,908	29,178	43,362	499	716	10,059
Pennsylvania.....	22	6	396	2,907	203	418	1,011	6,648	7,561	13,909	371	(²)	(²)
East North Central.....	98	30	2,255	13,913	1,492	3,161	7,470	39,306	50,240	88,751	2,083	(²)	(²)
Illinois.....	41	13	1,019	6,415	671	1,395	3,403	16,941	21,594	38,343	1,023	1,033	12,437
Michigan.....	12	4	333	2,149	188	407	970	6,504	9,645	15,723	(D)	(²)	(²)
Wisconsin.....	13	3	378	2,418	307	701	1,725	8,832	9,427	18,179	275	393	6,011
West.....	55	11	722	5,041	365	736	1,976	14,697	21,898	36,328	1,949	746	12,540
Oregon.....	9	3	139	1,174	75	154	482	5,588	10,313	15,779	(D)	910	4,329
California.....	38	7	528	3,481	259	520	1,330	8,409	10,420	18,788	398	457	6,072
All other divisions.....	79	19	1,438	9,076	918	1,926	4,620	33,755	51,720	84,915	2,732	(²)	(²)
Maryland.....	5	2	263	1,391	180	415	788	3,276	3,240	6,494	111	(²)	(²)
North Carolina.....	6	1	117	557	75	127	285	1,621	3,841	5,455	(D)	(²)	(²)
Georgia.....	11	5	449	2,857	305	642	1,527	14,727	23,038	37,444	654	434	11,672
Texas.....	17	3	176	1,314	103	208	592	2,961	3,413	6,053	(D)	(²)	(²)
INDUSTRY 2892.—EXPLOSIVES													
Total.....	68	47	14,814	91,613	10,919	20,881	60,114	165,733	116,445	283,298	5,500	14,971	131,646
Northeast.....	18	12	4,918	30,547	3,437	6,421	18,684	59,386	27,505	87,303	2,160	4,266	42,145
Pennsylvania.....	12	7	1,947	10,498	1,481	2,718	7,003	23,140	12,180	35,453	443	2,033	18,419
East North Central.....	13	12	2,290	13,338	1,705	3,422	8,909	31,307	20,011	51,717	1,040	(²)	(²)
Illinois.....	7	6	1,369	8,368	960	2,000	5,303	18,736	11,781	30,970	332	1,760	14,628
West North Central.....	5	4	807	5,226	675	1,264	3,948	14,452	10,352	24,692	515	(²)	(²)
South.....	17	10	5,818	36,383	4,377	8,389	24,538	50,068	46,494	96,478	489	4,436	33,232
Mountain.....	5	4	454	2,972	349	680	2,085	4,481	6,893	11,373	376	719	7,423
Pacific.....	10	5	527	3,147	376	702	1,950	6,039	5,190	11,735	920	596	6,616
INDUSTRY 2893.—PRINTING INK													
Total.....	348	103	8,455	55,943	5,628	11,785	32,440	125,138	143,559	268,012	4,632	7,960	108,803
New England.....	18	2	170	1,084	121	267	643	2,143	2,988	5,125	38	171	2,277
Middle Atlantic.....	101	36	3,268	22,771	2,158	4,600	12,973	45,038	53,170	97,440	1,832	3,294	44,540
New York.....	42	10	847	5,873	531	1,092	3,110	9,557	7,645	17,146	270	1,048	9,817
New Jersey.....	38	17	1,731	12,308	1,162	2,538	7,174	27,440	34,414	61,568	1,290	1,602	26,833
Pennsylvania.....	21	9	690	4,590	465	970	2,689	8,041	11,111	18,726	272	644	7,890
East North Central.....	86	39	2,993	18,912	2,022	4,128	11,120	45,590	54,861	100,324	1,707	2,782	39,295
Ohio.....	22	11	714	4,276	472	966	2,484	10,289	10,252	20,590	408	653	8,388
Illinois.....	46	21	1,936	12,509	1,327	2,694	7,410	29,953	37,956	67,753	1,145	(²)	(²)
Michigan.....	9	3	181	1,058	123	256	668	2,960	2,927	5,887	(D)	227	2,644
West North Central.....	23	7	354	2,315	221	458	1,211	4,646	4,818	9,482	262	311	3,731
Missouri.....	16	4	226	1,459	141	296	743	2,767	3,267	6,049	197	221	2,369
South Atlantic.....	38	5	457	2,894	281	587	1,459	7,125	7,353	14,500	259	317	3,413
Georgia.....	12	1	137	822	87	179	426	2,003	2,605	4,579	52	(²)	(²)
East South Central.....	10	1	95	593	62	129	310	1,879	2,225	4,055	57	68	706
West South Central.....	20	1	173	1,011	108	231	555	2,836	3,557	6,412	85	175	2,768
Texas.....	12	1	120	718	71	155	380	2,057	2,378	4,456	80	103	1,887
Mountain.....	4	-	30	178	18	36	93	431	458	879	25	(²)	(²)
Pacific.....	48	12	915	6,185	637	1,349	4,076	15,450	14,129	29,795	367	(²)	(²)
California.....	42	11	843	5,734	592	1,251	3,801	14,461	13,090	27,768	274	760	11,302
INDUSTRY 2895.—CARBON BLACK													
Total.....	33	31	3,010	20,669	2,287	4,913	14,915	91,752	55,544	149,122	3,972	3,162	72,641
Louisiana.....	7	7	843	5,317	704	1,562	4,234	26,637	14,344	41,068	1,109	919	21,275
Texas.....	17	16	1,738	12,517	1,247	2,651	8,541	52,026	33,780	87,440	2,360	1,755	38,413
All other states.....	9	8	429	2,835	336	700	2,140	13,089	7,420	20,614	503	488	12,953

See footnotes at end of table.

TABLE 2. General Statistics, by Geographic Areas: 1963 and 1958—Continued

Geographic area ¹	1963											1958	
	Establishments		All employees		Production workers			Value added by manufacture, adjusted	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture, adjusted
	Total	With 20 employees or more	Total	Payroll	Total	Man-hours	Wages						
	(number)	(number)	(number)	(\$1,000)	(number)	(1,000)	(\$1,000)						
	INDUSTRY 2899.—CHEMICAL PREPARATIONS, N.E.C.												
Total.....	1,384	242	25,788	162,926	15,675	33,012	81,139	505,868	435,651	931,691	22,060	25,134	365,763
New England.....	98	11	860	5,352	415	860	1,873	12,354	13,210	25,512	643	(D)	(D)
Massachusetts.....	45	3	302	1,824	143	301	659	4,699	4,957	9,640	250	564	5,126
Connecticut.....	29	5	383	2,634	153	316	712	5,870	6,227	12,057	310	(²)	(²)
Middle Atlantic....	383	75	6,801	42,611	4,187	9,159	21,358	120,583	113,652	231,878	5,455	(D)	(D)
New York.....	165	23	2,375	14,520	1,500	2,980	7,539	44,321	44,187	87,564	1,976	3,360	47,788
New Jersey.....	113	27	2,332	14,999	1,492	3,766	8,371	46,025	42,372	86,900	1,754	(D)	(D)
Pennsylvania.....	105	25	2,094	13,092	1,195	2,413	5,448	30,237	27,093	57,414	1,725	(D)	(D)
East North Central.	352	74	8,815	59,476	5,377	11,235	29,709	196,257	175,580	369,019	7,854	(D)	(D)
Ohio.....	110	29	3,406	22,247	2,157	4,470	12,179	68,998	60,071	127,884	2,966	(D)	(D)
Indiana.....	27	3	471	2,713	317	608	1,680	15,392	13,970	29,051	108	(D)	(D)
Illinois.....	122	19	2,642	19,754	1,409	2,892	7,769	58,243	52,150	109,649	3,433	(D)	(D)
Michigan.....	72	20	2,019	13,094	1,310	2,890	7,069	50,307	44,867	94,634	1,212	(D)	(D)
Wisconsin.....	21	3	277	1,668	184	375	1,012	3,317	4,522	7,801	135	(D)	(D)
West North Central.	73	14	2,772	18,804	1,648	3,344	9,323	74,702	44,224	116,794	3,049	(D)	(D)
Missouri.....	26	6	671	4,689	233	423	1,144	14,866	10,795	25,340	587	608	10,895
Kansas.....	12	6	658	3,310	497	1,078	2,285	11,491	5,076	16,480	261	(²)	(²)
South and West....	478	68	6,540	36,683	4,048	8,414	18,876	101,972	88,985	188,488	5,059	5,293	70,470
Maryland.....	24	5	552	3,018	362	707	1,733	8,005	7,116	14,799	513	(²)	(²)
North Carolina....	16	1	520	2,642	311	644	964	6,489	4,923	11,273	197	253	3,701
Tennessee.....	13	4	590	2,539	452	1,044	1,891	9,104	11,942	20,938	636	(²)	(²)
Mississippi.....	7	2	170	913	105	224	486	198	3,726	3,810	45	(²)	(²)
Louisiana.....	16	1	159	767	118	275	508	1,364	1,620	2,981	178	(²)	(²)
Texas.....	91	15	1,230	6,957	764	1,618	3,513	21,445	17,037	37,771	1,044	963	12,628
California.....	161	28	2,288	14,447	1,286	2,590	6,944	41,295	29,190	69,366	1,676	(²)	(²)

(D) Withheld to avoid disclosing figures for individual companies. n.e.c. Not elsewhere classified.

¹General statistics for some producing States have been withheld to avoid disclosing figures for individual companies. Such States are shown below with the number of establishments in each State and, in parenthesis, the number of employees or the employment-size range for that State. SIC 2891, Glue and Gelatin: Northeast—New Hampshire, 1 (1-19); Vermont, 1 (1-19); Rhode Island, 2 (20-99); Connecticut, 5 (145); Middle Atlantic—New York, 38 (500-999); East North Central—Ohio, 25 (250-499); Indiana, 7 (100-249); West North Central—Minnesota, 4 (20-99); Iowa, 3 (1-19); Missouri, 8 (100-249); Kansas, 2 (20-99); South Atlantic—Virginia, 4 (100-249); South Carolina, 1 (1-19); Florida, 5 (1-19); East South Central—Kentucky, 1 (1-19); Tennessee, 2 (20-99); Alabama, 3 (20-99); West South Central—Arkansas, 1 (1-19); Louisiana, 5 (1-19); Oklahoma, 1 (1-19); Mountain—Colorado, 1 (1-19); Pacific—Washington, 5 (20-99); Hawaii, 2 (1-19).

SIC 2892, Explosives: New England—Massachusetts, 1 (100-249); Connecticut, 1 (250-499); Middle Atlantic—New York, 2 (500-999); New Jersey, 2 (1000-2499); East North Central—Ohio, 2 (250-499); Indiana, 2 (250-499); Wisconsin, 2 (250-499); West North Central—Minnesota, 2 (20-99); Missouri, 2 (500-999); Kansas, 1 (100-249); South Atlantic—Virginia, 3 (3,711); West Virginia, 2 (250-499); Georgia, 1 (1-19); East South Central—Tennessee, 3 (1,160); Alabama, 3 (380); West South Central—Oklahoma, 2 (1-19); Texas, 3 (100-249); Mountain—Colorado, 2 (100-249); Arizona, 1 (100-249); Utah, 2 (20-99); Pacific—Washington, 3 (274); Oregon, 1 (1-19); California 6 (100-249).

SIC 2893, Printing Ink: New England—Vermont, 1 (1-19); Massachusetts, 14 (100-249); Connecticut, 3 (20-99); East North Central—Indiana, 3 (20-99); Wisconsin, 6 (20-99); West North Central—Minnesota, 6 (100-249); Iowa, 1 (1-19); South Atlantic—Maryland, 4 (20-99); District of Columbia, 1 (20-99); Virginia, 3 (20-99); North Carolina, 7 (20-99); Florida, 11 (20-99); East South Central—Kentucky, 3 (20-99); Tennessee, 4 (20-99); Alabama, 2 (1-19); Mississippi, 1 (1-19); West South Central—Arkansas, 1 (1-19); Louisiana, 7 (20-99); Mountain—Colorado, 2 (20-99); Arizona, 2 (1-19); Pacific—Washington, 3 (20-99); Oregon, 3 (20-99).

SIC 2895, Carbon Black: West North Central—Kansas, 2 (100-249); West South Central—Arkansas, 1 (20-99); Oklahoma, 1 (20-99); Mountain—New Mexico, 3 (109); Pacific—California, 2 (20-99).

SIC 2899, Chemical Preparations, n.e.c.: Northeast—Maine, 6 (20-99); New Hampshire, 5 (20-99); Vermont, 1 (1-19); Rhode Island, 12 (100-249); West North Central—Minnesota, 18 (1,355); Iowa, 10 (20-99); North Dakota, 1 (20-99); South Dakota, 2 (1-19); Nebraska, 4 (1-19); South Atlantic—District of Columbia, 3 (1-19); Virginia, 8 (20-99); West Virginia, 2 (20-99); South Carolina, 6 (100-249); Georgia, 21 (250-499); Florida, 29 (20-99); East South Central—Kentucky, 1 (1-19); Alabama, 6 (20-99); West South Central—Arkansas, 3 (1-19); Oklahoma, 18 (106); Mountain—Montana, 2 (1-19); Idaho, 1 (1-19); Colorado, 12 (20-99); New Mexico, 4 (20-99); Arizona, 5 (20-99); Utah, 5 (100-249); Nevada, 1 (1-19); Pacific—Washington, 13 (20-99); Oregon, 9 (20-99); Hawaii, 1 (1-19).

²This State or division was not shown as a separate line in table 2 in the 1958 report for this industry. A footnote to table 2 in the 1958 report showed the number of establishments and total employment (either actual or in size ranges) for such States.

TABLE 3. Detailed Statistics: 1963

Item	Glue and gelati (SIC 2891)	Explosives (SIC 2892)	Printing ink (SIC 2893)	Carbon black (SIC 2895)	Chemical preparations, n.e.c. (SIC 2899)
Primary product specialization ratio ¹.....	.83	.88	.93	(D)	.82
Coverage ratio ².....	.72	.94	92	(D)	.71
Establishments, total.....number..	368	68	348	33	1,387
With 1 to 19 employees.....do....	264	21	245	2	1,142
With 20 to 99 employees.....do....	83	16	86	21	191
With 100 employees or more.....do....	21	31	17	10	51
Proprietors and working partners.....do....	71	11	69	-	423
All employees (average for the year).....do....	8,521	14,814	8,455	3,010	25,788
Payroll (all employees), total for year.....\$1,000..	54,869	91,613	55,943	20,669	162,926
Production workers:					
Average for the year.....number..	5,426	10,919	5,628	2,287	15,675
March.....do....	5,260	11,081	5,619	2,303	15,198
May.....do....	5,530	11,074	5,629	2,339	15,674
August.....do....	5,382	11,120	5,645	2,358	15,942
November.....do....	5,563	10,392	5,652	2,155	15,917
Man-hours.....1,000..	11,245	20,881	11,785	4,913	33,012
January-March.....do....	2,713	5,273	2,889	1,212	7,885
April-June.....do....	2,877	5,423	3,014	1,284	8,169
July-September.....do....	2,743	5,131	2,935	1,233	8,743
October-December.....do....	2,912	5,062	2,947	1,184	8,215
Wages.....\$1,000..	28,620	60,114	32,440	14,915	81,139
Cost of materials, etc., total.....do....	203,918	116,445	143,559	55,544	435,651
Materials, parts, containers, and supplies consumed.....do....	187,677	100,656	134,797	49,276	383,003
Cost of resales.....do....	10,118	9,664	6,359	387	35,534
Fuels consumed.....do....	4,148	3,813	722	3,118	10,381
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	120	187	89	300	395
Cost.....\$1,000..	1,808	2,110	1,540	2,763	4,595
Generated less sold.....million kw.-hrs..	30	(D)	(D)	(D)	110
Contract work.....\$1,000..	167	202	141	-	2,138
Value of shipments (including resales), total.....do....	351,680	283,298	268,012	149,122	931,691
Value of resales.....do....	12,796	11,719	(D)	(D)	45,991
Value added by manufacture, adjusted.....do....	147,006	165,733	125,138	91,752	505,868
Manufacturers' inventories:					
Beginning of year, total.....do....	47,142	28,536	32,022	16,996	107,823
Finished products.....do....	22,519	10,689	12,344	13,041	48,458
Work-in-process.....do....	5,235	4,155	1,539	-	13,661
Materials, supplies, fuel, etc.....do....	19,388	13,692	18,139	3,955	45,704
End of year, total.....do....	47,014	27,224	31,071	15,045	117,689
Finished products.....do....	21,536	10,209	13,093	11,215	54,399
Work-in-process.....do....	5,462	3,515	1,475	-	17,548
Materials, supplies, fuel, etc.....do....	20,016	13,500	16,503	3,830	45,742
Expenditures for plant and equipment, total.....do....	10,678	5,883	4,780	3,992	22,709
New, total.....do....	9,778	5,500	4,632	3,972	22,060
New structures and additions to plant.....do....	2,676	1,305	1,397	640	4,987
New machinery and equipment.....do....	7,102	4,195	3,235	3,332	17,073
Used plant and equipment.....do....	900	385	148	20	649
Selected operating ratios:					
Payroll/Total employment.....do....	6,439	6,184	6,617	6,867	6,318
Production workers/Total employment.....do....	.64	.74	.67	.76	.61
Man-hours/Production workers.....do....	2,054	1,912	2,094	2,148	2,106
Production worker wages/Man-hours.....do....	2.57	2.88	2.75	3.04	2.46
Cost of materials and payrolls/Total value of shipments.....do....	.74	.73	.74	.51	.64
Cost of materials/Total value of shipments.....do....	.58	.41	.54	.37	.47
Adjusted value added/Total employment.....do....	17,252	11,188	14,800	30,482	19,616
Salaries and wages/Adjusted value added.....do....	.37	.55	.45	.23	.32

Note: Detailed figures may not add to totals because of independent rounding or independent dropping of fractions of thousands rather than rounding in computer operations. See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

¹The proportion of product shipments (both primary and secondary) of the industry represented by primary products.

²The proportion of primary products shipped by the establishments classified in the industry to total shipments of such products by all manufacturing establishments.

TABLE 4. Selected Statistics, by Employment Size of Establishments: 1963

Item	Establishments, total	Establishments with an average of—									
		1 to 4 employees	5 to 9 employees	10 to 19 employees	20 to 49 employees	50 to 99 employees	100 to 249 employees	250 to 499 employees	500 to 999 employees	1,000 to 2,499 employees	2,500 employees and over
INDUSTRY 2891.—GLUE AND GELATIN											
Establishments.....number..	368	138	72	54	62	21	16	5	-	-	-
All employees:											
Total.....do....	8,521	224	481	738	1,952	1,353	2,276	1,497	-	-	-
Payroll.....\$1,000..	54,869	1,565	3,137	5,039	13,096	8,783	13,364	9,885	-	-	-
Value added, adjusted.....do....	147,006	4,553	8,220	13,158	37,030	26,107	32,745	25,193	-	-	-
Value of shipments.....do....	351,680	11,053	23,867	32,791	89,861	55,480	86,855	51,773	-	-	-
Capital expenditures, new ¹ .do....	9,778	605	441	564	2,517	2,786	1,444	1,421	-	-	-
INDUSTRY 2892.—EXPLOSIVES											
Establishments.....number..	68	12	4	5	7	9	18	6	3	3	1
All employees:											
Total.....do....	14,814	136	(D)	(D)	220	563	3,075	1,875	1,781	7,164	(D)
Payroll.....\$1,000..	91,613	699	(D)	(D)	1,355	3,013	18,590	12,407	11,433	44,116	(D)
Value added, adjusted.....do....	165,733	2,320	(D)	(D)	2,479	8,081	39,947	32,110	25,599	55,197	(D)
Value of shipments.....do....	283,298	3,604	(D)	(D)	6,011	16,569	69,887	52,919	33,103	101,205	(D)
Capital expenditures, new ¹ .do....	5,500	124	(D)	(D)	34	1,310	1,168	964	616	1,284	(D)
INDUSTRY 2893.—PRINTING INK											
Establishments.....number..	348	97	67	81	66	20	13	4	-	-	-
All employees:											
Total.....do....	8,455	193	451	1,116	2,051	1,444	3,200	(D)	-	-	-
Payroll.....\$1,000..	55,943	1,205	2,900	7,431	13,710	10,230	20,467	(D)	-	-	-
Value added, adjusted.....do....	125,138	3,136	6,767	17,457	30,376	20,036	47,366	(D)	-	-	-
Value of shipments.....do....	268,012	6,889	14,658	37,758	62,587	39,011	107,109	(D)	-	-	-
Capital expenditures, new ¹ .do....	4,632	491	405	532	1,224	646	1,334	(D)	-	-	-
INDUSTRY 2895.—CARBON BLACK											
Establishments.....number..	33	-	1	1	6	15	9	1	-	-	-
All employees:											
Total.....do....	3,010	-	245	(D)	(D)	1,136	1,629	(D)	-	-	-
Payroll.....\$1,000..	20,669	-	1,750	(D)	(D)	7,296	11,623	(D)	-	-	-
Value added, adjusted.....do....	91,752	-	8,159	(D)	(D)	40,053	43,540	(D)	-	-	-
Value of shipments.....do....	149,122	-	12,751	(D)	(D)	65,975	70,396	(D)	-	-	-
Capital expenditures, new ¹ .do....	3,972	-	49	-	(D)	1,864	2,059	(D)	-	-	-
INDUSTRY 2899.—CHEMICAL PREPARATIONS, N.E.C.											
Establishments.....number..	1,384	698	251	193	137	54	37	10	3	1	-
All employees:											
Total.....do....	25,788	1,319	1,670	2,588	4,308	3,810	5,756	3,191	3,146	(D)	-
Payroll.....\$1,000..	162,926	6,198	9,185	14,799	27,407	22,964	35,010	21,893	25,470	(D)	-
Value added, adjusted.....do....	505,868	17,958	29,491	40,701	95,237	70,988	108,693	59,377	83,423	(D)	-
Value of shipments.....do....	931,691	33,861	54,868	85,249	181,031	126,909	203,083	95,218	151,472	(D)	-
Capital expenditures, new ¹ .do....	22,060	1,642	1,319	1,782	2,711	2,045	6,066	2,374	4,121	(D)	-

- Represents zero. (D) Withheld to avoid disclosure. Data for this item are included in the underscored figures at the left.

n.e.c. Not elsewhere classified.

¹Includes capital expenditures for plants under construction but not in operation which constitute a small proportion of the total for the size class.

TABLE 5A. **Industry-Product Analysis—Industry and Primary Product Shipments; Specialization Ratios and Coverage Ratios: 1963 and 1958**

An establishment is assigned to an industry based on the shipment values of products representing the largest amount considered as primary to an industry. Frequently the establishment shipments comprise mixtures of products assigned to an industry (primary products), those considered primary to other industries (secondary products of a given industry) and receipts for activities such

as merchandising or contract work. This product pattern for an industry is shown in columns A through D and the primary product specialization ratio in column E. The extent to which the given industry's primary products are shipped by establishments classified in and out of the given industry is summarized in columns F through H and shown as a ratio in column I.

Ind. code	Industry and census year	Value of shipments					Value of primary product shipments			
		Total	Primary products	Secondary products	Miscellaneous receipts	Primary product specialization ratio	Total, made in all industries	Made in this industry	Made in other industries	Coverage ratio
		(\$1,000)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. B:C (percent)	(\$1,000)	(\$1,000)	(\$1,000)	Col. B Col. F (percent)
		A	B	C	D	E	F	G	H	I
2891	Glue and gelatin.....1963..	351,680	278,872	57,478	15,330	.83	385,958	278,872	107,086	.72
	1958..	245,205	201,967	133,114	10,124	.86	288,052	201,967	86,085	.70
2892	Explosives.....1963..	283,298	169,347	24,058	89,893	.88	180,971	169,347	11,624	.94
	1958..	228,614	161,132	6,306	61,176	.96	169,699	161,132	8,567	.95
2893	Printing ink.....1963..	268,012	238,380	18,181	11,451	.93	258,248	238,380	19,868	.92
	1958..	228,141	205,552	16,649	5,940	.93	211,498	205,552	5,946	.97
2895	Carbon black.....1963..	149,122	(D)	(D)	(D)	(D)	149,392	(D)	(D)	(D)
	1958..	119,271	118,879	-	392	100	118,879	118,879	-	100
2899	Chemical preparations, n.e.c.....1963..	931,691	707,073	159,420	65,198	.82	998,615	707,073	291,542	.71
	1958..	726,245	560,635	92,273	73,337	.86	738,130	560,635	177,495	.76

Note: See Introduction for an explanation of terms used.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry: 1963

In thousands of dollars. The "All industries" column shows the total value of shipments of the primary products of the industry by all manufacturing industries. The next column(s) shows the total value of shipments of the specified industry divided among (a) products classified in the industry (primary products), (b) products classified in other industries (secondary products), and (c)

miscellaneous receipts. The value of shipments of the primary products of the specified industry reported by establishments not classified in that industry is shown under the caption "Other industries." Industries accounting for significant amounts of the primary products listed are shown in separate columns provided that the figures for individual companies are not thereby disclosed.

Prod. class code	Class of products and miscellaneous receipts	All industries	Glue and gelatin (SIC 2891)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Printing ink (SIC 2893)	Other industries
GLUE AND GELATIN INDUSTRY					PRINTING INK INDUSTRY				
	Total shipments and receipts of the industry.....	(X)	351,680	(X)		Total shipments and receipts of the industry.....	(X)	268,012	(X)
2891-	Glue and gelatin.....	385,958	278,872	107,086	2893-	Printing ink.....	258,248	238,380	⁶ 19,868
28911	Glues, adhesives and sizes.....	325,136	234,894	¹ 90,242		Other products.....	(X)	18,181	(X)
28912	Gelatin, except ready-to-eat deserts.....	55,412	38,568	² 16,844	28516	Industrial product finishes, except lacquers.....	(X)	2,288	(X)
28910	Glue and gelatin, n.s.k.....	5,410	5,410	-	28519	Miscellaneous paint products.....	(X)	8,657	(X)
	Other products.....	(X)	57,478	(X)		Other secondary products.....	(X)	77,236	(X)
20941	Grease and inedible tallow.....	(X)	4,899	(X)		Miscellaneous receipts.....	(X)	11,451	(X)
2819-	Inorganic chemicals, n.e.c.....	(X)	2,763	(X)					
28214	Thermosetting resins and plastics materials.....	(X)	6,255	(X)			All industries	Carbon black (SIC 2895)	Other industries
28518	Putty caulking, compounds and allied products.....	(X)	3,823	(X)					
28430	Surface active and finishing agents.....	(X)	2,008	(X)					
	Other secondary products.....	(X)	³ 37,730	(X)					
	Miscellaneous receipts.....	(X)	15,330	(X)					
99989	Resales.....	(X)	12,796	(X)					
99980	Other miscellaneous receipts.....	(X)	² 534	(X)	2895-	Carbon black (channel and furnace process only).....	149,392	(D)	(D)
		All industries	Explosives (SIC 2892)	Other industries		Miscellaneous receipts.....	(X)	(D)	(X)
EXPLOSIVES INDUSTRY							All industries	Chemical preparations, n.e.c. (SIC 2899)	Other industries
	Total shipments and receipts of the industry.....	(X)	283,298	(X)					
2892-	Explosives.....	180,971	169,347	⁴ 11,624					
	Secondary products.....	(X)	⁵ 24,058	(X)					
	Miscellaneous receipts, including value of explosives produced in government-owned, privately operated plants.....	(X)	89,893	(X)	2899-	Chemicals and chemical preparations, n.e.c.....	998,615	707,073	291,542
					28991	Salt.....	98,365	92,580	⁸ 5,785

See footnotes at end of table.

TABLE 5B. Industry-Product Analysis—Shipments by Product Class and Industry:
1963—Continued

Prod. class code	Class of products and miscellaneous receipts	All industries	Chemical preparations, n.e.c. (SIC 2899)	Other industries	Prod. class code	Class of products and miscellaneous receipts	All industries	Chemical preparations, n.e.c. (SIC 2899)	Other industries
	CHEMICAL PREPARATIONS, N.E.C., INDUSTRY—Continued					CHEMICAL PREPARATIONS, N.E.C., INDUSTRY—Continued			
2899-	Chemicals and chemical preparations, n.e.c.—Continued					Other products—Continued			
28992	Fatty acids.....	88,066	55,445	⁹ 32,621	28414	Glycerine.....	(X)	5,866	(X)
28993	Essential oils, fireworks, and pyrotechnics, and chemical and chemical preparations, n.e.c.....	770,938	520,003	¹⁰ 250,935	28423	Specialty cleaning and sanitation products.....	(X)	2,201	(X)
28990	Chemical preparations, n.s.k.....	41,246	39,045	2,201	28430	Surface active and finishing agents.....	(X)	9,783	(X)
	Other products.....	(X)	159,420	(X)	2851-	Paints and allied products.....	(X)	3,174	(X)
28163	Chrome colors and other inorganic pigments.....	(X)	9,124	(X)	29926	Lubricating oils (made from purchased materials).....	(X)	2,782	(X)
2818-	Organic chemicals, n.e.c.....	(X)	26,482	(X)		Other secondary products.....	(X)	¹¹ 88,230	(X)
2819-	Inorganic chemicals, n.e.c.....	(X)	2,829	(X)		Miscellaneous receipts.....	(X)	65,198	(X)
2821-	Plastics materials and resins.....	(X)	5,637	(X)	93000	Contract work.....	(X)	14,478	(X)
28411	Alkaline detergents and acid-type cleaners.....	(X)	3,312	(X)	99989	Resales.....	(X)	45,943	(X)
						Other receipts.....	(X)	4,777	(X)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

(X) Not applicable.

¹Includes \$12,379 thousand, shipped by establishments classified in industry 2821, Plastics Materials and Resins; \$12,438 thousand, shipped by industry 2851, Paints and Allied Products; \$3,035 thousand, shipped by industry 2899, Chemical Preparations, N.E.C.; \$4,029 thousand, shipped by industry 3069, Rubber Products, N.E.C.; and \$2,090 thousand, shipped by industry 3292, Asbestos Products. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 2011, Meat Slaughtering Plants; 2834, Pharmaceutical Preparations; 2861, Gum and Wood Chemicals; 3953, Office Supplies, Costume Jewelry and Miscellaneous Notions; and industry 3982, Hard Surface Floor Coverings.

²The following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: industry 2011, Meat Slaughtering Plants, and industry 2834, Pharmaceutical Preparations.

³The following product classes had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 20460, Wet corn milling; 28183, Synthetic organic chemicals; 28196, Other aluminum compounds, 28213, Thermoplastic resins and plastics materials; 28612, Other gum and wood materials; 28992, Fatty acids; 30698, Other rubber goods, n.e.c.

⁴The following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: industry 2818, Organic Chemicals, N.E.C.

⁵Includes the following product classes which total \$2 million or more but are withheld to avoid disclosing individual company figures: 28191, Synthetic ammonia, nitric acid, and ammonium compounds; 37225, Complete missile or space vehicle engines and/or propulsion units; 37226, Receipts for research and development on complete missile or space vehicle engines and/or propulsion units; 37292, Guided missile components and subassemblies, n.e.c.; 37294, Receipts from research and development on missile components, n.e.c.

⁶Includes \$8,434 thousand, shipped by establishments classified in industry 2851, Paints and Allied Products. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: industry 2815, Intermediate Coal Tar Products, and industry 3579, Office Machines, N.E.C.

⁷Includes the following product class which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: 28152, Synthetic organic dyes.

⁸The following industry had shipments which totaled \$2 million or more but is withheld to avoid disclosing individual company figures: industry 1476, Rock Salt.

⁹Includes \$8,707 thousand shipped by establishments classified in industry 2861, Gum and Wood Chemicals. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: industry 2096, Shortening and Cooking Oils; industry 2631, Paperboard Mills; industry 2818, Organic Chemicals, N.E.C.; industry 2841, Soap and Other Detergents; industry 2891, Glue and Gelatin.

¹⁰Includes \$5,579 thousand shipped by industry 2037, Frozen Fruits and Vegetables; \$70,363 thousand shipped by industry 2818, Organic Chemicals, N.E.C.; \$8,646 thousand shipped by industry 2819, Inorganic Chemicals, N.E.C.; \$22,316 thousand shipped by industry 2821, Plastics Materials and Resins; \$3,703 thousand shipped by industry 2834, Pharmaceutical Preparations; \$14,909 thousand shipped by industry 2841, Soap and Other Detergents; \$15,947 thousand shipped by industry 2842, Polishes and Sanitation Goods; \$9,267 thousand shipped by industry 2851, Paints and Allied Products; \$9,218 thousand shipped by industry 2879, Agricultural Chemicals, N.E.C.; \$15,229 thousand shipped by industry 2992, Lubricating Oils and Greases. In addition, the following industries had shipments which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: industry 2911, Petroleum Refining; industry 3069, Rubber Products, N.E.C.; industry 3356, Rolling and Drawing, N.E.C.; industry 3541, Metal-Cutting Machine Tools; industry 3569, General Industry Machines, N.E.C.; industry 3623, Welding Apparatus; industry 3951, Pens and Mechanical Pencils.

¹¹Includes the following product classes which totaled \$2 million or more but are withheld to avoid disclosing individual company figures: 14760, Rock salt; 20943, Animal and marine oil mill products, including foots; 26215, Fine paper, including thin paper; 26216, Coarse paper; 27527, Lithographic plates made for others; 28442, Perfumes, toilet water, and colognes; 28790, Insecticidal and fungicidal preparations (formulations) primarily for agricultural use; 30796, Construction plastics products; 32932, Gaskets, all types; 34611, Vitreous-enamelled products; 39993, Other miscellaneous fabricated products.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958

Product code	Product	Unit of measure	Total shipments including interplant transfers			
			1963		1958	
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
2891- --	GLUE AND GELATIN, TOTAL.....	.....	(X)	385,958	(X)	288,052
28911 --	Glues, adhesives, and sizes, total ¹.....	.....	(X)	325,136	(X)	234,540
	Animal glues:					
28911 11	Hide (dry forms).....	1,000 lbs....	52,177	13,105	51,721	13,188
28911 14	Bone, green and extracted (dry forms).....	..do.....	46,299	7,470	54,120	9,463
28911 26	Flexible, nonwarp, and liquid glue (not glue stock).....	..do.....	(NA)	14,417	49,136	9,325
	Protein adhesives:					
28911 41	Casein adhesives.....	..do.....	(NA)	7,225	34,289	4,997
28911 43	Soybean adhesives.....	..do.....	13,964	1,964	92,380	10,260
28911 45	Other, including blood, albumen, etc.....	..do.....	122,480	15,206		
	Vegetable adhesives:					
28911 51	Dextrines.....	..do.....	200,169	19,301	150,163	15,597
28911 55	Starches.....	..do.....	82,248	7,238	47,291	5,194
28911 71	Synthetic resin adhesives made from purchased resins, including all types of bonding and laminating adhesives: ²					
	Quantity reported.....	..do.....	264,772	69,643	233,386	49,842
	Quantity not reported.....	..do.....	(X)	10,152		
28911 73	Rubber and synthetic resin combinations:					
	Quantity reported.....	..do.....	112,430	30,318	77,483	19,173
	Quantity not reported.....	..do.....	(X)	9,063		
28911 75	Adhesives made from natural gums and resins, except rubber.....	..do.....	(NA)	11,141	22,944	4,900
28911 77	Mucilage.....	..do.....	(NA)	2,072	(NA)	937
28911 79	Other formulated and prepared adhesives, except rubber cement, including lacquer and asphalt base adhesives:					
	Quantity reported.....	1,000 lbs....	98,586	14,471	157,732	19,049
	Quantity not reported.....	..do.....	(X)	7,044		
28911 83	Cements: furnace, porcelain, etc., other than rubber cement.....	..do.....	23,404	3,531	39,363	5,795
	Sizes:					
28911 95	Resin sizes.....	..do.....	(NA)	59,721	516,666	45,389
28911 98	Other, including dextrin sizes.....	..do.....	(NA)	10,364	104,633	13,145
28911 00	Glues and adhesives, n.s.k.....	.....	(X)	11,690	(X)	8,286
28912 --	Gelatin, except ready-to-eat desserts, total.....	.....	(X)	55,412	(X)	51,980
28912 11	Food grade, excluding pharmaceutical and photographic.....	1,000 lbs....	45,287	26,143	42,670	29,258
28912 31	Pharmaceutical grade (except unfilled capsules).....	..do.....	5,179	4,096	3,836	3,045
28912 51	Photographic grade.....	..do.....	7,838	10,859	6,892	8,183
28912 71	Technical (inedible) grade.....	..do.....	2,648	950	1,822	700
28912 98	Other gelatin products, except ready-to-eat desserts, including unfilled capsules and gelatin sheets for theatricals use.....	.....	(X)	13,364	(X)	10,794
28912 00	Gelatin, except ready-to-eat desserts, n.s.k.....	.....			(X)	-
28910 00	Glue and gelatin, n.s.k.....	.....	(X)	5,410	(X)	1,532
2892- --	EXPLOSIVES, TOTAL.....	.....	(X)	³ 180,971	(X)	³ 169,699
	Industrial explosives:					
	High explosives.....	.....	(X)	102,207	(X)	111,744
28921 13	Permissibles (approved by Bureau of Mines for underground coal mining).....	1,000 lbs....	76,868	12,746	83,889	14,706
28921 17	Ammonium nitrate, fuel sensitized ⁴.....	..do.....	231,650	13,342	606,954	97,038
28921 19	Other high explosives, including slurry, oxygen, etc.....	..do.....	501,828	76,119		
28921 29	Other industrial explosives, including black blasting powder, shaped charges, etc. ⁵.....	.....	(X)	8,868	(X)	5,864
28921 33	Propellants, including smokeless and black powder.....	1,000 lbs....	13,165	12,668	(X)	7,635
	Blasting accessories:					
28921 41	Safety fuse.....	1,000 ft....	598,174	9,701	491,956	6,800
28921 51	Detonating fuse.....	..do.....				
	Detonators:					
28921 43	Blasting caps, electric, delay.....	1,000 units...	46,916	14,614	43,427	11,184
28921 45	Blasting caps, electric, except delay.....	..do.....	50,635	12,114	62,052	14,017
28921 47	Blasting caps, except electric.....	..do.....	57,842	1,218	69,024	1,301
28921 61	Other blasting accessories (squibs, ignitors, boosters, etc.).....	.....	(X)	14,170	(X)	6,523
28921 71	Other explosives ⁶.....	.....	(X)	5,411	(X)	4,631

See footnotes at end of table.

TABLE 6A. **Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued**

Product code	Product	Unit of measure	Total shipments including interplant transfers					
			1963		1958			
			Quantity	Value (\$1,000)	Quantity	Value (\$1,000)		
2893- --	PRINTING INKS, TOTAL.....	.....	(X)	258,248	(X)	211,498		
	Letterpress inks, total.....	1,000 lbs...	(NA)	93,023	392,115	98,228		
	News inks:							
28930 03	Black.....	..do.....	(NA)	15,277	268,659	20,000		
28930 04	Color.....	..do.....	22,445	8,394				
	Book and magazine publication inks:							
28930 07	Black.....	..do.....	39,249	12,869	63,480	34,295		
28930 08	Color.....	..do.....	20,617	12,184				
28930 14, 16	Container and label inks, black and color.....	..do.....	48,833	34,287	47,701	33,447		
28930 19		Other letterpress inks.....	..do.....	9,535	10,012	12,275	10,486	
	Lithographic and offset inks, total.....	..do.....	49,583	59,460	30,815	41,708		
28930 33	Publication inks.....	..do.....	13,619	14,825	30,815	41,708		
28930 35	Container and label inks.....	..do.....	15,358	18,710				
28930 39	Other lithographic and offset inks.....	..do.....	20,606	25,925				
	Gravure inks, total.....	..do.....	121,374	38,078	93,525	25,902		
28930 41	Container and label inks.....	..do.....	62,878	25,186	37,277	16,362		
28930 49	Other gravure inks.....	..do.....	58,496	12,892	56,248	9,540		
28930 71	Textile printing inks.....	..do.....	31,013	16,892	19,267	12,051		
28930 81	Flexographic inks.....	..do.....	44,059	26,655	27,321	18,738		
28930 98	Other printing inks, including silk screen and stencil inks.....	..do.....	(NA)	14,568	17,201	9,608		
28930 00	Printing inks, n.s.k.....	.....	(X)	9,572	(X)	5,263		
			1963		1958			
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
28950 11	CARBON BLACK (CHANNEL AND FURNACE PROCESS ONLY) ⁷	1,000 lbs...	2,060,302	2,071,146	149,392	1,645,315	1,676,648	118,879
2899- --	CHEMICAL PREPARATIONS, N.E.C., TOTAL.....	.....	(X)	(X)	998,615	(X)	(X)	738,130
28991 11	Salt, evaporated (bulk, pressed blocks, and packaged)	1,000 short tons.....	4,610	⁸ 4,628	98,365	(X)	⁸ 3,815	⁸ 86,544
28992 --	Fatty acids:							
	Fatty acids produced for sale as such, from own or purchased materials, total.....	1,000 lbs...	(X)	(X)	88,066	(X)	(X)	67,599
28992 11	Stearic acid (40-50% stearic content) types commercially designated as single, double, or triple pressed.....	..do.....	63,601	63,486	9,391	(X)	49,979	8,052
28992 21	Other stearic acids (over 50% stearic content), high palmitic content (over 60% palmitic), hydrogenated animal and vegetable fatty acids..	..do.....	196,568	194,721	24,767	(X)	111,310	15,594
28992 32	Fish and marine mammal fatty acids.....	..do.....	8,799	10,129	1,292	(X)	(X)	(⁹)
28992 51	Coconut-type fatty acids, including coconut, babassu and palm kernel and such fractionated fatty acids as lauric caprylic, capric, and myristic.....	..do.....	96,166	82,385	10,890	(X)	61,966	13,248
28992 61	Oleic acid, including white oleic, and red oil..	..do.....	105,072	73,159	11,605	(X)	59,753	8,911
28992 71	Unsaturated animal fatty acids (unhydrogenated), other than oleic.....	..do.....	51,068	26,168	3,187	(X)	(X)	⁹ 4,046
28992 81	Unsaturated vegetable fatty acids (unhydrogenated).....	..do.....	52,937	48,631	8,379	(X)	53,440	8,940
28992 91	Tall oil fatty acids (containing 90% or more free fatty acids, excluding rosin acids).....	..do.....	274,012	210,387	18,555	(X)	94,386	8,808
28993 --	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c.....	.....	(X)	(X)	770,938	(X)	(X)	557,167
	Essential oils, unblended (natural):							
	Citrus oils:							
28993 11	Orange.....	1,000 lbs...	(NA)	5,198	3,021	(X)	3,133	3,153
28993 12	Lemon.....	..do.....	(NA)	1,585	8,228	(X)	1,601	5,884
28993 13	Other.....	..do.....	(NA)	1,047	2,404	(X)	704	737
28993 15	Peppermint oils.....	..do.....	(NA)	1,617	8,790	(X)	(X)	¹⁰ 27,382
28993 19	Other natural essential oils.....	..do.....	(NA)	4,776	11,913			
28993 29	Fireworks and pyrotechnics.....	.....	(X)	(X)	16,544	(X)	(X)	14,134

See footnotes at end of table.

TABLE 6A. Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958—Continued

Product code	Product	Unit of measure	1963			1958		
			Production for all purposes (quantity)	Total shipments, including interplant transfers		Production for all purposes (quantity)	Total shipments, including interplant transfers	
				Quantity	Value (\$1,000)		Quantity	Value (\$1,000)
2899- --	CHEMICAL PREPARATIONS, N.E.C.—Continued							
28993 --	Essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c.—Continued							
	Chemical preparations, n.e.c.:							
28993 35	Automotive chemical specialties including anti-freeze ¹¹							
28993 26			(X)	(X)	¹² 145,974	(X)	(X)	76,841
28993 37								
28993 39								
28993 41	Concrete curing and floor hardening materials...	1,000 lbs...	86,884	86,193	10,905	70,999	72,234	7,339
	Drilling mud materials, mud thinners, thickeners and purifiers.....	...do.....	393,977	393,715	13,704	128,183	127,666	6,976
28993 49	Foundry supplies, chemical.....		(X)	(X)	24,446	(X)	(X)	17,986
28993 53	Household tints and dyes.....	1,000 lbs...	(¹³)	(¹³)	(¹³)	6,317	6,156	8,091
28993 55	Insulation products (heat, electrical, other)...		(X)	(X)	14,142	(X)	(X)	8,831
28993 59	Metal-treating compounds (nonoil base) for nitriding, pickling, drawing, and cutting.....		(X)	(X)	42,838	(X)	(X)	¹² 14,43,568
28993 61	Oil treating compounds (nonoil base).....		(X)	(X)	30,952	(X)	(X)	26,291
28993 72	Inks (writing and stamp pad ink, including indelible ink and marking fluid) excluding drawing ink.....	1,000 gal...	(NA)	(NA)	10,236	(X)	(X)	9,322
	Water treating compounds:							
28993 77	Boiler compounds.....	1,000 lbs...	127,330	126,376	30,813	139,220	139,974	26,481
28993 79	Other water softening compounds.....	...do.....	248,732	247,557	43,047	(NA)	(NA)	19,170
28993 81	Water proofing compounds (electrical, leather, masonry, textile, etc.).....		(X)	(X)	23,297	(X)	(X)	10,798
28993 87	Vitreous enamel (frit).....	1,000 lbs...	222,294	219,629	36,177	197,764	173,094	26,512
28993 91	Plating compounds.....	...do.....	(NA)	(NA)	¹² 33,912	(X)	(X)	(¹⁴)
28993 93	Lighter fluids (cigarette, charcoal, etc.).....	1,000 gal...	2,754	2,732	9,652	(X)	(X)	(¹⁵)
28993 98	Other industrial chemical specialties, including fluxes and plastic wood preparations.....		(X)	(X)	¹³ 222,149	(X)	(X)	¹⁴ ¹⁵ 175,697
28993 00	Other essential oils, fireworks, and pyrotechnics, and chemicals and chemical preparations, n.e.c., n.s.k.....		(X)	(X)	27,794	(X)	(X)	41,974
28990 00	Chemicals and chemical preparations, n.e.c., n.s.k.....		(X)	(X)	41,246	(X)	(X)	26,820

- Represents zero. (NA) Not available. n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(X) Not applicable.

¹Additional monthly information on quantity of production, shipments, and stocks may be found in the Current Industrial Reports Series M28W(63).

²See industry 2821, Plastics Materials, for figures on synthetic resins for adhesives.

³The estimated value of explosives produced in government-owned contractor operated plants, including receipts for operation and maintenance, is included with miscellaneous receipts and thus excluded from this table. The total value of miscellaneous receipts included in the total value of shipments shown in tables 1 and 2 is \$90 million in 1963 and \$61 million in 1958.

⁴Excludes ammonium nitrate, field mix.

⁵Includes fuse powder and nitroglycerin sold as such.

⁶Includes military detonators, jet starters, fuse and explosive assemblies, etc.

⁷For 1963, the Bureau of Mines, U.S. Department of the Interior reported that 2,058,916,000 pounds of carbon black were produced; 179,012,000 by the contact process, and 1,879,904,000 by the furnace process. The corresponding 1958 figures are 324,743,000 pounds by contact process and 1,319,862,000 pounds by the furnace process. For additional detail see Minerals Yearbook (Bureau of Mines).

⁸Includes for 1963 between 50 and 80 thousand tons of evaporated salt valued at less than \$4 million shipped by establishments classified in the Mineral Industries. Comparable 1958 data are between 90 and 100 thousand tons valued at less than \$5 million. For annual information on evaporated salt, rock salt, and salt in brine see Bureau of Mines Minerals Yearbook.

⁹Product code 2899232 combined with code 2899271 for 1958 to avoid disclosing figures for individual companies.

¹⁰Includes \$3,378 thousand for 1958, of Natural essential oils, n.s.k.

¹¹Excludes unspecified amount of permanent type antifreeze preparations classified as product code 2818211, Acyclic chemicals.

¹²Product code 2899359, Metal treating compounds includes for 1958 unspecified amounts reported in 1963 as product code 2899337, Automotive chemicals, and 2899391, Plating compounds.

¹³Product code 2899353 combined with code 2899398 for 1963 to avoid disclosing figures for individual companies.

¹⁴Data for product code 2899391, Plating compounds, were not reported separately in 1958 but were included in product code 2899359, Metal treating compounds and product code 2899398, Other industrial chemical specialties.

¹⁵Figures were not reported separately in 1958 but were included in product code 2899398, Other industrial chemical specialties.

TABLE 6B. Product Classes—Indexes of Production and Unit Value for Primary Products Shipped by All Producers: 1963 and 1958

Product code	Product and year	Indexes (1954 = 100)	
		Production	Unit value
289	Miscellaneous chemical products ¹.....1963..	156	105
	.....1958..	119	108
2891	Glue and gelatin.....1963..	155	108
	.....1958..	126	105
28911	Glues, adhesives, and sizes.....1963..	156	112
	.....1958..	128	105
28912	Gelatin, except ready-to-eat desserts.....1963..	139	94
	.....1958..	113	105
2892	Explosives.....1963..	104	93
	.....1958..	87	106
2893	Printing inks.....1963..	135	111
	.....1958..	112	111
2895	Carbon black.....1963..	140	108
	.....1958..	113	106
2899	Chemical preparations, n.e.c. ....1963..	(²)	(²)
	.....1958..	(²)	(²)
28991	Salt, evaporated.....1963..	118	116
	.....1958..	98	124
28992	Fatty acids.....1963..	156	108
	.....1958..	102	118
28993	Essential oils, fireworks, pyrotechnics, and chemicals and chemical preparations, n.e.c.....1963..	(²)	(²)
	.....1958..	(²)	(²)

(NA) Not available. n.e.c. Not elsewhere classified.

¹Adjusted to include products not specified by kind and not included below.

²Not shown pending further review of data covering product class 28993.

TABLE 6C. Product Classes—Value Shipped by All Manufacturing Establishments: 1958 to 1963

(In thousands of dollars)

Code	Product class	1963	1962 ¹	1961 ¹	1960 ¹	1959 ¹	1958
2891-	Glue and gelatin.....	385,958	326,664	317,430	324,196	313,809	288,052
28911	Glues, adhesives, and sizes.....	325,136	273,375	263,167	267,639	259,446	234,540
28912	Gelatin, except ready-to-eat dessert.....	55,412	52,140	53,063	55,286	53,062	51,980
28910	Glue and gelatin.....	5,410	(S)	(S)	(S)	(S)	1,532
28921	Industrial explosives.....	180,971	180,964	183,713	181,961	181,088	169,699
28930	Printing Ink.....	258,248	254,770	237,002	221,194	219,810	211,498
28950	Carbon black (channel and furnace process only).....	149,392	146,766	143,276	142,502	139,241	118,879
2899-	Chemical preparations, n.e.c.....	998,615	978,178	949,102	906,918	888,802	738,130
28991	Salt.....	98,365	91,127	89,925	88,549	88,698	86,544
28992	Fatty acids.....	88,066	85,857	75,406	73,597	81,830	67,599
28993	Essential oils, fireworks, and pyrotechnics and chemicals and chemical preparations, n.e.c.....	770,938	770,184	756,914	718,925	692,100	557,167
28990	Chemical preparations, n.s.k.....	41,246	(S)	(S)	(S)	(S)	26,820

n.e.c. Not elsewhere classified. n.s.k. Not specified by kind.

(S) Withheld because the estimate did not meet publication standards, either on the basis of the associated standard error of estimate or on the basis of a consistency review.

¹These figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the annual survey of manufactures volumes for this period.

TABLE 6D. **Product Classes—Value Shipped by All Manufacturing Establishments, by Geographic Areas: 1963 and 1958**

In thousands of dollars. Statistics are shown for selected product classes which are economically significant and which have production that is geographically dispersed, provided that the dispersion is not approximated by the data in the geographic table for the industry (table 2) and they are not miscellaneous or "not specified by type" classes. For each product class, States are

listed only if the value of shipments is more than \$1 million and the figure does not disclose individual company information. Additional States which had shipments of more than \$1 million of the individual product classes are listed in footnote 1.

Product class and geographic area	Value of shipments ¹		Product class and geographic area	Value of shipments		Product class and geographic area	Value of shipments	
	1963 ¹	1958		1963 ¹	1958		1963 ¹	1958
GLUES, ADHESIVES, AND SIZES (28911)			SALT (28991)			ESSENTIAL OILS, FIREWORKS AND PYROTECHNICS AND CHEMICALS AND CHEMICAL PREPARATIONS, N.E.C. (28993)—Continued		
United States, total.....	325,136	234,540	United States, total....	98,365	86,544	East North Central.....	280,793	195,397
New England.....	29,084	19,710	Middle Atlantic.....	17,225	16,468	Ohio.....	84,919	70,835
Massachusetts.....	24,741	17,595	New York.....	17,225	16,468	Indiana.....	31,607	21,718
Connecticut.....	2,497	1,305	East North Central.....	39,590	35,727	Illinois.....	79,996	58,001
Middle Atlantic.....	81,375	64,084	West North Central.....	12,377	10,320	Michigan.....	72,576	37,018
New York.....	26,363	29,325	South and West.....	29,173	24,029 ⁽²⁾	Wisconsin.....	11,695	7,825
New Jersey.....	35,406	18,173	California.....	16,585				
Pennsylvania.....	19,606	16,586						
East North Central.....	87,089	57,217	FATTY ACIDS (28992)			West North Central.....	56,564	80,767
Ohio.....	17,419	9,288	United States, total.....		88,066	Iowa.....	5,076	4,025
Indiana.....	3,635	4,432	Northeast.....		14,854	Missouri.....	23,844	17,415
Illinois.....	42,555	28,869	North Central.....		41,270	Nebraska.....	1,288	(Z)
Michigan.....	11,757	6,936	South and West.....		31,942	Kansas.....	4,105	(Z)
Wisconsin.....	11,723	7,692						
West North Central.....	11,530	9,041	ESSENTIAL OILS, FIREWORKS AND PYROTECHNICS AND CHEMICALS AND CHEMICAL PREPARATIONS, N.E.C. (28993)			South Atlantic.....	59,575	45,531
Minnesota.....	3,490	3,002	United States, total....	770,938	598,119	Maryland.....	13,595	14,911
Missouri.....	4,041	3,677	New England.....	28,984	20,274	Virginia.....	1,453	1,287
Kansas.....	1,938	1,171	Massachusetts.....	12,823	7,700	North Carolina.....	8,622	3,975
South Atlantic.....	54,207	33,606	Rhode Island.....	2,050	1,701	Georgia.....	6,662	3,016
Maryland.....	6,654	1,129	Connecticut.....	12,640	7,782	Florida.....	2,978	3,128
North Carolina.....	5,847	2,954	Middle Atlantic.....	200,142	149,984	East South Central.....	24,409	15,662
Georgia.....	33,918	26,555	New York.....	61,074	51,260	Tennessee.....	11,621	(Z)
Florida.....	2,346	(Z)	New Jersey.....	82,914	62,403	West South Central.....	62,779	46,512
East South Central.....	13,983	13,482	Pennsylvania.....	56,154	36,321	Oklahoma.....	3,185	(Z)
Tennessee.....	2,763	(Z)				Texas.....	57,694	38,884
West South Central.....	8,068	5,071				Mountain.....	1,913	(Z)
Louisiana.....	2,732	(Z)				Pacific.....	55,779	(Z)
Texas.....	4,975	(Z)				California.....	54,677	39,073
West.....	39,800	32,329						
Oregon.....	11,610	10,842						
California.....	20,548	14,556						

(Z) Less than \$1 million reported.

¹For the specified product classes, shipments of over \$1 million were reported for 1963 for the States listed but the exact figures are withheld to avoid disclosure of individual company figures: 28911, Nebraska, Virginia, South Carolina, Kentucky, Alabama, Mississippi, Washington; 28991, Ohio, Michigan, Kansas, Louisiana, Texas, Utah; 28992, New York, New Jersey, Pennsylvania, Ohio, Indiana, Illinois, Virginia, Georgia, Florida, Tennessee, Alabama, Louisiana, Texas, California; 28993, Minnesota, South Carolina, Kentucky, Alabama, Louisiana.

²Shipments of over \$1 million were reported but exact figures are withheld to avoid disclosure of individual company figures.

TABLE 7A. Materials by Kind: 1963 and 1958

Code	Material	Basis	Unit of measure	Total consumption of materials (quantity)	Consumption of materials received from other establishments		Materials made and consumed in same plant
					Quantity	Delivered cost (\$1,000)	
		1963					
	INDUSTRY 2892—EXPLOSIVES						
	Materials, total.....			(X)	(X)	100,656	(X)
281912	Ammonia, synthetic anhydrous.....	100% NH ₃ ...	Short tons	(D)	83,494	5,656	(D)
281914	Ammonium nitrate.....	100% NH ₄ NO ₃ ...	do...	228,227	101,061	5,902	127,166
281901	Mixed acid (sulfuric and nitric).....	do...	do...	42,946	9,279	629	33,667
281911	Nitric acid.....	100% HNO ₃ ...	do...	(D)	(D)	(D)	189,616
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄ ...	do...	79,208	54,817	1,228	24,391
970099	All other materials and components, parts and supplies consumed...	do...	do...	(X)	(X)	85,812	(X)
973000	Materials, containers, and supplies, n.s.k.....	do...	do...	(X)	(X)	1,429	(X)
		1958					
	Materials, total.....			(X)	(X)	84,385	(X)
281912	Ammonia, synthetic anhydrous.....	100% NH ₃ ...	Short tons	(D)	64,666	5,853	(D)
281914	Ammonium nitrate.....	100% NH ₄ NO ₃ ...	do...	183,438	93,168	5,869	90,270
281901	Mixed acid (sulfuric and nitric).....	do...	do...	55,262	25,131	1,587	30,131
281911	Nitric acid.....	100% HNO ₃ ...	do...	135,845	12,532	1,132	123,313
281931	Sulfuric acid, except spent acid.....	100% H ₂ SO ₄ ...	do...	87,720	43,952	1,075	43,768
970099	All other materials and components, parts and supplies consumed...	do...	do...	(X)	(X)	67,863	(X)
973000	Materials, containers, and supplies, n.s.k.....	do...	do...	(X)	(X)	1,006	(X)
		Unit of measure	1963		1958		
			Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)	
	INDUSTRY 2895—CARBON BLACK						
	Materials, containers, and supplies, total.....		(X)	49,276	(X)		43,109
291101	Fuel oil used as raw material.....	42 gallons barrels.....	8,203,639	24,273	5,855,350	16,943	
131302	Natural gas used as a raw material.....	million cu. ft..	124,571	15,423	202,735	17,069	
970099	All other materials and components, parts, containers and supplies consumed.....	do...	-	9,580	-	9,097	

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.
(X) Not applicable.

TABLE 7B. Fuels and Electric Energy Consumed and Horsepower Rating of Power Equipment: 1962

Item	Glue and gelatin (SIC 2891)	Explosives (SIC 2892)	Printing ink (SIC 2893)	Carbon black (SIC 2895)	Chemical preparations, n.e.c. (SIC 2899)
Total cost of purchased fuels and electric energy.....\$1,000..	5,107	4,152	2,451	5,294	13,468
Total cost of purchased fuels.....do....	3,715	2,480	817	2,620	9,021
Bituminous coal, lignite, and anthracite:					
Quantity.....1,000 short tons..	119	166	(S)	-	397
Cost.....\$1,000..	998	1,320	(S)	-	2,954
Coke and breeze:					
Quantity.....1,000 short tons..	-	-	-	-	-
Cost.....\$1,000..	-	-	-	-	-
Fuel oil (distillate and residual):					
Quantity.....1,000 barrels of 42 gallons..	753	183	158	-	320
Cost.....\$1,000..	2,028	567	468	-	1,106
Gas (natural, manufactured, still, blast furnace, and coke oven):					
Quantity.....million cu. ft..	700	1,397	214	13,880	9,105
Cost.....\$1,000..	370	485	138	2,586	3,887
Other fuels.....do....	319	108	209	34	1,074
Electric energy:					
Purchased:					
Quantity.....million kw.-hrs..	99	140	73	287	340
Cost.....\$1,000..	1,392	1,672	1,634	2,674	4,447
Generated less sold.....million kw.-hrs..	30	(S)	-	22	90
Aggregate horsepower of prime movers and electric motors driven by purchased energy (December 31), total....1,000 hp..	106	305	54	113	221
Prime movers, total.....do....	29	78	2	12	63
Driving generators.....do....	19	11	1	6	39
Not driving generators.....do....	10	67	1	6	24
Electric motors, total.....do....	95	230	52	105	191
Driven by purchased energy.....do....	77	226	52	100	158
Driven by energy generated at establishment.....do....	17	3	-	5	33
Aggregate horsepower per 100 production workers.....	2,268	2,830	946	4,618	1,531

Note: Detail may not add to totals because of independent rounding. Figures for fuels and electric energy for 1962 and horsepower of power equipment as of December 31, 1962 represent estimates derived from a representative sample of manufacturing establishments. These estimates, therefore, may differ from the results that would have been obtained from a complete canvass of all manufacturing establishments. The standard errors associated with these estimates are published in the reports "Fuels and Electric Energy Consumed in Manufacturing Industries in 1962," and "Power Equipment in Manufacturing Industries, as of December 31, 1962," MC63(1)-7, and MC63(1)-6.

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable. n.e.c. Not elsewhere classified.

(S) Withheld because the estimate did not meet publication standards for one or more of the following reasons: The standard error associated with the figure was too high (generally in excess of 25 percent); to avoid disclosing figures of individual companies; or on the basis of a general consistency review.

TABLE 8. General Statistics for Establishments, by Industry Specialization and Primary Product Class Specialization: 1963

This table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. The measures of plant specialization shown are (1) industry specialization—the ratio of primary product shipments to total product shipments, primary plus secondary, for the establishments; and (2) product class specialization—the ratio of the largest primary product class shipments to total product shipments, primary plus secondary, for

the establishment. See Introduction for method of computing these ratios. Statistics for establishments with specialization ratios of less than 75 percent are included in total lines but are not shown as a separate class. In addition, data may not be shown for some industries, product classes, or specialization ratios for various reasons, e.g., to avoid disclosure of individual company data.

Industry or product class code	Industry or product class by percent of specialization	Establishments (number)	All employees		Production workers			Value added by manufacture, adjusted (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Capital expenditures, new (\$1,000)
			Total (number)	Payroll (\$1,000)	Total (number)	Man-hours (1,000)	Wages (\$1,000)				
2891-	GLUE AND GELATIN										
	Entire industry.....	368	8,521	54,869	5,426	11,245	28,620	147,006	203,918	351,680	9,778
	Establishments with—										
	90% or more specialization..	303	4,993	31,398	3,007	6,147	14,969	74,845	114,111	189,946	3,217
	75-89% specialization.....	22	1,625	11,048	1,162	2,440	7,066	26,997	27,474	55,356	2,858
28911	Glues, adhesives, and sizes (primary product class of estab.)....	295	6,830	43,156	4,187	8,724	20,936	121,622	175,812	296,880	6,830
	Establishments with—										
	90% or more specialization....	234	3,733	23,614	2,116	4,337	10,192	56,841	92,102	148,602	2,368
	75-89% specialization.....	23	1,059	6,629	643	1,327	3,404	17,408	20,890	38,824	2,080
28912	Gelatin, except ready-to-eat desserts (primary product class of estab.).....	14	1,406	9,792	1,067	2,184	6,745	20,820	22,796	45,213	1,259
	Establishments with—										
	90% or more specialization....	8	722	4,874	529	1,072	3,231	9,534	14,296	25,138	639
2899-	CHEMICAL PREPARATIONS, N.E.C.										
	Entire industry.....	1,384	25,788	162,926	15,675	33,012	81,139	505,868	435,651	931,691	22,060
	Establishments with—										
	90% or more specialization..	1,219	16,249	97,411	10,138	21,593	49,479	300,091	234,269	530,490	12,696
	75-89% specialization.....	36	2,275	17,071	1,064	2,305	6,022	60,843	49,321	109,405	2,017
28991	Salt (primary product class of estab.).....	38	3,583	20,026	2,990	6,562	15,608	69,381	29,157	97,612	2,942
28992	Fatty acids (primary product class of estab.).....	12	1,711	12,501	1,150	2,548	8,137	36,473	61,429	94,997	3,560
28993	Essential oils, fireworks and pyrotechnics, chemicals and chemical preparations, n.e.c. (primary product class of estab.).....	742	18,447	121,344	10,215	21,315	52,267	378,249	327,129	699,748	13,806
	Establishments with—										
	90% or more specialization....	591	10,579	67,076	5,886	12,523	28,500	209,162	181,974	388,559	8,011
	75-89% specialization.....	45	2,175	16,474	943	1,984	5,259	56,090	43,223	98,956	1,539

n.e.c. Not elsewhere classified.

Manufacturing Activity In Government Establishments

Special Report

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MANUFACTURING ACTIVITY IN GOVERNMENT ESTABLISHMENTS

This special report presents data of manufacturing activities for selected government establishments within the United States. These data are not included in other 1963 Census of Manufactures reports, which cover privately operated establishments only. Manufacturing establishments owned by the Federal Government and operated by private companies either for the government or for their own account are included with privately operated establishments. Three types of establishments are covered in this report: (1) Manufacturing facilities owned and operated by the Department of Defense; (2) prison industries (Federal, District of Columbia, and State); and (3) manufacturing facilities owned and operated by other U.S. Government agencies. The data were prepared with the cooperation of the Department of Defense, the Department of Justice, the Department of Interior, and the District of Columbia and State prison systems.

MANUFACTURING FACILITIES OWNED BY THE U.S. GOVERNMENT AND OPERATED BY THE DEPARTMENT OF DEFENSE

Data are shown in tables 1 to 3 for manufacturing facilities owned by the U.S. Government and operated by the Department of Defense. Although these establishments may also be engaged in nonmanufacturing activities at the same location, the statistics represent only their activities relating to manufacturing. All manufacturing installations which produce goods or perform manufacturing services, such as industrial research and development, are covered in this report. Data resulting from the conversion and modification of ships and aircraft by the Army and Navy, but not the Air Force, are also included. Manufacturing activities of the U.S. Air Force are not included because its accounting system is different from that used in the Industrial Fund of the Department of Defense and thus the Air Force concluded it could not provide data comparable to the other respondents (Army and Navy). Also, the report does not include activities of Defense Department installations which serve primarily or exclusively their own installations (e.g., bakeries and some machine shops). All printing and publishing activities are excluded because almost every large government installation engages in these activities to some degree, thus making coverage difficult.

There are approximately twice as many plants reporting in this survey as in the comparable 1958 survey. This increase is primarily because of the additions of research and development activities and manufacturing divisions of supply depots. As a result of this increase, there are two types of tables. The first type shows 1963 data for all Defense Department plants within the scope of this survey. The second shows 1963 data for only those plants that reported in 1958 and their comparable 1958 data.

In all tables, statistics are shown for employment, man-hours, payrolls, costs, and billings. Military personnel are not included in any of the employment, payroll, or man-hours data. The data represent only nonmilitary (wage board and graded) employees engaged in manufacturing activities at the plant. The cost and billings data for 1963 are based on the Industrial Fund accounting system of the Department of Defense. The Industrial Fund concepts of "Total Billings" and "Total Earned Revenue," which were used for the 1963 data, differ because the latter is the result of increasing or decreasing "Total Billings" to reflect the change in unbilled costs of work in progress.

The 1963 value added by manufacture data, shown in table 1, represent total earned revenue (including the value of manufacturing services) less the cost of materials, parts, and supplies actually consumed or put into production during the year.

PRISON INDUSTRIES (FEDERAL, DISTRICT OF COLUMBIA, AND STATE)

During 1963, manufactured products valued at \$112,702 thousand were produced in Federal, District of Columbia, and State prisons in the United States. The comparable 1958 figure of \$97,307 thousand also includes the value of products produced for use within the institutions as well as for products transferred to other governmental agencies or for sale in the open market. These data, shown in detail in table 4, cover the activities of the Federal Prison Industries, Inc., as well as those of the prison industries of each State and the District of Columbia.

MANUFACTURING FACILITIES OWNED AND OPERATED BY OTHER U.S. GOVERNMENT AGENCIES

Manufacturing operations of the Bureau of Mines, U.S. Department of Interior, are not included in the tables of this report. That agency is the primary producer of refined helium in the United States. During 1963, it operated five plants from which 627 million cubic feet of helium valued at \$21,945 thousand were shipped. The average number of employees totaled 639, of which 479 were production and related workers, and the total wages and salaries paid amounted to \$4,195 thousand. Comparable figures for other years as well as additional detail for production, shipments, consumption, prices, reserves, and activities relating to conservation and technology appear in the Minerals Yearbook, a publication of the Bureau of Mines.

Excluded from this report are the manufacturing activities of the Government Printing Office, the National Aeronautics and Space Administration, and the Tennessee Valley Authority. The operations of these agencies are covered in their annual reports. Also excluded are the minor manufacturing activities of such other government agencies as the Post Office Department and the General Services Administration.

TABLE 1. Department of Defense

Item	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs
GEOGRAPHIC AREA							
United States, total.....	230,646	1,691,651	155,300	1284,054	1,096,785	587,976	315,017
New England division.....	26,594	184,642	20,152	36,729	137,484	65,286	38,956
New Hampshire.....	8,825	61,396	6,950	12,628	48,418	21,078	5,519
Massachusetts.....	13,743	94,669	10,472	18,979	71,082	34,816	26,076
Rhode Island.....	3,193	21,921	2,504	4,707	16,405	5,575	7,361
Connecticut.....	833	6,656	226	415	1,579	3,817	-
Middle Atlantic division.....	49,190	353,850	32,068	57,851	219,217	124,306	58,689
New York.....	16,177	115,724	12,345	22,196	90,153	49,674	7,200
New Jersey.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409
Pennsylvania.....	25,873	181,386	16,849	30,463	111,035	57,701	32,080
East North Central division.....	13,633	99,994	9,189	17,307	67,532	51,137	10,661
Indiana.....	5,534	41,556	3,500	6,824	26,417	15,005	3,814
Illinois.....	8,099	58,438	5,689	10,483	41,115	36,132	6,847
West North Central division.....	27	171	15	26	79	5	32
Iowa.....	27	171	15	26	79	5	32
South Atlantic division.....	59,744	439,216	37,958	69,196	263,612	133,082	104,748
Maryland.....	18,726	142,542	7,408	13,156	49,544	52,530	46,788
District of Columbia.....	4,799	40,991	1,218	2,144	7,893	10,775	30,026
Virginia.....	19,113	137,586	15,307	28,067	109,601	39,476	15,075
North Carolina.....	1,734	12,068	1,538	2,837	10,568	2,208	2,278
South Carolina.....	7,167	49,144	5,569	10,113	38,661	14,969	4,009
Georgia.....	939	5,558	687	1,274	3,876	3,507	301
Florida.....	7,266	51,327	6,231	11,600	43,469	9,617	6,271
East South Central division.....	10,999	92,745	3,597	6,503	26,513	19,818	16,548
Kentucky.....	2,624	19,772	1,895	3,436	14,837	9,962	1,782
Alabama.....	8,375	72,973	1,702	3,067	11,676	9,856	14,766
West South Central division.....	3,816	21,601	2,983	5,297	16,082	13,196	3,158
Arkansas.....	1,333	8,003	800	1,352	4,258	5,892	2,170
Oklahoma.....	1,008	5,478	783	1,438	4,122	494	988
Texas.....	1,475	8,120	1,400	2,507	7,702	6,810	-
Mountain division.....	3,877	26,660	2,120	3,851	14,258	20,463	20,029
Colorado.....	849	5,971	583	1,124	4,045	14,544	7,097
New Mexico.....	442	3,990	24	40	158	658	7,678
Utah.....	2,586	16,699	1,513	2,687	10,055	5,261	5,254
Pacific division.....	62,766	472,772	47,218	87,294	352,008	160,683	62,196
Washington.....	10,055	72,879	7,887	14,449	55,401	34,175	6,121
California.....	47,886	363,037	35,440	65,799	267,543	113,737	53,883
Hawaii.....	4,825	36,856	3,891	7,046	29,064	12,771	2,192
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total.....	230,646	1,691,651	155,300	284,054	1,096,785	587,976	315,017
23 Apparel and related products.....	1,809	8,305	1,689	2,785	7,520	1,404	723
281 Basic chemicals.....	5,836	40,441	2,365	4,038	14,440	21,557	19,968
289 Miscellaneous chemical products.....	2,704	18,531	1,796	3,327	12,158	27,371	3,270
353 Construction and like equipment.....	300	1,867	255	451	1,607	154	200
366 Communication equipment.....	10,697	82,393	4,488	9,706	28,016	31,191	27,787
372 Aircraft and parts.....	34,471	246,883	28,644	53,226	202,616	46,420	45,822
373 Ship and boat building.....	94,687	691,574	76,294	138,616	560,645	253,367	45,337
382 Mechanical measuring devices.....	27	171	15	26	79	5	32
19 Ordnance and accessories.....	66,154	495,656	35,559	64,592	243,587	174,545	121,342
192 Missiles and ammunition, n.e.c.....	36,657	282,829	17,478	32,370	119,702	94,282	68,493
-- Research and development.....	13,961	105,830	4,195	7,287	26,117	31,962	50,536

Note: Includes manufacturing facilities, research and development activities, and manufacturing performed in supply depots. Not comparable to data shown in the 1958 Census publication "Manufacturing Activity in Government Establishments, MC58(s)-1."

- Represents zero.

Facilities: 1963

Item	Value of shipments or receipts for service by type of activity						Value added by manufacture
	(\$1,000)						
	Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenues	(\$1,000)
GEOGRAPHIC AREA							
United States, total.....	433,140	597,321	634,193	877,151	2,541,805	2,641,227	2,053,251
New England division.....	68,665	128,927	37,849	49,088	284,529	292,564	227,278
New Hampshire.....	598	70,895	1,012	7,240	79,745	90,501	69,423
Massachusetts.....	67,039	39,775	13,700	40,372	160,886	155,450	120,634
Rhode Island.....	1,028	18,257	11,568	1,476	32,329	35,044	29,469
Connecticut.....	-	-	11,569	-	11,569	11,569	7,752
Middle Atlantic division.....	119,240	153,105	144,178	144,092	560,615	547,217	422,911
New York.....	27,411	90,410	19,196	41,367	178,384	179,753	130,079
New Jersey.....	33,720	605	42,861	26,432	103,618	93,150	76,219
Pennsylvania.....	58,109	62,090	82,121	76,293	278,613	274,314	216,613
East North Central division.....	103,383	1,167	11,442	45,275	161,267	164,696	113,559
Indiana.....	30,749	-	8,129	18,834	57,712	61,261	46,256
Illinois.....	72,634	1,167	3,313	26,441	103,555	103,435	67,303
West North Central division.....	100	-	-	108	208	208	203
Iowa.....	100	-	-	108	208	208	203
South Atlantic division.....	69,618	28,122	261,648	289,827	649,215	688,420	555,338
Maryland.....	51,418	-	151,237	44,165	246,820	244,157	191,627
District of Columbia.....	-	-	80,628	2,838	83,466	81,918	71,143
Virginia.....	6,804	12,832	21,467	121,455	162,558	195,255	155,779
North Carolina.....	435	-	384	15,226	16,045	17,141	14,933
South Carolina.....	235	15,290	1,971	48,108	65,604	70,619	55,650
Georgia.....	7,184	-	285	429	7,898	9,212	5,705
Florida.....	3,542	-	5,676	57,606	66,824	70,118	60,501
East South Central division.....	19,016	-	36,051	82,616	137,683	129,616	109,798
Kentucky.....	19,016	-	600	11,452	31,068	31,550	21,588
Alabama.....	-	-	35,451	71,164	106,615	98,066	88,210
West South Central division.....	19,192	4,007	68	16,246	39,513	38,248	25,052
Arkansas.....	14,804	-	60	2,759	17,623	16,358	10,466
Oklahoma.....	2,618	-	8	4,334	6,960	6,960	6,466
Texas.....	1,770	4,007	-	9,153	14,930	14,930	8,120
Mountain division.....	22,475	-	22,600	23,316	68,391	67,386	46,923
Colorado.....	20,120	-	-	9,876	29,996	27,740	13,196
New Mexico.....	-	-	12,326	-	12,326	12,326	11,668
Utah.....	2,355	-	10,274	13,440	26,069	27,320	22,059
Pacific division.....	11,451	281,993	120,357	226,583	640,384	712,872	552,189
Washington.....	2,867	77,331	2,526	21,852	104,576	117,044	82,869
California.....	8,548	199,976	117,831	168,429	494,784	543,037	429,300
Hawaii.....	36	4,686	-	36,302	41,024	52,791	40,020
SIC CODES AND MAJOR ACTIVITY							
All manufacturing facilities, total	433,140	597,321	634,193	877,151	2,541,805	2,641,227	2,053,251
23 Apparel and related products.....	10,908	-	-	109	11,017	10,624	9,220
281 Basic chemicals.....	34,956	-	26,927	21,042	82,925	80,835	59,278
289 Miscellaneous chemical products.....	37,570	-	4,266	6,408	48,244	49,831	22,460
353 Construction and like equipment.....	-	-	-	2,221	2,221	2,221	2,067
366 Communication equipment.....	40,587	605	78,111	34,070	153,373	142,905	111,714
372 Aircraft and parts.....	12,985	64,540	62,948	185,520	325,993	342,270	295,850
373 Ship and boat building.....	7,318	525,451	18,019	352,900	903,688	1,021,847	768,480
382 Mechanical measuring devices.....	100	-	-	108	208	208	203
19 Ordnance and accessories.....	288,716	6,725	260,533	264,555	820,529	798,043	623,498
192 Missiles and ammunition, n.e.c.....	94,145	4,007	184,910	164,136	447,198	447,063	352,781
-- Research and development.....	-	-	183,389	10,218	193,607	192,443	160,481

TABLE 2. Department of Defense Facilities,

Geographic area	1963						
	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)	
	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs
United States, total.....	149,334	1,089,220	105,037	190,125	746,464	419,899	149,543
New England division.....	22,568	156,065	17,422	31,607	119,500	55,894	31,595
New Hampshire.....	8,825	61,396	6,950	12,628	48,418	21,078	5,519
Massachusetts.....	13,743	94,669	10,472	18,979	71,082	34,816	26,076
Middle Atlantic division.....	40,427	296,052	27,583	49,335	192,693	106,135	41,424
New York.....	14,744	108,884	11,689	21,226	86,720	47,981	7,200
New Jersey.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409
Pennsylvania.....	18,543	130,428	13,020	22,917	87,944	41,223	14,815
East North Central division.....	10,388	73,413	7,181	13,312	50,577	36,586	7,863
Indiana.....	2,589	16,842	1,747	3,280	11,069	608	1,216
Illinois.....	7,799	56,571	5,434	10,032	39,508	35,978	6,647
South Atlantic division.....	26,670	189,911	19,007	34,496	134,820	82,862	25,496
Maryland.....	6,658	46,998	3,068	5,485	20,235	34,117	17,440
District of Columbia.....	-	-	-	-	-	-	-
Virginia.....	11,906	88,211	9,683	17,624	72,048	30,269	3,746
South Carolina.....	7,167	49,144	5,569	10,113	38,661	14,969	4,009
Georgia.....	939	5,558	687	1,274	3,876	3,507	301
Florida.....	-	-	-	-	-	-	-
East South Central division.....	10,299	88,497	3,172	5,767	23,923	19,223	15,848
Kentucky.....	1,924	15,524	1,470	2,700	12,247	9,367	1,082
Alabama.....	8,375	72,973	1,702	3,067	11,676	9,856	14,766
West South Central division.....	2,341	13,481	1,583	2,790	8,380	6,386	3,158
Arkansas.....	1,333	8,003	800	1,352	4,258	5,892	2,170
Oklahoma.....	1,008	5,478	783	1,438	4,122	494	988
Mountain division.....	549	3,971	293	528	2,105	8,919	3,628
Colorado.....	549	3,971	293	528	2,105	8,919	3,628
Nevada.....	-	-	-	-	-	-	-
Pacific division.....	36,092	267,830	28,796	52,290	214,466	103,894	20,531
Washington.....	10,055	72,879	7,887	14,449	55,401	34,175	6,121
California.....	26,037	194,951	20,909	37,841	159,065	69,719	14,410

Note: Research and development activities, and manufacturing performed in supply depots are excluded, making 1963 data comparable to 1958.

- Represents zero.

TABLE 3. Department of Defense Facilities,

Major activity	1963									
	All employees (wage board and graded)		Production workers (wage board)			Costs (\$1,000)		Value of shipments or receipts for service by type of activity (\$1,000)		
	Number	Payroll (\$1,000)	Number	Man- Hours (1,000)	Wages (\$1,000)	Materials, supplies, and parts used	Contractual services and other costs	Manufac- ture and assembly	Construc- tion and con- version	Research and develop- ment
All manufacturing facilities, total.	149,334	1,089,220	105,037	190,125	746,464	419,899	149,543	370,249	524,088	172,716
23 Apparel and related products.....	1,809	8,305	1,689	2,785	7,520	1,404	723	10,908	-	-
281 Basic chemicals.....	5,836	40,441	2,365	4,038	14,440	21,557	19,968	34,956	-	26,927
289 Miscellaneous chemical products.....	2,704	18,531	1,796	3,327	12,158	27,371	3,270	37,570	-	4,266
366 Communication equipment.....	7,140	56,740	2,874	5,192	18,029	16,931	19,409	33,720	605	42,861
373 Ship and boat building.....	84,862	654,718	72,403	131,570	531,581	240,596	43,145	7,282	520,765	18,019
384 Personal safety devices.....	-	-	-	-	-	-	-	-	-	-
19 Ordnance and accessories.....	41,983	310,485	23,910	43,213	162,736	112,040	63,028	245,813	2,718	80,643
192 Missiles and ammunition, n.e.c.....	18,361	143,574	8,660	15,939	59,074	41,973	24,054	63,095	-	40,140

Note: Research and development activities, and manufacturing performed in supply depots are excluded, making 1963 data comparable to 1958.

- Represents zero.

by Geographic Areas: 1963 and 1958

Geographic area	1963--Continued						1958	
	Value of shipments or receipts for service by type of activity (\$1,000)						All employees (wage board and graded)	
	Manufacture and assembly	Construction and conversion	Research and development	Other receipts	Total billings	Total revenues	Number	Payroll (\$1,000)
United States, total.....	370,249	524,088	172,716	552,878	1,619,931	1,693,663	125,440	717,130
New England division.....	67,637	110,670	14,712	47,612	240,631	245,951	20,025	113,295
New Hampshire.....	598	70,895	1,012	7,240	79,745	90,501	7,390	41,486
Massachusetts.....	67,039	39,775	13,700	40,372	160,886	155,450	12,635	71,809
Middle Atlantic division.....	114,341	153,105	78,034	121,581	467,061	453,663	31,252	171,285
New York.....	27,411	90,410	14,310	37,399	169,530	170,899	15,040	87,009
New Jersey.....	33,720	605	42,861	26,432	103,618	93,150	1,915	10,595
Pennsylvania.....	53,210	62,090	20,863	57,750	193,913	189,614	14,297	73,681
East North Central division.....	79,516	1,167	4,667	34,650	120,000	119,880	4,219	23,607
Indiana.....	6,882	-	1,354	10,430	18,666	18,666	185	895
Illinois.....	72,634	1,167	3,313	24,220	101,334	101,214	4,034	22,712
South Atlantic division.....	52,792	28,122	34,300	144,951	260,165	302,191	26,555	143,624
Maryland.....	41,920	-	31,133	21,591	94,644	97,662	1,263	6,824
District of Columbia.....	-	-	-	-	-	-	5,266	29,002
Virginia.....	3,453	12,832	911	74,823	92,015	124,698	11,880	65,361
South Carolina.....	235	15,290	1,971	48,108	65,604	70,619	7,075	37,146
Georgia.....	7,184	-	285	429	7,898	9,212	702	3,338
Florida.....	-	-	-	-	-	-	369	1,953
East South Central division.....	18,473	-	36,051	77,616	132,140	124,073	7,192	52,047
Kentucky.....	18,473	-	600	6,452	25,525	26,007	1,737	9,890
Alabama.....	-	-	35,451	71,164	106,615	98,066	5,455	42,157
West South Central division.....	17,422	-	68	7,093	24,583	23,318	844	3,978
Arkansas.....	14,804	-	60	2,759	17,623	16,358	191	1,023
Oklahoma.....	2,618	-	8	4,334	6,960	6,960	653	2,955
Mountain division.....	15,802	-	-	3,100	18,902	16,646	1,251	6,500
Colorado.....	15,802	-	-	3,100	18,902	16,646	78	449
Nevada.....	-	-	-	-	-	-	1,173	6,051
Pacific division.....	4,266	231,024	4,884	116,275	356,449	407,941	34,102	202,794
Washington.....	2,867	77,331	2,526	21,852	104,576	117,044	10,942	63,373
California.....	1,399	153,693	2,358	94,423	251,873	290,897	22,160	139,421

by Type of Activity: 1963 and 1958

Major activity		1963--Continued			1958					Value added by manufac- ture (\$1,000)
		Value of shipments or receipts for service by type of activity--Continued (\$1,000)			All employees (wage board and graded)		Production workers (wage board)			
		Other receipts	Total billings	Total revenues	Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	
All manufacturing facilities, total.		552,878	1,619,931	1,693,663	125,440	717,130	93,871	173,833	531,587	799,239
23	Apparel and related products.....	109	11,017	10,624	2,513	9,515	2,212	4,308	7,937	10,501
281	Basic chemicals.....	21,042	82,925	80,835	269	1,472	222	440	1,249	1,655
289	Miscellaneous chemical products.....	6,408	48,244	49,831	1,160	6,188	789	1,394	3,980	7,500
366	Communication equipment.....	26,432	103,618	93,150	1,915	10,595	1,435	2,508	7,940	18,657
373	Ship and boat building.....	316,598	862,664	969,056	91,083	522,649	73,174	135,278	420,944	571,127
384	Personal safety devices.....	-	-	-	103	636	86	165	526	699
19	Ordnance and accessories.....	182,289	511,463	490,167	28,397	166,075	15,953	29,740	89,011	189,100
192	Missiles and ammunition, n.e.c.....	110,658	213,893	210,134	9,605	65,096	4,649	8,759	26,602	69,087

TABLE 4. Federal, District of Columbia, and State Prisons: 1963 and 1958

Product ¹	Unit of measure	Total shipments, including interplant transfers			
		1963		1958	
		Quantity	Value (\$1,000)	Quantity	Value (\$1,000)
Total.....		(X)	112,702	(X)	97,307
Meat products.....		(X)	5,696	(X)	5,893
Canned foods.....		(X)	4,725	(X)	4,608
Prepared animal feeds.....		(X)	2,588	(X)	1,129
Coffee and tea.....		(X)	795	(X)	1,171
Chewing and smoking tobacco.....		(X)	1,273	(X)	1,067
Blankets.....		(X)	2,275	(X)	1,506
Woven fabrics.....	1,000 lbs...	13,266	8,465	14,682	11,277
Cordage and twine.....	..do.....	13,812	1,862	15,334	2,707
Apparel and related products.....		(X)	14,966	(X)	12,364
Sheets and pillow cases.....		(X)	1,754	(X)	948
Canvas specialties.....		(X)	3,735	(X)	4,309
Mattresses.....		(X)	2,696	(X)	3,369
Wooden furniture.....		(X)	7,182	(X)	5,364
Printing and binding.....		(X)	3,324	(X)	2,317
Soaps.....		(X)	2,370	(X)	2,068
Paints.....		(X)	3,325	(X)	2,006
Shoes.....	1,000 prs...	1,143	6,327	1,030	5,674
Clay and concrete brick.....	1,000.....	15,915	212		264
Concrete block.....		(X)	418	(X)	
Motor vehicle license plates.....	1,000.....	97,796	11,481	94,004	10,899
Miscellaneous metal products.....		(X)	10,157	(X)	6,532
Brooms and brushes.....		(X)	4,859	(X)	4,178
Highway and road signs.....	1,000.....	1,659	6,931	1,340	3,693
Miscellaneous products.....		(X)	5,286	(X)	2,964

Note: Excludes agricultural products, road building, and other nonmanufacturing activities.

(X) Not applicable.

¹The products listed are classified within the Standard Industrial Classification System as follows:

SIC code	Product	SIC code	Product	SIC code	Product
201	Meat products	230	Apparel and related products	314	Shoes
203	Canned foods	239	Sheets and pillowcases	325	Clay and concrete brick
204	Prepared animal feeds	239	Canvas specialties	327	Concrete block
209	Coffee and tea	251	Mattresses	346	Motor vehicle license plates
213	Chewing and smoking tobacco	253	Wooden furniture	349	Miscellaneous metal products
221	Blankets	275	Printing and binding	398	Brooms and brushes
223	Woven fabrics	284	Soaps	399	Highway and road signs
229	Cordage and twine	285	Paints	900	Miscellaneous products

²Includes the following values reported separately in 1958, but for which separate data are not available in 1963: Dairy products, 202, \$1,807 thousand; flour, 204, \$276 thousand; miscellaneous textile products, 229, \$270 thousand; castings, 330, \$300 thousand; and farm equipment, 352, \$913 thousand.

Appendixes

Appendix A

COMPARABILITY OF CENSUSES OF MANUFACTURES IN TERMS OF THE VALUE ADDED MEASURE

It is doubtful whether any census could be kept fully comparable with one taken for an earlier period. Even if all systems of classification, such as the SIC, and definitions were identical and if the same procedures were employed in compiling the statistics, the changes in the structure of industry would introduce elements of noncomparableness. For example, a shift to the use of commercial services instead of the manufacturers' own labor force in performing some functions would affect the comparability of operating ratios such as output per man-hour associated with an industry.

The changes in definitions and procedures introduced in a census are described in the introductory text of the census volumes and historical data are revised where practical. (See Introductory text, Section 5.) Nevertheless, over long periods of time the comparableness of series will be significantly affected and the problems of revising historical data become difficult.

One way of displaying the problems connected with comparing the statistics from two censuses is to review the history of a single concept. For this example, value added by manufactures has been chosen. Currently, it is looked upon as the "best" additive measure of manufacturing activity provided by the census of manufactures. It is widely relied upon for comparative statistics by industry and by geographic location.

The phrase, "value added to materials by manufacturing processes," first appeared as a column heading in the census for 1904, where it was proposed as a measure suitable for comparing industries and areas. Earlier censuses had provided information on value of product and varying amounts of information on costs of materials, the two sets of figures which census analysts use to compute value added (table A). In connection with the census for 1869, costs of materials were subtracted from value of product for each industry but the difference, which was labeled "excess of product over materials," was used primarily to indicate variation among industries classified by the ratio of materials to employees and by the manner in which products were valued for census purposes.

This appendix was prepared by Frank H. Hanna, professor of economics, Duke University.

During the 19th century, interest centered chiefly in obtaining an aggregate which would reflect the growth of the American economy. In 1889, the subtraction of costs of materials from value of product was labeled, "net value of products." It was later criticized as a "statistical absurdity" unsuitable for measuring the growth of manufactures since the net value of products was made to appear less than the cost of materials. The census for 1899 proposed as a measure of growth the sum of "(1) the value of all raw materials which have entered this output; and (2) the entire value added to these raw materials by manufacturing processes," and, (3) the value of the partially fabricated materials imported "since their value is counted nowhere else."

The concern with the appropriate basis for the measurement of growth, and the desire to include within the measure all activities not explicitly included elsewhere, probably had its roots in the sparsity of available data. The census of manufactures was almost the only source of information on output and apparently there was a desire to make it as comprehensive as possible. It purported to cover output wherever it occurred—in factories, in the hand trades, in stores, and even in homes if the output was commercial—though the censuses for 1869 and later disclaimed an ability to obtain reliable statistics from the hand trades.

The census for 1899 devoted 77 pages of text to the emergence of a "factory system" and to formation of 185 "industrial combinations" or "trusts," consisting of 2,040 plants in 12 industrial groups and 36 States. All but eight of the "combinations" had been formed between 1890 and 1899. After 1899, the census was confined to the "factory system." Its frequency increased and emphasis shifted to the organization and structure of manufactures.

The formulation of net value of products as the sum of raw materials and value added had required that data be collected separately for raw materials and for fabricated materials and, as is shown in table A, data were obtained on many other expenses. The problem of allocating net value of products among industries and areas was discussed extensively in the census for 1899 but a satisfactory solution was not found. "Value added" was adopted, almost reluctantly, for this purpose in the census for 1904, but only the cost of materials consumed directly was subtracted from value of products to arrive at the value added used for that year. Materials consumed by the manufacturing process (e.g., mill supplies, fuels, etc.), but not embodied in the product, were not subtracted even though information on their magnitude was available in the census.

Table A.--Approaches to Value Added, Selected Census Years 1869 to 1958

[In millions of dollars. The entries are from the original reports for the years shown. Estimates adjusted for changes in the scope of manufactures are shown in table 1, General Summary. The exclusion of the hand trades and neighborhood operations from the 1899 census reduced the value added shown in this table by 44 percent; the adjustments for 1809 and later censuses were about 4 percent.]

Item ¹	1869	1899	1904	1909	1919	1939	1947	1958
1 Value of product ²	4,376	13,004	14,802	20,672	62,418	56,843	191,004	314,748
2 Cost of materials ³	*2,503	-	-	*11,497	*35,730	*30,255	*113,246	*168,424
3 Raw.....	-	2,389	*3,141	-	-	-	-	-
4 Partly manufactured.....	-	*4,634	*4,918	-	-	-	-	-
5 Mill supplies.....	(⁴)	-	63	(⁴)	(⁴)	-	-	-
6 Freight, materials.....	-	(⁵)	57	*76	(⁶)	-	-	-
7 Fuels.....	(⁴)	322	308	*570	*1,646	*850	*2,377	*2,830
8 Electricity.....	-	-	-	-	-	*465	*955	*2,224
9 Rent: power and heat.....	-	-	17	(⁵)	(⁵)	-	-	-
10 Contract work.....	-	171	145	179	464	*589	*(⁷)	*(⁷)
11 Rent: factory and works.....	-	96	73	107	212	-	-	⁸ 1,411
12 Taxes paid.....	-	-	-	-	2,079	-	-	-
13 Federal excise.....	-	(⁹)	(⁹)	263	(¹⁰)	-	(⁷)	(⁷)
14 State and local.....	-	47	59	88	(¹⁰)	-	-	⁸ 1,450
15 Other expenses ¹¹	-	714	1,178	1,309	-	-	-	-
Ordinary repairs:								
16 Wages and salaries of plant.....	-	-	-	-	-	-	-	⁸ 4,539
17 Purchased services.....	-	-	-	-	-	-	-	⁸ 4,472
Supplements to wages and salaries:								
18 Social security.....	-	-	-	-	-	-	-	⁸ 1,335
19 Workmen's compensation.....	-	-	-	-	-	-	-	⁸ 501
20 Unemployment compensation...	-	-	-	-	-	-	-	⁸ 762
21 Pensions and other.....	-	-	-	-	-	-	-	⁸ 3,376
22 Insurance.....	-	-	-	-	-	-	-	⁸ 667
23 Depreciation.....	-	-	-	-	-	-	-	⁸ 7,295
24 Cost of goods resold.....	-	-	-	-	-	-	(¹²)	*(¹²)
25 Value added by manufacture ¹³ ..	1,873	8,371	6,743	8,529	25,042	24,683	74,426	141,270

*Subtracted from value of product in computing value added by manufacture.

- Represents zero.

¹Includes only items named in a request for separate information.

²For 1947, value of shipments; for 1958, value of shipments and miscellaneous receipts, sales of goods bought and resold without further manufacture, and changes in inventories of work in process and finished goods.

³Includes all materials consumed in the manufacture of products plus an increasingly comprehensive list of supplies consumed currently in the operation of the plant.

⁴Specifically mentioned as included in item 2, but not shown separately.

⁵Obtained separately but combined with item 7 for publication.

⁶Information requested but no mention of it was found in publication.

⁷Excluded from value of product and, thus, from value added. Data on excise taxes were obtained for 1947 and published as a memorandum item in the tables for industry, but have not been requested since 1947.

⁸Data were obtained in a sample survey conducted in connection with the census for 1958 and relate to 1957.

⁹Specifically mentioned as included in item 15.

¹⁰Items 13 and 14 were combined and requested as item 12.

¹¹The instructions for 1899 and 1904 requested the inclusion of the following expenses: Federal excise taxes, rent of office and buildings, interest paid, insurance premiums paid, advertising, ordinary repairs of buildings and machinery, all other sundries. The instructions for 1909 modified this list by requesting the separate reporting of Federal excise taxes, dropping interest paid, and adding traveling expenses, royalties, use of patents.

¹²Published only for individual industries; total not shown for all industries.

¹³For 1869, labeled, "excess of value over materials;" for 1899, labeled, "net value of product."

The chief concern of those first deciding upon the appropriate definition of value added was to circumvent the problem discussed in most censuses under the heading, "Duplication in cost of materials and value of products." To them, it *must* have seemed undesirable to subtract from value of products anything not essential to reduce "duplication" to manageable proportions. The considerations which went into the decisions to subtract additional costs from value of products are incompletely recorded, but there is no doubt that such decisions were taken. By 1909, mill supplies and fuels, including rented heat and power, were subtracted. To this list were added purchased electricity in 1929, and the cost of contract work, partially in 1935, and fully in 1939. Beginning with the 1947 Census of Manufactures, Federal excise taxes were excluded from value of shipments and thus from value added by manufacture. In a special table in the 1954 Census of Manufactures (Volume 1, General Summary, table 2B), the concept of adjusted value added was introduced. Value added by resales was added to standard value added by manufacture and the total further adjusted by the change in finished products and work-in-process inventories. During the 1955 to 1959 Annual Surveys of Manufactures, both adjusted and unadjusted value added were calculated for each industry. Since the 1958 census, only adjusted value added has been used.

While there was an increase in the range of costs subtracted from value of product in arriving at value added since 1869, there was also a curtailment of the *detailed information* obtained on costs. Why some items were dropped is not known precisely but *perhaps* the following information is relevant. The census reports contain testimony that difficulty had been experienced in collecting data on costs or expenses and that respondents had

complained about the burden of providing such information. The reports also contain statements, with increasing emphasis, that *profits* could not be calculated from published figures; such statements also appear in the reports for 1899 and 1904, the years when maximum detail was requested. There may have been more effort by the Census Bureau to obtain data essential to a "key" measure, such as value added, than there was for data to be presented only as supplementary information. Too, the introduction, in 1921, of the biennial census of manufactures, coupled with uncertain and fluctuating appropriations, may have led to the adoption of a policy to concentrate on a minimum number of key measures. The appropriations for the census for 1933, for example, were too small even to cover the key measures.

It is not clear whether the inclusion of fuels and electricity in the value to be subtracted from value of product was simply to reduce "duplication" within the manufacturing sector or is evidence of a growing awareness of the contribution of other sectors to the value of manufactured product, a contribution that must be subtracted to arrive at value added by *manufacture*. During the opening decades of this century, coke and manufactured gas had a larger share of the fuels market and much of the electricity consumed by manufactures was produced in manufacturing plants. On the other hand, a continuous attempt was made from the early censuses to exclude transportation costs from the value of products and value added, by requesting that products be valued f.o.b. the plant and that materials costs include the cost of transporting them to the plant. Item 6, table A, was provided as "correction" to costs of materials which were reported exclusive of delivery costs.

Appendix B

INDUSTRY DESCRIPTIONS

This appendix is included in Volume I, Summary and Subject Statistics, and in Volume III, Area Statistics, but has been omitted from this volume. The appendix shows the industry descriptions and the primary product coverage and specialization ratios for each industry. Similar but more extensive information of this type is contained elsewhere in this volume: Industry descriptions are shown in the text preceding the tables for each industry, and the ratios in table 5A for each industry.

Appendix C

COMPOSITION OF INDUSTRIES IN THE 1963 STANDARD INDUSTRIAL CLASSIFICATION

The 1963 and 1958 Censuses of Manufactures covered all establishments primarily engaged in manufacture as defined in the revised edition of the **Standard Industrial Classification Manual** (SIC), issued by the Bureau of the Budget. For 1958, the published census statistics were for the manufacturing industries as defined in the 1957 edition of the SIC Manual. For 1963, statistics are for the manufacturing industries as defined in an amended version of the 1957 edition.

The 1957 revised edition of the classification represented a considerable revision from the previously existing structure. Several appendixes in the published volumes of the 1958 Census of Manufactures dealt with the contents of that revision as it affected the manufacturing sector. (See 1958 Appendix A, "Notes on Comparability of 1954 and 1958 Data for Selected Industries and Industry Groups;" Appendix B, "Industry Descriptions;" and Appendix C, "Composition of Industries in the New SIC.") Several appendixes to the 1963 Census of Manufactures volumes, including this appendix, likewise make reference to the relatively minor revisions of the SIC following the issuance of the 1957 revised edition.

Presented in two parts, this appendix traces, in part 1, the industries as defined for 1963 in terms of their 1958 counterparts and, in part 2, the industries as defined for 1958 in terms of their 1963 equivalents. Where no change in code or definition occurred, the short industry title and 4-digit code apply to both census years. Most of the industries fall into this category. Where change occurred, the title for a line showing only a 1958 code is a 1958 title and that for a line showing only a 1963 code, a 1963 title. In these instances of change in the SIC (a new industry

broken out of an existing industry, existing industries combined into one, or products shifted between existing industries) the relationship between the two periods is clarified by the manner of presentation. For example, in part 2, in the columns under "Industry code," the 1958 SIC industry 2025, "Special Dairy Products," is shown as part of 1963 industry 2022, "Natural and Process Cheese." This situation, that is, being part of an industry in the other year, is notated by an asterisk (*). Part 2 also indicates that 1958 industry 2022, "Natural Cheese," is likewise a part of 1963 industry 2022. Part 1 shows that, for 1963, industry 2022 encompasses 1958 industries 2022 and 2025. Thus, to determine comparability between the years, parts 1 and 2 of this appendix should be studied together. In both parts, 1963 data shown are for the following items: Number of establishments (total and those with 20 employees or more); employment; and value added by manufacture.

The manner of coding products and classifying establishments in the 1963 Census of Manufactures (utilizing only 1963 SIC codes) did not, in general, permit a tabulation of 1963 data in terms of 1958 industry definitions. Thus, in part 2 it was not possible to show the data for that part of 1963 industry 2022 which is equivalent to 1958 industry 2025. However, where the change in industry definition between the two years was such as to subdivide an old SIC industry into two new industries, the 1963 data for the former industry can be derived by summing the figures for the component parts; e.g., the 1958 industry 2649, "Paper and Board Products, N.E.C.," consists of the 1963 industries 2647 and 2649, and totals for 2647 and 2649 are added together in part 2 to show their 1958 SIC industry equivalent.

Manufacturing industry codes used by the Bureau of the Census are identical to the SIC industry codes, with a single exception: SIC industries 3711 (Motor Vehicles), 3712 (Passenger Car Bodies), and 3714 (Motor Vehicle Parts and Accessories) are combined by Census into a single industry, number 3717, entitled "Motor Vehicles and Parts."

Composition of Industries in the 1963 SIC

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
2011	2011	Meat slaughtering plants.....	2,992	976	180,873	1,908,309
2013	2013	Meat processing plants.....	1,341	483	48,599	563,362
2015	2015	Poultry dressing plants.....	967	559	70,104	410,909
2021	2021	Creamery butter.....	766	178	11,992	132,665
2022	----	Natural and process cheese.....	1,138	206	17,956	179,750
2022	2022	Natural cheese.....	1,138	206	17,956	179,750
2025	2025	Special dairy products.....				
2023	2023	Condensed and evaporated milk.....	281	166	12,255	236,250
2024	2024	Ice cream and frozen desserts.....	1,081	387	29,143	433,006
2026	2026	Fluid milk.....	4,619	1,948	185,050	2,203,196
2031	2031	Canned and cured seafoods.....	405	196	17,271	174,634
2032	2032	Canned specialties.....	173	77	25,156	540,835
2033	2033	Canned fruits and vegetables.....	1,430	836	102,388	1,029,467
2034	2034	Dehydrated foods products.....	176	80	9,152	115,795
2035	2035	Pickles, sauces, salad dressings.....	588	184	19,041	249,397
2036	2036	Fresh or frozen packaged fish.....	547	255	20,066	118,451
2037	2037	Frozen fruits and vegetables.....	650	346	51,750	550,231
2041	2041	Flour mills.....	618	218	22,405	373,090
2042	2042	Prepared animal feeds.....	2,590	711	54,649	983,691
2043	2043	Cereal preparations.....	48	30	11,358	365,022
2044	2044	Rice milling.....	74	49	4,256	80,507
2045	2045	Blended and prepared flour.....	165	60	7,199	177,826
2046	2046	Wet corn milling.....	60	20	13,236	290,918
2051	2051	Bread and related products.....	5,010	1,904	236,984	2,403,782
2052	2052	Biscuit, crackers and cookies.....	356	208	43,160	627,040
2061	2061	Raw cane sugar.....	74	73	8,263	135,686
2062	2062	Cane sugar refining.....	25	25	12,443	254,418
2063	2063	Beet sugar.....	65	62	11,297	200,698
2071	2071	Confectionery products.....	1,211	411	63,643	635,393
2072	2072	Chocolate and cocoa products.....	28	23	8,743	184,796
2073	2073	Chewing gum.....	24	17	5,558	135,848
2082	2082	Malt liquors.....	222	180	62,643	1,286,036
2083	2083	Malt.....	42	31	1,925	43,979
2084	2084	Wines and brandy.....	222	70	6,111	137,281
2085	2085	Distilled liquor, except brandy.....	107	89	18,009	623,736
2086	2086	Bottled and canned soft drinks.....	3,905	1,530	106,850	1,233,629
2087	2087	Flavorings.....	520	97	9,083	400,173
2091	2091	Cottonseed oil mills.....	188	153	8,372	100,815
2092	2092	Soybean oil mills.....	102	71	6,478	152,143
2093	2093	Vegetable oil mills, n.e.c.....	47	22	1,952	42,692
2094	----	Animal and marine fats and oils.....	615	211	14,276	193,326
2094	2094	Grease and tallow.....	615	211	14,276	193,326
2095	2095	Animal oils, n.e.c.....				
2095	----	Roasted coffee.....	324	133	17,175	616,407
2099*	2099*	Food preparations, n.e.c.....	324	133	17,175	616,407
2096	2096	Shortening and cooking oils.....	115	86	13,511	264,501
2097	2097	Manufactured ice.....	1,199	135	10,757	90,204
2098	2098	Macaroni and spaghetti.....	221	70	7,270	96,012
2099	----	Food preparations, n.e.c.....	2,190	547	54,277	849,610
2099*	2099*	Food preparations, n.e.c.....	2,190	547	54,277	849,610
2111	2111	Cigarettes.....	14	14	35,568	1,310,325
2121	2121	Cigars.....	193	82	20,731	192,998
2131	2131	Chewing and smoking tobacco.....	51	25	4,058	73,975
2141	2141	Tobacco stemming and redrying.....	136	110	16,973	103,296
2211	2211	Weaving mills, cotton.....	407	350	208,993	1,256,753
2221	2221	Weaving mills, synthetics.....	355	300	88,157	661,535
2231	2231	Weaving, finishing mills, wool.....	361	249	47,429	386,622
2241	2241	Narrow fabric mills.....	384	215	23,154	172,493

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
2251	----	Women's hosiery, except socks.....	409	266	50,869	292,644
	2251	Full-fashioned hosiery mills.....	409	266	50,869	292,644
	2252*	Seamless hosiery mills.....				
2252	----	Hosiery, n.e.c.....	530	340	43,998	195,867
	2252*	Seamless hosiery mills.....	530	340	43,998	195,867
2253	2253	Knit outerwear mills.....	1,185	666	68,570	463,585
2254	2254	Knit underwear mills.....	118	104	28,364	170,709
2256	2256	Knit fabric mills.....	518	243	25,046	252,908
2259	2259	Knitting mills, n.e.c.....	88	45	3,639	20,309
2261	2261	Finishing plants, cotton.....	238	140	42,055	332,290
2262	2262	Finishing plants, synthetic.....	205	138	19,528	176,819
2269	2269	Finishing plants, n.e.c.....	178	85	9,236	73,159
2271	2271	Woven carpets and rugs.....	64	31	13,357	120,004
2272	2272	Tufted carpets and rugs.....	181	121	19,854	259,343
2279	2279	Carpets and rugs, n.e.c.....	104	35	2,445	15,595
2281	2281	Yarn mills, except wool.....	317	284	61,647	363,177
2282	2282	Throwing and winding mills.....	180	110	13,559	93,649
2283	2283	Wool yarn mills.....	144	121	17,385	119,718
2284	2284	Thread mills.....	71	36	10,056	75,821
2291	2291	Felt goods, n.e.c.....	36	30	4,952	58,625
2292	2292	Lace goods.....	152	51	4,912	31,472
2293	2293	Padding and upholstery filling.....	183	73	6,932	65,588
2294	2294	Processed textile waste.....	141	59	4,240	30,961
2295	2295	Coated fabric, not rubberized.....	161	86	13,475	177,307
2296	2296	Tire cord and fabric.....	20	19	9,163	72,267
2297	2297	Scouring and combing plants.....	69	38	5,798	45,402
2298	2298	Cordage and twine.....	167	76	8,920	57,614
2299	2299	Textile goods, n.e.c.....	137	56	7,283	78,746
2311	2311	Men's and boys' suits and coats.....	1,112	635	122,679	831,910
2321	2321	Men's dress shirts and nightwear.....	834	566	113,193	601,620
2322	2322	Men's and boys' underwear.....	80	63	12,084	63,186
2323	2323	Men's and boys' neckwear.....	341	117	8,385	58,136
2327	2327	Separate trousers.....	735	423	73,848	383,134
2328	2328	Work clothing.....	439	353	62,477	330,653
2329	2329	Men's and boys' clothing, n.e.c.....	554	365	35,917	183,224
2331	2331	Women's blouses.....	1,175	718	57,595	300,525
2335	2335	Women's dresses.....	4,752	3,013	200,003	1,180,883
2337	2337	Women's suits, coats and skirts.....	2,516	1,380	88,332	637,869
2339	2339	Women's outerwear, n.e.c.....	1,297	709	59,536	340,462
2341	2341	Women's and children's underwear.....	1,069	628	76,723	430,771
2342	2342	Corsets and allied garments.....	351	234	37,144	310,150
2351	2351	Millinery.....	711	221	14,183	93,168
2352	2352	Hats and caps.....	436	173	16,608	91,277
2361	2361	Children's dresses and blouses.....	667	412	35,792	205,623
2363	2363	Children's coats and suits.....	285	152	11,848	72,735
2369	2369	Children's outerwear, n.e.c.....	624	360	34,244	188,344
2371	2371	Fur goods.....	1,591	94	9,289	110,619
2381	2381	Fabric dress and work gloves.....	197	103	12,771	64,372
2384	2384	Robes and dressing gowns.....	271	144	11,889	68,717
2385	2385	Waterproof outer garments.....	341	196	16,148	111,342
2386	2386	Leather and sheepskin clothing.....	114	50	3,352	23,351
2387	2387	Apparel belts.....	389	141	9,841	62,172
2389	2389	Apparel, n.e.c.....	270	108	7,225	43,211
2391	2391	Curtains and draperies.....	1,121	255	21,955	131,995
2392	2392	Housefurnishings, n.e.c.....	1,239	422	39,690	285,759
2393	2393	Textile bags.....	192	88	7,191	56,523
2394	2394	Canvas products.....	881	124	11,170	73,534
2395	2395	Pleating and stitching.....	1,316	245	16,353	95,240
2396	2396	Apparel findings.....	756	213	24,539	227,810
2397	2397	Schiffli machine embroideries.....	759	68	6,145	55,411
2399	2399	Textile products, n.e.c.....	1,044	240	21,350	145,153

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
2411	2411	Logging camps and contractors.....	13,588	557	73,130	520,457
2421	2421	Sawmills and planing mills.....	12,189	2,151	207,365	1,376,080
2426	2426	Hardwood dimension and flooring.....	642	317	28,128	155,083
2429	2429	Special product sawmills, n.e.c.....	541	107	7,164	41,355
2431	2431	Millwork plants.....	3,770	748	65,283	524,041
2432	2432	Veneer and plywood plants.....	641	503	66,155	559,211
2433	2433	Prefabricated wood products.....	559	203	15,806	156,593
2441	2441	Nailed wooden boxes and shook.....	663	183	14,483	85,046
2442	2442	Wirebound boxes and crates.....	117	70	9,893	55,606
2443	2443	Veneer and plywood containers.....	99	44	3,953	16,086
2445	2445	Cooperage.....	107	23	2,616	17,494
2491	2491	Wood preserving.....	338	157	11,178	93,265
2499	----	Wood products, n.e.c.....	2,896	702	57,981	420,283
2499	2499	Wood products, n.e.c.....	2,896	702	57,981	420,283
2661*	2661*	Building paper and board mills.....	2,896	702	57,981	420,283
2511	2511	Wood furniture, not upholstered.....	3,063	992	140,982	993,200
2512	2512	Wood furniture, upholstered.....	1,785	713	67,850	506,727
2514	2514	Metal household furniture.....	517	244	29,346	247,003
2515	2515	Mattresses and bedsprings.....	1,120	340	30,061	285,510
2519	2519	Household furniture, n.e.c.....	75	30	2,054	15,054
2521	2521	Wood office furniture.....	138	58	6,516	57,018
2522	2522	Metal office furniture.....	170	107	19,928	228,329
2531	2531	Public building furniture.....	430	165	17,317	147,253
2541	2541	Wood partitions and fixtures.....	1,594	347	24,343	219,194
2542	2542	Metal partitions and fixtures.....	513	167	20,290	214,301
2591	2591	Venetian blinds and shades.....	717	59	10,102	88,905
2599	2599	Furniture and fixtures, n.e.c.....	356	91	7,540	65,871
2611	2611	Pulp mills.....	45	40	15,123	295,804
2621	2621	Paper mills, except building.....	325	313	129,848	1,857,203
2631	2631	Paperboard mills.....	271	259	63,398	1,186,224
2641	2641	Paper coating and glazing.....	387	181	31,983	457,367
2642	2642	Envelopes.....	230	173	20,728	188,963
2643	2643	Bags, except textile bags.....	586	297	42,343	369,685
2644	2644	Wallpaper.....	79	31	2,194	20,907
2645	2645	Die cut paper and board.....	425	156	15,135	183,185
2646	2646	Pressed and molded pulp goods.....	59	42	5,720	70,006
2647	----	Sanitary paper products.....	119	77	19,108	369,711
2649*	2649*	Paper and board products, n.e.c.....	119	77	19,108	369,711
2649	----	Converted paper products, n.e.c.....	610	239	29,514	302,546
2649*	2649*	Paper and board products, n.e.c.....	610	239	29,514	302,546
2651	2651	Folding paperboard boxes.....	636	418	51,291	476,866
2652	2652	Set-up paperboard boxes.....	503	317	20,459	131,688
2653	2653	Corrugated shipping containers.....	923	651	83,229	804,012
2654	2654	Sanitary food containers.....	186	144	32,879	402,211
2655	2655	Fiber cans, tubes, drums, etc.....	246	137	13,188	126,196
2661	----	Building paper and board mills.....	83	77	11,874	153,103
2661*	2661*	Building paper and board mills.....	83	77	11,874	153,103
2711	2711	Newspapers.....	8,331	1,865	306,439	3,201,872
2721	2721	Periodicals.....	2,630	402	67,730	1,349,030
2731	2731	Books, publishing and printing.....	993	256	46,812	995,736
2732	2732	Book printing.....	683	275	36,101	358,294
2741	2741	Miscellaneous publishing.....	1,374	177	22,551	252,932
2751	2751	Printing, except lithographic.....	12,109	1,404	170,215	1,578,275
2752	2752	Printing, lithographic.....	6,822	1,339	121,072	1,302,046
2753	2753	Engraving and plate printing.....	580	105	9,022	80,748
2761	2761	Manifold business forms.....	502	250	28,796	377,710
2771	2771	Greeting card manufacturing.....	257	93	21,535	204,608

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
2782	2782	Blank books; looseleaf binders.....	410	158	17,899	168,465
2789	2789	Bookbinding and related work.....	1,043	311	24,338	172,298
2791	2791	Typesetting.....	1,289	282	20,997	205,450
2793	2793	Photoengraving.....	883	218	14,620	171,796
2794	2794	Electrotyping and stereotyping.....	184	80	5,116	57,173
2812	2812	Alkalies and chlorine.....	38	37	19,652	389,243
2813	2813	Industrial gases.....	456	146	9,809	260,182
2814	2814	Cyclic (coal tar) crudes.....	36	17	1,636	35,103
2815	2815	Intermediate coal tar products.....	141	84	26,089	570,234
2816	2816	Inorganic pigments.....	96	49	11,544	286,407
2818	2818	Organic chemicals, n.e.c.....	464	241	85,492	2,727,450
2819	2819	Inorganic chemicals, n.e.c.....	674	323	82,430	1,902,563
2821	2821	Plastics materials and resins.....	509	256	61,366	1,202,349
2822	2822	Synthetic rubber.....	24	24	11,840	329,520
2823	2823	Cellulosic man-made fibers.....	19	19	30,086	411,529
2824	2824	Organic fibers, noncellulosic.....	25	24	41,421	922,001
2831	2831	Biological products.....	113	40	5,789	60,377
2833	2833	Medicinals and botanicals.....	138	42	8,128	151,297
2834	2834	Pharmaceutical preparations.....	1,011	319	85,084	2,595,657
2841	2841	Soap and other detergents.....	704	172	30,794	1,137,425
2842	2842	Polishes and sanitation goods.....	1,101	173	16,332	420,440
2843	2843	Surface active agents.....	148	59	4,108	75,698
2844	2844	Toilet preparations.....	707	183	34,338	1,232,883
2851	-----	Paints and allied products.....	1,788	654	61,267	1,111,681
	2851	Paints and varnishes.....	1,788	654	61,267	1,111,681
	2852	Putty and caulking compounds.....				
2861	2861	Gum and wood chemicals.....	246	53	6,787	100,329
2871	2871	Fertilizers.....	281	199	19,992	287,800
2872	2872	Fertilizers, mixing only.....	733	232	13,752	164,140
2879	-----	Agricultural chemicals, n.e.c.....	340	112	9,090	176,333
	2873	Agricultural pesticides.....	340	112	9,090	176,333
	2879	Agricultural chemicals, n.e.c.....				
2891	2891	Glue and gelatin.....	368	104	8,521	147,006
2892	2892	Explosives.....	68	47	14,814	165,733
2893	2893	Printing ink.....	348	103	8,455	125,138
2895	2895	Carbon black.....	33	31	3,010	91,752
2899	-----	Chemical preparations, n.e.c.....	1,384	242	25,788	505,868
	2894	Fatty acids.....	12	(NA)	1,711	36,473
	2899	Chemical preparations, n.e.c.....	1,372	(NA)	24,077	469,395
2911	2911	Petroleum refining.....	427	297	119,297	3,137,603
2951	2951	Paving mixtures and blocks.....	762	127	9,680	165,584
2952	2952	Asphalt felts and coatings.....	230	140	14,581	189,981
2992	2992	Lubricating oils and greases.....	353	108	8,433	199,074
2999	2999	Petroleum and coal products, n.e.c.....	67	17	1,495	20,989
3011	3011	Tires and inner tubes.....	155	96	85,259	1,321,712
3021	3021	Rubber footwear.....	53	46	29,147	216,959
3031	3031	Reclaimed rubber.....	13	13	2,010	27,378
3069	3069	Rubber products, n.e.c.....	1,173	620	132,228	1,427,022
3079	3079	Plastic products, n.e.c.....	4,334	1,674	166,315	1,660,882
3111	3111	Leather tanning and finishing.....	525	256	31,417	273,092
3121	3121	Industrial leather belting.....	83	23	2,870	32,915
3131	3131	Footwear cut stock.....	446	204	14,339	90,611
3141	3141	Shoes, except rubber.....	1,040	815	201,728	1,214,740
3142	3142	House slippers.....	153	97	11,039	64,555
3151	3151	Leather gloves.....	166	87	7,718	32,194
3161	3161	Luggage.....	379	145	16,409	112,796
3171	3171	Handbags and purses.....	545	262	24,548	142,554
3172	3172	Small leather goods.....	340	117	12,432	82,385
3199	3199	Leather goods, n.e.c.....	370	67	4,989	32,730

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
3211	3211	Flat glass.....	31	30	22,815	364,466
3221	3221	Glass containers.....	113	105	59,987	629,608
3229	3229	Pressed and blown glass, n.e.c.....	107	95	37,999	472,212
3231	3231	Products of purchased glass.....	1,044	249	26,158	309,734
3241	3241	Cement, hydraulic.....	188	179	34,863	785,681
3251	3251	Brick and structural tile.....	512	400	28,620	216,548
3253	3253	Ceramic wall and floor tile.....	90	64	12,795	110,571
3255	3255	Clay refractories.....	150	109	11,431	118,248
3259	3259	Structural clay products, n.e.c.....	164	108	12,188	108,442
3261	3261	Vitreous plumbing fixtures.....	49	43	9,280	101,502
3262	3262	Vitreous china food utensils.....	31	21	6,314	42,504
3263	3263	Fine earthenware food utensils.....	21	18	7,349	41,046
3264	3264	Porcelain electrical supplies.....	79	49	10,170	90,001
3269	3269	Pottery products, n.e.c.....	458	98	9,085	62,107
3271	3271	Concrete block and brick.....	1,841	367	23,759	245,525
3272	3272	Other concrete products.....	3,451	716	52,297	539,967
3273	3273	Ready mixed concrete.....	4,621	1,021	71,523	981,997
3274	3274	Lime.....	125	68	6,778	95,135
3275	3275	Gypsum products.....	122	72	11,491	259,659
3281	3281	Cut stone and stone products.....	893	211	18,340	131,465
3291	3291	Abrasive products.....	378	149	28,170	416,415
3292	3292	Asbestos products.....	124	84	19,516	269,067
3293	3293	Gaskets and insulations.....	295	111	16,825	160,734
3295	3295	Minerals, ground or treated.....	415	97	7,330	102,079
3296	3296	Mineral wool.....	123	67	14,733	206,846
3297	3297	Nonclay refractories.....	93	68	8,572	129,139
3299	3299	Nonmetallic products, n.e.c.....	320	56	5,471	53,289
3312	3312	Blast furnaces and steel mills.....	288	247	500,550	7,506,433
3313	3313	Electrometallurgical products.....	36	30	10,437	145,503
3315	3315	Steel wire drawing, etc.....	200	133	21,280	253,009
3316	3316	Cold finishing of steel shapes.....	81	68	13,700	223,977
3317	3317	Steel pipe and tube.....	141	115	22,882	295,242
3321	3321	Gray iron foundries.....	1,139	767	120,528	1,168,478
3322	3322	Malleable iron foundries.....	81	71	22,297	204,557
3323	3323	Steel foundries.....	267	220	56,810	586,914
3331	3331	Primary copper.....	33	33	14,949	285,510
3332	3332	Primary lead.....	10	10	2,578	24,876
3333	3333	Primary zinc.....	18	18	8,065	98,789
3334	3334	Primary aluminum.....	23	22	18,133	499,576
3339	3339	Primary nonferrous metals, n.e.c.....	35	26	5,064	103,830
3341	3341	Secondary nonferrous metals.....	459	179	15,445	228,190
3351	3351	Copper rolling and drawing.....	112	92	38,949	478,393
3352	3352	Aluminum rolling and drawing.....	212	153	54,263	721,171
3356	3356	Rolling and drawing, n.e.c.....	125	67	17,375	250,589
3357	3357	Nonferrous wire drawing, etc.....	299	227	56,418	677,535
3361	3361	Aluminum castings.....	954	321	36,216	343,863
3362	3362	Brass, bronze, copper castings.....	549	193	15,341	144,092
3369	3369	Nonferrous castings, n.e.c.....	391	165	17,686	168,530
3391	3391	Iron and steel forgings.....	272	189	36,317	395,302
3392	3392	Nonferrous forgings.....	34	19	6,297	71,378
3399	3399	Primary metal industries, n.e.c.....	754	218	14,956	192,250
3411	3411	Metal cans.....	270	206	53,245	830,515
3421	3421	Cutlery.....	161	67	11,837	213,998
3423	3423	Hand and edge tools.....	716	255	31,480	364,265
3425	3425	Hand saws and saw blades.....	76	42	5,095	65,634
3429	3429	Hardware, n.e.c.....	1,070	447	88,729	1,069,080
3431	3431	Metal plumbing fixtures.....	81	45	11,011	139,859

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
3432	3432	Plumbing fittings, brass goods.....	250	102	15,129	154,752
3433	3433	Heating equipment, except electric.....	648	280	42,020	495,652
3441	3441	Fabricated structural steel.....	1,718	817	85,423	814,805
3442	3442	Metal doors, sash, and trim.....	1,817	628	62,799	570,370
3443	3443	Boiler shop products.....	1,383	601	75,018	770,064
3444	3444	Sheet metal work.....	3,250	755	61,651	632,384
3446	----	Architectural metal work.....	1,334	173	15,587	148,763
	3449*	Miscellaneous metal work, n.e.c.....	1,334	173	15,587	148,763
3449	----	Miscellaneous metal work, n.e.c.....	697	246	24,992	283,427
	3449*	Miscellaneous metal work, n.e.c.....	697	246	24,992	283,427
3451	3451	Screw machine products.....	1,874	516	36,909	358,961
3452	3452	Bolts, nuts, rivets and washers.....	573	323	57,618	695,276
3461	3461	Metal stampings.....	2,574	1,116	132,179	1,368,993
3471	3471	Plating and polishing.....	3,023	677	44,962	370,202
3479	3479	Metal coating, engraving, etc.....	1,258	276	20,669	184,546
3481	3481	Fabricated wire products, n.e.c.....	1,567	557	55,514	539,137
3491	3491	Metal barrels, drums, and pails.....	145	93	10,508	119,617
3492	3492	Safes and vaults.....	32	15	3,346	56,223
3493	3493	Steel springs.....	96	49	6,287	69,305
3494	3494	Valves and pipe fittings.....	646	374	80,407	942,700
3496	3496	Collapsible tubes.....	24	19	3,984	30,562
3497	3497	Metal foil and leaf.....	67	40	4,981	63,486
3498	3498	Fabricated pipe and fittings.....	349	146	13,007	144,598
3499	3499	Fabricated metal products, n.e.c.....	1,277	346	28,302	299,326
3511	3511	Steam engines and turbines.....	22	21	30,917	379,875
3519	3519	Internal combustion engines.....	143	81	55,687	733,628
3522	3522	Farm machinery and equipment.....	1,568	558	112,614	1,328,381
3531	3531	Construction machinery.....	617	305	104,520	1,301,266
3532	3532	Mining machinery and equipment.....	204	93	16,910	215,406
3533	3533	Oilfield machinery.....	408	176	29,203	398,152
3534	3534	Elevators and moving stairways.....	142	74	12,393	201,527
3535	3535	Conveyors.....	454	175	20,778	270,475
3536	3536	Hoists, cranes, and monorails.....	120	56	9,585	112,327
3537	3537	Industrial trucks and tractors.....	314	108	17,570	233,116
3541	3541	Metal-cutting machine tools.....	801	269	61,058	699,341
3542	3542	Metal-forming machine tools.....	366	146	22,078	281,287
3544	3544	Special dies and tools.....	5,896	1,133	90,860	1,029,338
3545	3545	Machine tool accessories.....	1,038	347	46,994	559,258
3548	3548	Metalworking machinery, n.e.c.....	435	168	38,012	468,435
3551	3551	Food products machinery.....	681	279	31,684	380,406
3552	3552	Textile machinery.....	561	216	36,004	314,190
3553	3553	Woodworking machinery.....	249	91	12,057	146,998
3554	3554	Paper industries machinery.....	217	92	18,605	217,475
3555	3555	Printing trades machinery.....	490	136	22,952	285,879
3559	3559	Special industry machinery, n.e.c.....	1,091	387	49,950	561,768
3561	3561	Pumps and compressors.....	642	267	61,322	768,787
3562	3562	Ball and roller bearings.....	125	93	52,316	627,694
3564	3564	Blowers and fans.....	237	97	15,244	180,801
3565	3565	Industrial patterns.....	1,209	106	9,914	112,587
3566	3566	Power transmission equipment.....	532	272	46,670	555,710
3567	3567	Industrial furnaces and ovens.....	239	94	12,394	153,477
3569	3569	General industry machines, n.e.c.....	777	277	35,559	424,084
3571	3571	Computing and related machines.....	248	139	96,370	1,101,484
3572	3572	Typewriters.....	21	16	18,023	243,190
3576	3576	Scales and balances.....	85	35	5,765	64,362
3579	3579	Office machines, n.e.c.....	161	75	16,980	224,654
3581	3581	Automatic vending machines.....	118	68	11,672	121,365
3582	3582	Commercial laundry equipment.....	155	58	6,542	70,771
3585	3585	Refrigeration machinery.....	698	347	72,330	892,686
3586	3586	Measuring and dispensing pumps.....	43	27	6,768	91,713

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
3589	----	Service industry machines, n.e.c.....	506	142	15,257	192,379
	3584	Vacuum cleaners, industrial.....	506	142	15,257	192,379
	3589	Service industry machines, n.e.c.....				
3599	3599	Miscellaneous machinery.....	12,090	1,402	135,820	1,366,327
3611	3611	Electric measuring instruments.....	560	209	44,715	505,309
3612	3612	Transformers.....	177	99	33,365	381,514
3613	3613	Switchgear and switchboards.....	400	214	54,045	647,838
3621	3621	Motors and generators.....	384	244	94,170	993,207
3622	3622	Industrial controls.....	339	108	32,990	450,507
3623	3623	Electric welding apparatus.....	149	75	9,629	162,411
3624	3624	Carbon and graphite products.....	53	40	10,123	141,423
3629	3629	Electric industrial goods, n.e.c.....	231	109	14,041	141,633
3631	3631	Household cooking equipment.....	83	53	19,191	230,285
3632	3632	Household refrigerators.....	34	25	43,065	631,269
3633	3633	Household laundry equipment.....	39	28	18,343	353,863
3634	3634	Electric housewares and fans.....	312	136	38,801	463,845
3635	3635	Household vacuum cleaners.....	34	13	5,682	116,137
3636	3636	Sewing machines.....	86	17	7,646	98,328
3639	3639	Household appliances, n.e.c.....	112	67	13,127	204,188
3641	3641	Electric lamps.....	81	50	23,404	362,235
3642	3642	Lighting fixtures.....	1,239	480	53,866	587,834
3643	3643	Current carrying devices.....	449	180	35,424	355,643
3644	3644	Noncurrent carrying devices.....	182	103	20,290	253,918
3651	3651	Radio and TV receiving sets.....	348	178	81,264	911,954
3652	3652	Phonograph records.....	167	60	9,554	125,388
3661	3661	Telephone; telegraph apparatus.....	90	56	89,465	1,013,792
3662	3662	Radio, TV communication equipment.....	1,132	635	387,384	4,327,671
3671	3671	Electron tubes, receiving type.....	42	22	25,850	250,681
3672	3672	Cathode ray picture tubes.....	151	28	10,916	128,354
3673	3673	Electron tubes, transmitting.....	57	45	18,704	204,614
3674	----	Semiconductors.....	107	87	56,349	467,035
	3679*	Electronic components, n.e.c.....	107	87	56,349	467,035
3679	----	Electronic components, n.e.c.....	1,934	968	176,708	1,457,433
	3679*	Electronic components, n.e.c.....	1,934	968	176,708	1,457,433
3691	3691	Storage batteries.....	252	120	17,512	244,152
3692	3692	Primary batteries, dry and wet.....	46	29	8,478	113,787
3693	3693	X-ray apparatus and tubes.....	58	30	6,236	86,534
3694	3694	Engine electrical equipment.....	182	98	40,559	496,662
3699	3699	Electrical products, n.e.c.....	350	106	10,923	101,221
3713	3713	Truck and bus bodies.....	610	208	24,466	229,472
3715	3715	Truck trailers.....	197	105	19,429	205,475
3717	3717	Motor vehicles and parts.....	1,958	909	649,926	12,345,630
3721	3721	Aircraft.....	100	65	302,201	3,542,695
3722	3722	Aircraft engines and parts.....	232	172	190,834	2,244,317
3723	3723	Aircraft propellers and parts.....	14	8	11,183	113,433
3729	3729	Aircraft equipment, n.e.c.....	1,000	470	175,167	1,966,904
3731	3731	Ship building and repairing.....	334	200	114,649	1,009,690
3732	3732	Boat building and repairing.....	1,626	268	24,861	183,059
3741	3741	Locomotives and parts.....	24	12	14,337	186,241
3742	3742	Railroad and street cars.....	78	58	30,742	355,230
3751	3751	Motorcycles, bicycles, and parts.....	88	33	9,662	82,245
3791	3791	Trailer coaches.....	413	252	25,669	232,460
3799	3799	Transportation equipment, n.e.c.....	522	108	8,032	68,823
3811	3811	Scientific instruments.....	594	213	33,084	358,588
3821	3821	Mechanical measuring devices.....	670	258	62,353	732,529
3822	3822	Automatic temperature controls.....	104	54	31,685	379,091
3831	3831	Optical instruments and lenses.....	280	79	11,924	131,917
3841	3841	Surgical and medical instruments.....	294	117	15,145	168,556

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 1. Derivation of 1963 SIC Industries from 1958 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1963 SIC	1958 SIC		Total (number)	With 20 employees or more (number)		
3842	3842	Surgical appliances and supplies.....	704	162	28,267	370,273
3843	3843	Dental equipment and supplies.....	316	66	8,008	95,876
3851	3851	Ophthalmic goods.....	229	109	20,296	177,898
3861	3861	Photographic equipment.....	538	187	64,937	1,270,132
3871	3871	Watches and clocks.....	167	76	27,047	288,053
3872	3872	Watchcases.....	53	22	2,706	19,218
3911	3911	Jewelry, precious metal.....	1,438	218	23,551	234,925
3912	3912	Jewelers' findings and materials.....	228	67	4,816	33,958
3913	3913	Lapidary work.....	318	15	1,535	16,129
3914	3914	Silverware and plated ware.....	209	87	13,249	130,735
3931	3931	Musical instruments and parts.....	320	126	20,095	179,035
3941	3941	Games and toys.....	797	351	51,835	444,101
3942	3942	Dolls.....	410	160	16,213	138,100
3943	3943	Children's vehicles.....	64	31	4,542	35,304
3949	3949	Sporting and athletic goods.....	1,419	345	40,543	360,980
3951	3951	Pens and mechanical pencils.....	139	67	11,562	119,069
3952	3952	Lead pencils and art goods.....	144	57	6,868	64,731
3953	3953	Marking devices.....	616	90	7,625	85,572
3955	3955	Carbon paper and inked ribbons.....	102	52	5,539	68,353
3961	3961	Costume jewelry.....	912	204	21,655	150,999
3962	3962	Artificial flowers.....	384	70	4,958	29,194
3963	3963	Buttons.....	290	69	5,599	43,751
3964	3964	Needles, pins, and fasteners.....	343	149	20,271	190,868
3981	3981	Brooms and brushes.....	643	167	16,637	167,866
3982	3982	Hard surface floor coverings.....	16	13	6,192	118,832
3983	3983	Matches.....	26	23	4,647	38,666
3984	3984	Candles.....	111	32	3,167	26,306
3987	3987	Lamp shades.....	228	48	3,583	20,476
3988	3988	Morticians' goods.....	617	224	17,283	158,422
3992	3992	Furs, dressed and dyed.....	132	26	2,577	30,240
3993	3993	Signs and advertising displays.....	3,206	570	43,476	407,478
3995	3995	Umbrellas, parasols, and canes.....	112	35	2,604	16,101
3999	3999	Miscellaneous products, n.e.c.....	1,499	322	30,138	252,170
1911	1911	Guns, howitzers, and mortars.....	60	37	24,988	235,211
1999	1999	Ordnance and accessories, n.e.c.....				
1925	1925	Complete guided missiles.....		29	148,908	1,924,812
1929	----	Ammunition, n.e.c.....	44	34	32,578	285,774
	1921	Artillery ammunition.....	44			
	1922	Ammunition loading.....		34	32,578	285,774
	1929	Ammunition, n.e.c.....				
1931	1931	Tanks and tank components.....	26	19	11,307	148,369
1941	1941	Sighting and fire control equipment.....	13	8	9,249	96,281
1951	1951	Small arms, 30mm and under.....	52	23	9,995	88,302
1961	1961	Small arms ammunition.....	31	13	8,909	103,772

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
2011	2011	Meat slaughtering plants.....	2,992	976	180,873	1,908,309
2013	2013	Meat processing plants.....	1,341	483	48,599	563,362
2015	2015	Poultry dressing plants.....	967	559	70,104	410,909
2021	2021	Creamery butter.....	766	178	11,992	132,665
2022	----	Natural cheese.....	(NA)	(NA)	(NA)	(NA)
	2022*	Natural and process cheese.....	(NA)	(NA)	(NA)	(NA)
2023	2023	Condensed and evaporated milk.....	281	166	12,255	236,250
2024	2024	Ice cream and frozen desserts.....	1,081	387	29,143	433,006
2025	----	Special dairy products.....	(NA)	(NA)	(NA)	(NA)
	2022 *	Natural and process cheese.....	(NA)	(NA)	(NA)	(NA)
2026	2026	Fluid milk.....	4,619	1,948	185,050	2,203,196
2031	2031	Canned and cured seafoods.....	405	196	17,271	174,634
2032	2032	Canned specialties.....	173	77	25,156	540,835
2033	2033	Canned fruits and vegetables.....	1,430	836	102,388	1,029,467
2034	2034	Dehydrated foods products.....	176	80	9,152	115,795
2035	2035	Pickles, sauces, salad dressings.....	588	184	19,041	249,397
2036	2036	Fresh or frozen packaged fish.....	547	255	20,066	118,451
2037	2037	Frozen fruits and vegetables.....	650	346	51,750	550,231
2041	2041	Flour mills.....	618	218	22,405	373,090
2042	2042	Prepared animal feeds.....	2,590	711	54,649	983,691
2043	2043	Cereal preparations.....	48	30	11,358	365,022
2044	2044	Rice milling.....	74	49	4,256	80,507
2045	2045	Blended and prepared flour.....	165	60	7,199	177,826
2046	2046	Wet corn milling.....	60	20	13,236	290,918
2051	2051	Bread and related products.....	5,010	1,904	236,984	2,403,782
2052	2052	Biscuit, crackers, and cookies.....	356	208	43,160	627,040
2061	2061	Raw cane sugar.....	74	73	8,263	135,686
2062	2062	Cane sugar refining.....	25	25	12,443	254,418
2063	2063	Beet sugar.....	65	62	11,297	200,698
2071	2071	Confectionery products.....	1,211	411	63,643	635,393
2072	2072	Chocolate and cocoa products.....	28	23	8,743	184,796
2073	2073	Chewing gum.....	24	17	5,558	135,848
2082	2082	Malt liquors.....	222	180	62,643	1,286,036
2083	2083	Malt.....	42	31	1,925	43,979
2084	2084	Wines and brandy.....	222	70	6,111	137,281
2085	2085	Distilled liquor except brandy.....	107	89	18,009	623,736
2086	2086	Bottled and canned soft drinks.....	3,905	1,530	106,850	1,233,629
2087	2087	Flavorings.....	520	97	9,083	400,173
2091	2091	Cottonseed oil mills.....	188	153	8,372	100,815
2092	2092	Soybean oil mills.....	102	71	6,478	152,143
2093	2093	Vegetable oil mills, n.e.c.....	47	22	1,952	42,692
2094	----	Grease and tallow.....	(NA)	(NA)	(NA)	(NA)
	2094*	Animal and marine fats and oils.....	(NA)	(NA)	(NA)	(NA)
2095	----	Animal oils, n.e.c.....	(NA)	(NA)	(NA)	(NA)
	2094*	Animal and marine fats and oils.....	(NA)	(NA)	(NA)	(NA)
2096	2096	Shortening and cooking oils.....	115	86	13,511	264,501
2097	2097	Manufactured ice.....	1,199	135	10,757	90,204
2098	2098	Macaroni and spaghetti.....	221	70	7,270	96,012
2099	----	Food preparations, n.e.c.....	2,514	680	71,402	1,466,017
	2095	Roasted coffee.....	324	133	17,125	616,407
	2099	Food preparations, n.e.c.....	2,190	547	54,277	849,610
2111	2111	Cigarettes.....	14	14	35,568	1,310,325
2121	2121	Cigars.....	193	82	20,731	192,998
2131	2131	Chewing and smoking tobacco.....	51	25	4,058	73,975
2141	2141	Tobacco stemming and redrying.....	136	110	16,973	103,296

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
2211	2211	Weaving mills, cotton.....	407	350	208,993	1,256,753
2221	2221	Weaving mills, synthetics.....	355	300	88,157	661,535
2231	2231	Weaving, finishing mills, wool.....	361	249	47,429	386,622
2241	2241	Narrow fabric mills.....	384	215	23,154	172,493
2251	2251	Women's hosiery, except socks.....	939	606	94,867	488,511
2252	2252	Hosiery, n.e.c.....				
2253	2253	Knit outerwear mills.....	1,185	666	68,570	463,585
2254	2254	Knit underwear mills.....	118	104	28,364	170,709
2256	2256	Knit fabric mills.....	518	243	25,046	252,908
2259	2259	Knitting mills, n.e.c.....	88	45	3,639	20,309
2261	2261	Finishing plants, cotton.....	238	140	42,055	332,290
2262	2262	Finishing plants, synthetic.....	205	138	19,528	176,819
2269	2269	Finishing plants, n.e.c.....	178	85	9,236	73,159
2271	2271	Woven carpets and rugs.....	64	31	13,357	120,004
2272	2272	Tufted carpets and rugs.....	181	121	19,854	259,343
2279	2279	Carpets and rugs, n.e.c.....	104	35	2,445	15,595
2281	2281	Yarn mills, except wool.....	317	284	61,647	363,177
2282	2282	Throwing and winding mills.....	180	110	13,559	93,649
2283	2283	Wool yarn mills.....	144	121	17,385	119,718
2284	2284	Thread mills.....	71	36	10,056	75,821
2291	2291	Felt goods, n.e.c.....	36	30	4,952	58,625
2292	2292	Lace goods.....	152	51	4,912	31,472
2293	2293	Padding and upholstery filling.....	183	73	6,932	65,588
2294	2294	Processed textile waste.....	141	59	4,240	30,961
2295	2295	Coated fabric, not rubberized.....	161	86	13,475	177,307
2296	2296	Tire cord and fabric.....	20	19	9,163	72,267
2297	2297	Scouring and combing plants.....	69	38	5,798	45,402
2298	2298	Cordage and twine.....	167	76	8,920	57,614
2299	2299	Textile goods, n.e.c.....	137	56	7,283	78,746
2311	2311	Men's and boys' suits and coats.....	1,112	635	122,679	831,910
2321	2321	Men's dress shirts and nightwear.....	834	566	113,193	601,620
2322	2322	Men's and boys' underwear.....	80	63	12,084	63,186
2323	2323	Men's and boys' neckwear.....	341	117	8,385	58,136
2327	2327	Separate trousers.....	735	423	73,848	383,134
2328	2328	Work clothing.....	439	353	62,477	330,653
2329	2329	Men's and boys' clothing, n.e.c.....	554	365	35,917	183,224
2331	2331	Women's and misses' blouses.....	1,175	718	57,595	300,525
2335	2335	Women's and misses' dresses.....	4,752	3,013	200,003	1,180,883
2337	2337	Women's suits, coats, and skirts.....	2,516	1,380	88,332	637,869
2339	2339	Women's outerwear, n.e.c.....	1,297	709	59,536	340,462
2341	2341	Women's and children's underwear.....	1,069	628	76,723	430,771
2342	2342	Corsets and allied garments.....	351	234	37,144	310,150
2351	2351	Millinery.....	711	221	14,183	93,168
2352	2352	Hats and caps.....	436	173	16,608	91,277
2361	2361	Children's dresses and blouses.....	667	412	35,792	205,623
2363	2363	Children's coats and suits.....	285	152	11,848	72,735
2369	2369	Children's outerwear, n.e.c.....	624	360	34,244	188,344
2371	2371	Fur goods.....	1,591	94	9,289	110,619
2381	2381	Fabric dress and work gloves.....	197	103	12,771	64,372
2384	2384	Robes and dressing gowns.....	271	144	11,889	68,717
2385	2385	Waterproof outer garments.....	341	196	16,148	111,342
2386	2386	Leather and sheeplined clothing.....	114	50	3,352	23,351
2387	2387	Apparel belts.....	389	141	9,841	62,172
2389	2389	Apparel, n.e.c.....	270	108	7,225	43,211
2391	2391	Curtains and draperies.....	1,121	255	21,955	131,995
2392	2392	Housefurnishings, n.e.c.....	1,239	422	39,690	285,759
2393	2393	Textile bags.....	192	88	7,191	56,523
2394	2394	Canvas products.....	881	124	11,170	73,534
2395	2395	Pleating and stitching.....	1,316	245	16,353	95,240
2396	2396	Apparel findings.....	756	213	24,539	227,810
2397	2397	Schiffli machine embroideries.....	759	68	6,145	55,411
2399	2399	Textile products, n.e.c.....	1,044	240	21,350	145,153

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
2411	2411	Logging camps and contractors.....	13,588	557	73,130	520,457
2421	2421	Sawmills and planing mills.....	12,189	2,151	207,365	1,376,080
2426	2426	Hardwood dimension and flooring.....	642	317	28,128	155,083
2429	2429	Special products sawmills, n.e.c.....	541	107	7,164	41,355
2431	2431	Millwork plants.....	3,770	748	65,283	524,041
2432	2432	Veneer and plywood plants.....	641	503	66,155	559,211
2433	2433	Prefabricated wood products.....	559	203	15,806	156,593
2441	2441	Nailed wooden boxes and shooks.....	663	183	14,483	85,046
2442	2442	Wirebound boxes and crates.....	117	70	9,893	55,606
2443	2443	Veneer and plywood containers.....	99	44	3,953	16,086
2445	2445	Cooperage.....	107	23	2,616	17,494
2491	2491	Wood preserving.....	338	157	11,178	93,265
2499	----	Wood products, n.e.c.....	(NA)	(NA)	(NA)	(NA)
2499*	2499*	Wood products, n.e.c.....	(NA)	(NA)	(NA)	(NA)
2511	2511	Wood furniture, not upholstered.....	3,063	992	140,982	993,200
2512	2512	Wood furniture, upholstered.....	1,785	713	67,850	506,727
2514	2514	Metal household furniture.....	517	244	29,346	247,003
2515	2515	Mattresses and bedsprings.....	1,120	340	30,061	285,510
2519	2519	Household furniture, n.e.c.....	75	30	2,054	15,054
2521	2521	Wood office furniture.....	138	58	6,516	57,018
2522	2522	Metal office furniture.....	170	107	19,928	228,329
2531	2531	Public building furniture.....	430	165	17,317	147,253
2541	2541	Wood partitions and fixtures.....	1,594	347	24,343	219,194
2542	2542	Metal partitions and fixtures.....	513	167	20,290	214,301
2591	2591	Venetian blinds and shades.....	717	59	10,102	88,905
2599	2599	Furniture and fixtures, n.e.c.....	356	91	7,540	65,871
2611	2611	Pulp mills.....	45	40	15,123	295,804
2621	2621	Paper mills, except building.....	325	313	129,848	1,857,203
2631	2631	Paperboard mills.....	271	259	63,398	1,186,224
2641	2641	Paper coating and glazing.....	387	181	31,983	457,367
2642	2642	Envelopes.....	230	173	20,728	188,963
2643	2643	Bags, except textile bags.....	586	297	42,343	369,685
2644	2644	Wallpaper.....	79	31	2,194	20,907
2645	2645	Die cut paper and board.....	425	156	15,135	183,185
2646	2646	Pressed and molded pulp goods.....	59	42	5,720	70,006
2649	----	Paper and board products, n.e.c.....	729	316	48,622	672,257
2647	2647	Sanitary paper products.....	119	77	19,108	369,711
2649	2649	Converted paper products, n.e.c.....	610	239	29,514	302,546
2651	2651	Folding paperboard boxes.....	636	418	51,291	476,866
2652	2652	Set-up paperboard boxes.....	503	317	20,459	131,688
2653	2653	Corrugated shipping containers.....	923	651	83,229	804,012
2654	2654	Sanitary food containers.....	186	144	32,879	402,211
2655	2655	Fiber cans, tubes, drums, etc.....	246	137	13,188	126,196
2661	----	Building paper and board mills.....	(NA)	(NA)	(NA)	(NA)
2661	2661	Building paper and board mills.....	(NA)	(NA)	(NA)	(NA)
2499*	2499*	Wood products, n.e.c.....	(NA)	(NA)	(NA)	(NA)
2711	2711	Newspapers.....	8,331	1,865	306,439	3,201,872
2721	2721	Periodicals.....	2,630	402	67,730	1,349,030
2731	2731	Books, publishing and printing.....	993	256	46,812	995,736
2732	2732	Book printing.....	683	275	36,101	358,294
2741	2741	Miscellaneous publishing.....	1,374	177	22,551	252,932
2751	2751	Printing, except lithographic.....	12,109	1,404	170,215	1,578,275
2752	2752	Printing, lithographic.....	6,822	1,339	121,072	1,302,046
2753	2753	Engraving and plate printing.....	580	105	9,022	80,748
2761	2761	Manifold business forms.....	502	250	28,796	377,710
2771	2771	Greeting card manufacturing.....	257	93	21,535	204,608

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
2782	2782	Blankbooks; looseleaf binders.....	410	158	17,899	168,465
2789	2789	Bookbinding and related work.....	1,043	311	24,338	172,298
2791	2791	Typesetting.....	1,289	282	20,997	205,450
2793	2793	Photoengraving.....	883	218	14,620	171,796
2794	2794	Electrotyping and stereotyping.....	184	80	5,116	57,173
2812	2812	Alkalies and chlorine.....	38	37	19,652	389,243
2813	2813	Industrial gases.....	456	146	9,809	260,182
2814	2814	Cyclic (coal tar) crudes.....	36	17	1,636	35,103
2815	2815	Intermediate coal tar products.....	141	84	26,089	570,234
2816	2816	Inorganic pigments.....	96	49	11,544	286,407
2818	2818	Organic chemicals, n.e.c.....	464	241	85,492	2,727,450
2819	2819	Inorganic chemicals, n.e.c.....	674	323	82,430	1,902,563
2821	2821	Plastics materials and resins.....	509	256	61,366	1,202,349
2822	2822	Synthetic rubber.....	24	24	11,840	329,520
2823	2823	Cellulosic man-made fibers.....	19	19	30,086	411,529
2824	2824	Organic fibers, noncellulosic.....	25	24	41,421	922,001
2831	2831	Biological products.....	113	40	5,789	60,377
2833	2833	Medicinals and botanicals.....	138	42	8,128	151,297
2834	2834	Pharmaceutical preparations.....	1,011	319	85,084	2,595,657
2841	2841	Soap and other detergents.....	704	172	30,794	1,137,425
2842	2842	Polishes and sanitation goods.....	1,101	173	16,332	420,440
2843	2843	Surface active agents.....	148	59	4,108	75,698
2844	2844	Toilet preparations.....	707	183	34,338	1,232,883
2851	----	Paints and varnishes.....	(NA)	(NA)	(NA)	(NA)
2851*	2851*	Paints and allied products.....	(NA)	(NA)	(NA)	(NA)
2852	----	Putty and caulking compounds.....	(NA)	(NA)	(NA)	(NA)
2851*	2851*	Paints and allied products.....	(NA)	(NA)	(NA)	(NA)
2861	2861	Gum and wood chemicals.....	246	53	6,787	100,329
2871	2871	Fertilizers.....	281	199	19,992	287,800
2872	2872	Fertilizers, mixing only.....	733	232	13,752	164,140
2873	----	Agricultural pesticides.....	(NA)	(NA)	(NA)	(NA)
2879*	2879*	Agricultural chemicals, n.e.c.....	(NA)	(NA)	(NA)	(NA)
2879	----	Agricultural chemicals, n.e.c.....	(NA)	(NA)	(NA)	(NA)
2879*	2879*	Agricultural pesticides and other agri- cultural chemicals, n.e.c.....	(NA)	(NA)	(NA)	(NA)
2891	2891	Glue and gelatin.....	368	104	8,521	147,006
2892	2892	Explosives.....	68	47	14,814	165,733
2893	2893	Printing ink.....	348	103	8,455	125,138
2894	----	Fatty acids.....	12	(NA)	1,711	36,473
2899*	2899*	Chemical preparations, n.e.c.....	12	(NA)	1,711	36,473
2895	2895	Carbon black.....	33	31	3,010	91,752
2899	----	Chemical preparations, n.e.c.....	1,372	(NA)	24,077	469,395
2899*	2899*	Chemical preparations, n.e.c.....	1,372	(NA)	24,077	469,395
2911	2911	Petroleum refining.....	427	297	119,297	3,137,603
2951	2951	Paving mixtures and blocks.....	762	127	9,680	165,584
2952	2952	Asphalt felts and coatings.....	230	140	14,581	189,981
2992	2992	Lubricating oils and greases.....	353	108	8,433	199,074
2999	2999	Petroleum and coal products, n.e.c.....	67	17	1,495	20,989
3011	3011	Tires and inner tubes.....	155	96	85,259	1,321,712
3021	3021	Rubber footwear.....	53	46	29,147	216,959
3031	3031	Reclaimed rubber.....	13	13	2,010	27,378
3069	3069	Rubber products, n.e.c.....	1,173	620	132,228	1,427,022
3079	3079	Plastics products, n.e.c.....	4,334	1,674	166,315	1,660,882
3111	3111	Leather tanning and finishing.....	525	256	31,417	273,092
3121	3121	Industrial leather belting.....	83	23	2,870	32,915
3131	3131	Footwear cut stock.....	446	204	14,339	90,611
3141	3141	Shoes, except rubber.....	1,040	815	201,728	1,214,740
3142	3142	House slippers.....	153	97	11,039	64,555

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
3151	3151	Leather gloves.....	166	87	7,718	32,194
3161	3161	Luggage.....	379	145	16,409	112,796
3171	3171	Handbags and purses.....	545	262	24,548	142,554
3172	3172	Small leather goods.....	340	117	12,432	82,385
3199	3199	Leather goods, n.e.c.....	370	67	4,989	32,730
3211	3211	Flat glass.....	31	30	22,815	364,466
3221	3221	Glass containers.....	113	105	59,987	629,608
3229	3229	Pressed and blown glass, n.e.c.....	107	95	37,999	472,212
3231	3231	Products of purchased glass.....	1,044	249	26,158	309,734
3241	3241	Cement, hydraulic.....	188	179	34,863	785,681
3251	3251	Brick and structural tile.....	512	400	28,620	216,548
3253	3253	Ceramic wall and floor tile.....	90	64	12,795	110,571
3255	3255	Clay refractories.....	150	109	11,431	118,248
3259	3259	Structural clay products, n.e.c.....	164	108	12,188	108,442
3261	3261	Vitreous plumbing fixtures.....	49	43	9,280	101,502
3262	3262	Vitreous china food utensils.....	31	21	6,314	42,504
3263	3263	Earthenware food utensils.....	21	18	7,349	41,046
3264	3264	Porcelain electrical supplies.....	79	49	10,170	90,001
3269	3269	Pottery products, n.e.c.....	458	98	9,085	62,107
3271	3271	Concrete block and brick.....	1,841	367	23,759	245,525
3272	3272	Other concrete products.....	3,451	716	52,297	539,967
3273	3273	Ready mixed concrete.....	4,621	1,021	71,523	981,997
3274	3274	Lime.....	125	68	6,778	95,135
3275	3275	Gypsum products.....	122	72	11,491	259,659
3281	3281	Cut stone and stone products.....	893	211	18,340	131,465
3291	3291	Abrasive products.....	378	149	28,170	416,415
3292	3292	Asbestos products.....	124	84	19,516	269,067
3293	3293	Gaskets and insulations.....	295	111	16,825	160,734
3295	3295	Minerals, ground or treated.....	415	97	7,330	102,079
3296	3296	Mineral wool.....	123	67	14,733	206,846
3297	3297	Nonclay refractories.....	93	68	8,572	129,139
3299	3299	Nonmetallic products, n.e.c.....	320	56	5,471	53,289
3312	3312	Blast furnaces and steel mills.....	288	247	500,550	7,506,433
3313	3313	Electrometallurgical products.....	36	30	10,437	145,503
3315	3315	Steel wire drawing, etc.....	200	133	21,280	253,009
3316	3316	Cold finishing of steel shapes.....	81	68	13,700	223,977
3317	3317	Steel pipe and tube.....	141	115	22,882	295,242
3321	3321	Gray iron foundries.....	1,139	767	120,528	1,168,478
3322	3322	Malleable iron foundries.....	81	71	22,297	204,557
3323	3323	Steel foundries.....	267	220	56,810	586,914
3331	3331	Primary copper.....	33	33	14,949	285,510
3332	3332	Primary lead.....	10	10	2,578	24,876
3333	3333	Primary zinc.....	18	18	8,065	98,789
3334	3334	Primary aluminum.....	23	22	18,133	499,576
3339	3339	Primary nonferrous metals, n.e.c.....	35	26	5,064	103,830
3341	3341	Secondary nonferrous metals.....	459	179	15,445	228,190
3351	3351	Copper rolling and drawing.....	112	92	38,949	478,393
3352	3352	Aluminum rolling and drawing.....	212	153	54,263	721,171
3356	3356	Rolling and drawing, n.e.c.....	125	67	17,375	250,589
3357	3357	Nonferrous wire drawing, etc.....	299	227	56,418	677,535
3361	3361	Aluminum castings.....	954	321	36,216	343,863
3362	3362	Brass, bronze, copper castings.....	549	193	15,341	144,092
3369	3369	Nonferrous castings, n.e.c.....	391	165	17,686	168,530
3391	3391	Iron and steel forgings.....	272	189	36,317	395,302
3392	3392	Nonferrous forgings.....	34	19	6,297	71,378
3399	3399	Primary metal industries, n.e.c.....	754	218	14,956	192,250
3411	3411	Metal cans.....	270	206	53,245	830,515
3421	3421	Cutlery.....	161	67	11,837	213,998
3423	3423	Hand and edge tools.....	716	255	31,480	364,265
3425	3425	Hand saws and saw blades.....	76	42	5,095	65,634

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
3429	3429	Hardware, n.e.c.....	1,070	447	88,729	1,069,080
3431	3431	Metal plumbing fixtures.....	81	45	11,011	139,859
3432	3432	Plumbing fittings, brass goods.....	250	102	15,129	154,752
3433	3433	Heating equipment, except electric.....	648	280	42,020	495,652
3441	3441	Fabricated structural steel.....	1,718	817	85,423	814,805
3442	3442	Metal doors, sash, and trim.....	1,817	628	62,799	570,370
3443	3443	Boiler shop products.....	1,383	601	75,018	770,064
3444	3444	Sheet metal work.....	3,250	755	61,651	632,384
3449	-----	Miscellaneous metal work, n.e.c.....	2,031	419	40,579	432,190
	3446	Architectural metal work.....	1,334	173	15,587	148,763
	3449	Miscellaneous metal work.....	697	246	24,992	283,427
3451	3451	Screw machine products.....	1,874	516	36,909	358,961
3452	3452	Bolts, nuts, rivets and washers.....	573	323	57,618	695,276
3461	3461	Metal stampings.....	2,574	1,116	132,179	1,368,993
3471	3471	Plating and polishing.....	3,023	677	44,962	370,202
3479	3479	Metal coating, engraving, etc.....	1,258	276	20,669	184,546
3481	3481	Fabricated wire products, n.e.c.....	1,567	557	55,514	539,137
3491	3491	Metal barrels, drums and pails.....	145	93	10,508	119,617
3492	3492	Safes and vaults.....	32	15	3,346	56,223
3493	3493	Steel springs.....	96	49	6,287	69,305
3494	3494	Valves and pipe fittings.....	646	374	80,407	942,700
3496	3496	Collapsible tubes.....	24	19	3,984	30,562
3497	3497	Metal foil and leaf.....	67	40	4,981	63,486
3498	3498	Fabricated pipe and fittings.....	349	146	13,007	144,598
3499	3499	Fabricated metal products, n.e.c.....	1,277	346	28,302	299,326
3511	3511	Steam engines and turbines.....	22	21	30,917	379,875
3519	3519	Internal combustion engines.....	143	81	55,687	733,628
3522	3522	Farm machinery and equipment.....	1,568	558	112,614	1,328,381
3531	3531	Construction machinery.....	617	305	104,520	1,301,266
3532	3532	Mining machinery and equipment.....	204	93	16,910	215,406
3533	3533	Oil field machinery.....	408	176	29,203	398,152
3534	3534	Elevators and moving stairways.....	142	74	12,393	201,527
3535	3535	Conveyors.....	454	175	20,778	270,475
3536	3536	Hoists, cranes, and monorails.....	120	56	9,585	112,327
3537	3537	Industrial trucks and tractors.....	314	108	17,570	233,116
3541	3541	Metal-cutting machine tools.....	801	269	61,058	699,341
3542	3542	Metal-forming machine tools.....	366	146	22,078	281,287
3544	3544	Special dies and tools.....	5,896	1,133	90,360	1,029,338
3545	3545	Machine tool accessories.....	1,038	347	46,994	559,258
3548	3548	Metalworking machinery, n.e.c.....	435	168	38,012	468,435
3551	3551	Food products machinery.....	681	279	31,684	380,406
3552	3552	Textile machinery.....	561	216	36,004	314,190
3553	3553	Woodworking machinery.....	249	91	12,057	146,998
3554	3554	Paper industries machinery.....	217	92	18,605	217,475
3555	3555	Printing trades machinery.....	490	136	22,952	285,879
3559	3559	Special industry machinery, n.e.c.....	1,091	387	49,950	561,768
3561	3561	Pumps and compressors.....	642	267	61,322	768,787
3562	3562	Ball and roller bearings.....	125	93	52,316	627,694
3564	3564	Blowers and fans.....	237	97	15,244	180,801
3565	3565	Industrial patterns.....	1,209	106	9,914	112,587
3566	3566	Power transmission equipment.....	532	272	46,670	555,710
3567	3567	Industrial furnaces and ovens.....	239	94	12,394	153,477
3569	3569	General industry machines, n.e.c.....	777	277	35,559	424,084
3571	3571	Computing and related machines.....	248	139	96,370	1,101,484
3572	3572	Typewriters.....	21	16	18,023	243,190
3576	3576	Scales and balances.....	85	35	5,765	64,362
3579	3579	Office machines, n.e.c.....	161	75	16,980	224,654
3581	3581	Automatic vending machines.....	158	68	11,672	121,365
3582	3582	Commercial laundry equipment.....	115	58	6,542	70,771
3584	-----	Vacuum cleaners, industrial.....	(NA)	(NA)	(NA)	(NA)
	3589*	Service industry machines, n.e.c.....	(NA)	(NA)	(NA)	(NA)

*Represents part of the specified industry. (NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
3585	3585	Refrigeration machinery.....	698	347	72,330	892,686
3586	3586	Measuring and dispensing pumps.....	43	27	6,768	91,713
3589	----	Service industry machines, n.e.c.....	(NA)	(NA)	(NA)	(NA)
	3589*	Service industry machines, n.e.c.....	(NA)	(NA)	(NA)	(NA)
3599	3599	Miscellaneous machinery.....	12,090	1,402	135,820	1,336,327
3611	3611	Electric measuring instruments.....	560	209	44,715	505,309
3612	3612	Transformers.....	177	99	33,365	381,514
3613	3613	Switchgear and switchboards.....	400	214	54,045	647,838
3621	3621	Motors and generators.....	384	244	94,170	993,207
3622	3622	Industrial controls.....	339	108	32,990	450,507
3623	3623	Welding apparatus.....	149	75	9,629	162,411
3624	3624	Carbon and graphite products.....	53	40	10,123	141,423
3629	3629	Electric industrial goods, n.e.c.....	231	109	14,041	141,633
3631	3631	Household cooking equipment.....	83	53	19,191	230,285
3632	3632	Household refrigerators.....	34	25	43,065	631,269
3633	3633	Household laundry equipment.....	39	28	18,343	353,863
3634	3634	Electric housewares and fans.....	312	136	38,801	463,845
3635	3635	Household vacuum cleaners.....	34	13	5,682	116,137
3636	3636	Sewing machines.....	86	17	7,646	98,328
3639	3639	Household appliances, n.e.c.....	112	67	13,127	204,188
3641	3641	Electric lamps.....	81	50	23,404	362,235
3642	3642	Lighting fixtures.....	1,239	480	53,866	587,834
3643	3643	Current carrying devices.....	449	180	35,424	355,643
3644	3644	Noncurrent carrying devices.....	182	103	20,290	253,918
3651	3651	Radio and TV receiving sets.....	348	178	81,264	911,954
3652	3652	Phonograph records.....	167	60	9,554	125,388
3661	3661	Telephone; telegraph apparatus.....	90	56	89,465	1,013,792
3662	3662	Radio, TV communications equipment.....	1,132	635	387,384	4,327,671
3671	3671	Electron tubes, receiving type.....	42	22	25,850	250,681
3672	3672	Cathode ray picture tubes.....	151	28	10,916	128,354
3673	3673	Electron tubes, transmitting.....	57	45	18,704	204,614
3679	----	Electronic components, n.e.c.....	2,041	1,055	233,057	1,924,468
	3674	Semiconductors.....	107	87	56,349	467,035
	3679	Electronic components, n.e.c.....	1,934	968	176,708	1,457,433
3691	3691	Storage batteries.....	252	120	17,512	244,152
3692	3692	Primary batteries, dry and wet.....	46	29	8,478	113,787
3693	3693	X-ray apparatus and tubes.....	58	30	6,236	86,534
3694	3694	Engine electrical equipment.....	182	98	40,559	496,662
3699	3699	Electrical products, n.e.c.....	350	106	10,923	101,221
3713	3713	Truck and bus bodies.....	610	208	24,466	229,472
3715	3715	Truck trailers.....	197	105	19,429	205,475
3717	3717	Motor vehicles and parts.....	1,958	909	649,926	12,345,630
3721	3721	Aircraft.....	100	65	302,201	3,542,695
3722	3722	Aircraft engines and parts.....	232	172	190,834	2,244,317
3723	3723	Aircraft propellers and parts.....	14	8	11,183	113,433
3729	3729	Aircraft equipment, n.e.c.....	1,000	470	175,167	1,966,904
3731	3731	Ship building and repairing.....	334	200	114,649	1,009,690
3732	3732	Boat building and repairing.....	1,626	268	24,861	183,059
3741	3741	Locomotives and parts.....	24	12	14,337	186,241
3742	3742	Railroad and street cars.....	78	58	30,742	355,230
3751	3751	Motorcycles, bicycles, and parts.....	88	33	9,662	82,245
3791	3791	Trailer coaches.....	413	252	25,669	232,460
3799	3799	Transportation equipment, n.e.c.....	522	108	8,032	68,823
3811	3811	Scientific instruments.....	594	213	33,084	358,588
3821	3821	Mechanical measuring devices.....	670	258	62,353	732,529
3822	3822	Automatic temperature controls.....	104	54	31,685	379,091
3831	3831	Optical instruments and lenses.....	280	79	11,924	131,917
3841	3841	Surgical and medical instruments.....	294	117	15,145	168,556
3842	3842	Surgical appliances and supplies.....	704	162	28,267	370,273

*Represents part of the specified industry.

(NA) Not available.

Composition of Industries in the 1963 SIC--Continued

Part 2. Distribution of 1958 SIC Industries Among 1963 SIC Industries--Continued

Industry code		Industry title	Establishments		All employees (number)	Value added by manufacture (\$1,000)
1958 SIC	1963 SIC		Total (number)	With 20 employees or more (number)		
3843	3843	Dental equipment and supplies.....	316	66	8,008	95,876
3851	3851	Ophthalmic goods.....	229	109	20,296	177,898
3861	3861	Photographic equipment.....	538	187	64,937	1,270,132
3871	3871	Watches and clocks.....	167	76	27,047	288,053
3872	3872	Watchcases.....	53	22	2,706	19,218
3911	3911	Jewelry, precious metal.....	1,438	218	23,551	234,925
3912	3912	Jewelers' findings and materials.....	228	67	4,816	33,958
3913	3913	Lapidary work.....	318	15	1,535	16,129
3914	3914	Silverware and plated ware.....	209	87	13,249	130,735
3931	3931	Musical instruments and parts.....	320	126	20,095	179,035
3941	3941	Games and toys.....	797	351	51,835	444,101
3942	3942	Dolls.....	410	160	16,213	138,100
3943	3943	Childrens' vehicles.....	64	31	4,542	35,304
3949	3949	Sporting and athletic goods.....	1,419	345	40,543	360,980
3951	3951	Pens and mechanical pencils.....	139	67	11,562	119,069
3952	3952	Lead pencils and art goods.....	144	57	6,868	67,731
3953	3953	Marking devices.....	616	90	7,625	85,572
3955	3955	Carbon paper and inked ribbons.....	102	52	5,539	68,353
3961	3961	Costume jewelry.....	912	204	21,655	150,999
3962	3962	Artificial flowers.....	384	70	4,958	29,194
3963	3963	Buttons.....	290	69	5,599	43,751
3964	3964	Needles, pins, and fasteners.....	343	149	20,271	190,868
3981	3981	Brooms and brushes.....	643	167	16,637	167,866
3982	3982	Hard surface floor coverings.....	16	13	6,192	118,832
3983	3983	Matches.....	26	23	4,647	38,666
3984	3984	Candles.....	111	32	3,167	26,306
3987	3987	Lamp shades.....	228	48	3,583	20,476
3988	3988	Morticians' goods.....	617	224	17,283	158,422
3992	3992	Furs, dressed and dyed.....	132	26	2,577	30,240
3993	3993	Signs and advertising displays.....	3,206	570	43,476	407,478
3995	3995	Umbrellas, parasols, and canes.....	112	35	2,604	16,101
3999	3999	Miscellaneous products, n.e.c.....	1,499	322	30,138	252,170
1911	1911	Guns, howitzers, and mortars.....	60	37	24,988	235,211
1999	1999	Ordnance and accessories, n.e.c.....				
1921	----	Artillery ammunition.....	(NA)	(NA)	(NA)	(NA)
1929*	1929*	Ammunition, n.e.c.....	(NA)	(NA)	(NA)	(NA)
1922	----	Ammunition loading.....	(NA)	(NA)	(NA)	(NA)
1929*	1929*	Ammunition, n.e.c.....	(NA)	(NA)	(NA)	(NA)
1925	1925	Complete guided missiles.....	31	29	148,908	1,924,812
1929	----	Ammunition, n.e.c.....	(NA)	(NA)	(NA)	(NA)
1929*	1929*	Ammunition, n.e.c.....	(NA)	(NA)	(NA)	(NA)
1931	1931	Tanks and tank components.....	26	19	11,307	148,369
1941	1941	Sighting and fire control equipment.....	13	8	9,249	96,281
1951	1951	Small arms, 30mm and under.....	52	23	9,995	88,302
1961	1961	Small arms ammunition.....	31	13	8,909	103,772

*Represents part of the specified industry.

(NA) Not available.

Appendix D

CENSUS REPORT FORMS AND PUNCH CARDS

In the 1963 Census of Manufactures, approximately 180 standard length report forms were employed in collecting data from all "annual survey of manufactures" establishments and from all of the larger "non-annual survey" establishments. A typical report form, MC-35Q, sent to establishments primarily producing industrial furnaces and ovens, is reproduced on pages D-2 to D-13 of this appendix. Inquiry items 1 to 16 were identical on all forms. Differences among forms are reflected in items 17 and 18, requesting information, respectively, on materials consumed in manufacture and products and services of the establishment. These items were "tailored" to reporting by establishments primarily utilizing the selected materials shown and primarily producing the products or performing the manufacturing services listed. Items 19, 20, and 21 are similarly different among forms and were intended to secure information of special significance to the industries primarily covered on the report form. For annual survey establishments, the front sheet of the 1963 report form was the annual survey report form used for 1962 and 1963 with provisions for entering figures for 1963.

In addition to the standard length forms, 50 short or abbreviated forms were used for smaller establishments. A copy of one such short form, MC-36Z, covering electrical machinery, equipment and supplies, is reproduced on pages D-22 to D-24 of this appendix. The size cut-off for the use of these short forms varied by industry, in most instances below 6 and in the others below 10 employees. The abbreviated forms requested information on a few key items: Number of employees; payrolls; total

cost of materials; and value of shipments by class of product. For those few industries in which small plants constituted a significant proportion of the total value of shipments, modified short forms were designed to collect some detail on the individual products shipped and less frequently on the types of materials used. The appendix also reproduces the general instructions for completing the standard length report forms. No instructions accompanied the short forms; all reporting instructions were contained on the form itself.

Copies of the basic punch cards utilized for tabulating the data reported on the 1963 Census of Manufactures forms are shown on page D-25. One card was used for punching data reported on the standard length form; the other for the short form.

For the 1963 Census of Manufactures, additional report forms were used to cover separately operated central administrative offices and auxiliary units, plants under construction but not operated in 1963, etc. Copies of these forms are not shown in this appendix but are described in the introductory text appearing at the beginning of this volume.

A copy of Form MC-D3, covering Department of Defense owned and operated establishments, primarily engaged in manufacture or in research and development, will be found on pages D-26 to D-29 of this appendix. Statistics developed from these forms will be found in the special report section of this volume.

On pages D-30 to D-31 is a copy of supplemental report form MA-175, Report on Shipments to or Receipts for Work Done for Federal Government Agencies and Their Contractors and Suppliers in 1963. Pages D-32 to D-33 contain a copy of supplemental form MA-161, Exports of Manufactured Products 1963. Data from both of these supplemental surveys are published in the special reports section of this volume.

FORM MC-35Q
(3517)U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1963 CENSUS OF MANUFACTURES

INDUSTRIAL FURNACES AND OVENS

PLEASE NOTE:

- A. The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. Incomplete and inaccurate answers will result in correspondence which is both costly and time consuming. Be sure to **complete every item**. Enter "0" in Items 2-8 if appropriate.
- B. If book records are not available, reasonably accurate estimates for most items are acceptable for the statistical purposes of this survey.
- C. Please complete and return this form in the envelope provided to the **Jeffersonville Census Operations Office, Jeffersonville, Indiana**. If filing by due date causes an undue burden, a request for extension should be directed to that office.
- D. SEE SUPPLEMENTAL INSTRUCTIONS ON PAGE 6.
- E. PLEASE READ INSTRUCTIONS BEFORE COMPLETING REPORT.

ITEM 1. GENERAL INFORMATION

A. NAME OF ESTABLISHMENT

B. PHYSICAL LOCATION OF ESTABLISHMENT on December 31, 1963. (Your answers to this item should relate to the ACTUAL PHYSICAL LOCATION of this establishment which may be different from the mailing address.)

(1) Street and number at establishment location*

*If establishment location cannot be described by street and number, give name (and number, if any) of road or highway and sufficient information to locate establishment, e.g., Rt. 25, 3 miles south of Charlottesville.

(2) Place (Check type of place and enter name)

Type (Check first applicable one)	Name of place
<input type="checkbox"/> City	
<input type="checkbox"/> Village or Borough	
<input type="checkbox"/> Town	
<input type="checkbox"/> Township	
<input type="checkbox"/> Other (Specify)	

(3) Is the establishment within the legal boundary of the place reported in (2) above? ☐ Yes ☐ No

ITEM 2. NUMBER OF EMPLOYEES

Production Workers—Workers (up through the working foreman level) engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., powerplant), recordkeeping, and other closely associated services. Exclude proprietors and partners.

All Other Employees—Nonproduction personnel, including those engaged in the following activities: supervision above working foreman level, sales (including driver salesmen), sales delivery (truck drivers and helpers), advertising, credit collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, finance, legal, personnel (incl. cafeteria, etc.), professional and technical. Exclude proprietors and partners.

(See Supplemental Instructions on Page 6)

IMPORTANT: Figures for dollars, man-hours and KWH (in Items 3-8) should be rounded to THOUSANDS. If you wish you may report to the nearest unit. In either case, **please be careful to enter your figures in the CORRECT COLUMNS.**

(See example at right)

ITEM 3. PAYROLLS

Enter the total (before deductions) of wages, salaries, bonuses, commissions, and other remunerations paid in 1963 to "Production Workers," and "All Other Employees," as defined in Item 2 above. Exclude payments to proprietors and partners.

(See Supplemental Instructions on Page 6)

CONFIDENTIAL—Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation or regulation. Copies retained in your files are also immune from legal process.

In correspondence pertaining to this report please refer to the 11-digit file number in the box above your name.

MC-35Q (3517)

(Please correct if mailing address has changed)

1963		1963		Key
a. March	b. May	c. August	d. November	
Number of production workers during pay period ended nearest 15th of—				0-1
				0-2
				0-3
				0-4
				0-5
e. Sum of Lines a-d				0-6
AVERAGE NUMBER (Divide sum on Line e by 4—omit fractions and decimals.)				0-7
g. All other employees, March 15, 1963				0-8
h. TOTAL NUMBER OF EMPLOYEES (Sum of Lines f and g)				

Millions	Thousands	Dollars	Cents
000	000	000	XX
\$ 1	126	XX	XX
\$ 1	125	628	XX

If the payroll is \$1,125,628.28:

Preferred method →

Acceptable method →

EXAMPLE

Mill.	Thous.	Dollars	Cents
			1
\$			1-1
\$			1-2
\$			1-3

a. Production workers' wages

b. All other employees' salaries and wages

c. TOTAL PAYROLL (Sum of Lines a and b)

(4) County

Enter the total number of plant man-hours of production workers (as defined in Item 2 above) for each calendar quarter (or comparable 13-week period) of 1963. Do ~~not~~ include hours for paid vacations, holidays or sick leave.

On Lines a and c, report the cost of all items **actually consumed or put into production in 1963**, whether purchased, withdrawn from inventories, or received from other establishments of this company. Purchase records instead of consumption records may be used if purchases closely approximate consumption. "Cost" refers to amounts actually paid or payable after discounts, and includes freight and other direct charges incurred in acquiring the items.

(See Supplemental Instructions on Page 6)

Key	3	3-1	3-2
	<p>ITEM 6. INVENTORIES OF THIS ESTABLISHMENT</p> <p>Report all inventories of this establishment at the beginning and end of 1963 on a comparable basis. The reported figures should be in terms of cost (if feasible, on a current cost basis).</p>		

Expenditures refer to all costs actually incurred during 1963 which are chargeable to the fixed assets accounts and which are of the type for which depreciation accounts are ordinarily maintained. Do not include the cost of maintenance and repairs charged as current operating expense. If you did not make any expenditure of the kind described, enter "0" on Line d.

Please continue on Page 2

10014704-1

ITEM 8 QUANTITY OF ELECTRICITY DURING 1963

	a. Purchased electricity (For which cost is reported in Item 5d)	Kilowatt hours			Key
		Bil- lions	Mil- lions	Thou- sands	
Include on Line a , all electricity purchased					4-5
Include on Line b , all electricity generated in this establishment whether for use by this establishment or for sale					4-6
Include on Line c , sales or transfers of electricity generated or purchased by this establishment					4-7

ITEMS 9-11 Not applicable to this form.

ITEM 12 CHANGES IN OWNERSHIP OR OPERATION OF ESTABLISHMENT

Please check proper box and furnish information requested below for 1963.

a. Did the company have any manufacturing plants under construction but not yet in operation during 1963?
If "Yes," describe in Remarks Section.

b. Changes in ownership or operation of this establishment during 1963

(1) Purchased (Enter date, name, and address of former owner in Remarks Section)

(2) Sold (Enter date, name, and address of purchaser in Remarks Section)

(3) Discontinued operations:

(a) Plant dismantled or destroyed

(b) Inactive

(4) Reorganized (Partnership change or change in corporate status)

(5) Started new business in 1963 (No previous owner)

(6) Remained the same as in the previous year

(7) Other changes in ownership (Describe in Remarks Section)

ITEM 13

CHECKS TO ASSURE A COMPLETE AND ACCURATE REPORT (Please complete this item after you have answered all items on the report.)

The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report:

- Review the report carefully to see that no items are omitted for the year being covered.
- Enter the results after calculating the four "reasonableness" checks (described below) and review the results.
- Correct your report for any errors you find; explain unusual figures in Remarks Section.

"Reasonableness" checks		Calculation required for each check (Use figures reported in "Millions and Thousands" columns)	Resulting figures for 1963
(1) Average hourly wages per production worker		Item 3a (Production workers' wages) ÷ Item 4e (Total man-hours)	\$
(2) Hours worked per year per production worker		Item 4e (Total man-hours) × 1000 ÷ Item 2f (Average number of production workers)	Hrs.
(3) Salaries and wages per dollar of shipments		Item 3c (Total payroll) ÷ Item 18 (Total value of shipments)	¢
(4) Materials cost per dollar of shipments		Item 5f (Total materials cost) ÷ Item 18 (Total value of shipments)	¢

- (5) Is the total for value of shipments (Item 18) greater than the sum for payroll (Item 3c) plus total cost of materials, etc. (Item 5f)?

☐ Yes ☐ No (If "No," please explain in Remarks Section)

ITEM 14

REMARKS PERTAINING TO THE REPORT

ITEM 15

Not applicable to this form.

1963 CENSUS OF MANUFACTURES
INDUSTRIAL FURNACES AND OVENS—Continued

Name of establishment (Same as address box)

4-8

ITEM 16 INDUSTRIAL WATER USE DURING 1963

a. The total quantity of water intake (fresh and brackish) in this establishment during the entire year 1963— (Check one box only)

1 ☐ Under 1 million gallons 3 ☐ 10 to 19 million gallons 5 ☐ 100 million gallons or over

2 ☐ 1 to 9 million gallons 4 ☐ 20 to 99 million gallons

b. Was your principal source of water (1) from a publicly- or privately-owned utility; or, (2) from other source? . . . 1 ☐ Utility 2 ☐ Other source

ITEM 17 CONSUMPTION OF SELECTED MATERIALS DURING 1963

REPORT SEPARATELY FOR EACH LISTED MATERIAL THAT WAS ACTUALLY CONSUMED OR PUT IN PRODUCTION DURING 1963

Section A—CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS

INSTRUCTIONS

The sum (Line 17) of the costs of the listed items, including that for "All other materials, parts, containers, and supplies consumed," should be the same as Item 5a.

Detailed instructions regarding the valuation of materials transferred from other establishments of your company are included in the Instruction Manual.

If consumption records are unavailable, figures may be derived from purchase or receipt records. (See Instruction Manual)

For items produced in this establishment and consumed or incorporated in products made in this establishment, enter quantities in Section B of Item 17, Page 4.

NOTE: Cost figures preferably should be rounded to THOUSANDS OF DOLLARS. If you wish, you may report to the nearest dollar. **Please be careful to enter your figures in the CORRECT COLUMNS.** (See example at right)

EXAMPLE

If the material cost for Line 1 is \$1,948,376:

Delivered cost (D)		
Mil- lions	Thou- sands	Dol- lars
000	000	000
\$ 1	948	XXX
\$ 1	948	376 XXX

Preferred method →
Acceptable method →

If \$5,000 or more of the listed item was consumed—

Column (C)—Quantity—Enter the quantity in the unit of measure specified in Column (B-2). Omit quantities if column is shaded.

Column (D)—Delivered Cost—Enter the amount paid or payable, including delivery cost (freight-in).

If some but less than \$5,000 of the listed item was consumed—

Column (E)—Enter an "X" in the box opposite the listed item. (Include the cost of materials checked with "All other materials, components, etc." Line 16.)

7		7-1		7-2		7-3		7-4		
Materials, parts and supplies		Consumption of purchased materials and of materials received from other establishments of your company		Consumption of purchased materials and of materials received from other establishments of your company		Consumption of purchased materials and of materials received from other establishments of your company		Consumption of purchased materials and of materials received from other establishments of your company		
Line number	(A)	Carbon steel	MILL SHAPES AND FORMS (except castings)	Unit of measure for quantities (B-2)	Census material code (B-1)	If \$5,000 or more of the listed item was consumed -				
						Quantity (C)	Delivered cost (D)			If you consumed some but less than \$5,000 worth of the listed item - (Enter an "X" in the box) (E)
							Mil-lions 000 000	Thou-sands 000 000	Del-ivered cost 000 000	
1	Sheet and strip			Short tons	331012 5		\$		<input type="checkbox"/> 1	
2	Plates			Short tons	331013 3		\$		<input type="checkbox"/> 1	
3	Structural shapes			Short tons	331015 8		\$		<input type="checkbox"/> 1	
4	All other carbon steel mill shapes and forms			Short tons	331019 0		\$		<input type="checkbox"/> 1	
5	Alloy steel (except stainless)			Short tons	331020 8		\$		<input type="checkbox"/> 1	
6	Stainless steel			Short tons	331031 5		\$		<input type="checkbox"/> 1	
7	Bare wire (for electrical conduction only)	Copper and copper-base alloy		Thousand pounds	335728 2		\$		<input type="checkbox"/> 1	
8	Insulated wire and cable (Report copper content in Column (C))			Thousand pounds	335790 2		\$		<input type="checkbox"/> 1	
9	Rod, bar, and mechanical wire, including extruded and/or drawn shapes			Thousand pounds	335102 0		\$		<input type="checkbox"/> 1	
10	Plate, sheet, and strip (including mill-tary cups and discs)			Thousand pounds	335123 6		\$		<input type="checkbox"/> 1	
11	Pipe and tube			Thousand pounds	335127 7		\$		<input type="checkbox"/> 1	
12	Sheet, plate and foil	Aluminum and aluminum-base alloy		Thousand pounds	335202 8		\$		<input type="checkbox"/> 1	
13	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)			Thousand pounds	335205 1		\$		<input type="checkbox"/> 1	
14	All other aluminum mill shapes and forms (wire, rolled rod and bar, powder, welded tubing, etc.)			Thousand pounds	335209 3		\$		<input type="checkbox"/> 1	
15	Steel castings (rough and semi-finished)			Short tons	332300 3		\$		<input type="checkbox"/> 1	

Please continue on Page 4

ITEM 17

Section A—CONSUMPTION OF MATERIALS PURCHASED OR RECEIVED FROM OTHER ESTABLISHMENTS—Continued

See example on Page 3 (instructions) for reporting values) -

TOTAL-

Section B—CONSUMPTION OF CASTINGS PRODUCED IN THIS ESTABLISHMENT AND CONSUMED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

INSTRUCTIONS

Report below the quantity of each listed item produced in this establishment and consumed in manufacturing other products made in this establishment.

Materials used to produce the items specified below should be reported in Section A of Item 17 above.

Quantities produced for sale as such and not for incorporation in other products should be reported in Item 18 below.

Purchases or receipts of the items specified below should be reported only in Section A above.

Report quantities in the unit of measure specified in Column (B-2).

Steel castings (rough and semifinished)

PLEASE READ THE ENTIRE LIST OF PRODUCTS AND SERVICES BELOW BEFORE ANSWERING THIS INQUIRY

INSTRUCTIONS

Report on Lines 1-20 for all products made; and on Lines 21-26 for **services and other activities** performed at this establishment during 1963.

DO NOT COMBINE PRODUCT LINES. If any of your products are not included in the listed items, report these on Lines 17-20.

Products shipped and other receipts—Report the quantity and value of each product made and physically shipped during 1963 from this establishment, **including products shipped to other plants**, sales branches, retail stores, or warehouses of your company and on consignment. Deduct returned goods. Also report the value of services performed at this establishment.

Column (D)—Quantity—Report quantities in number of units. Omit quantities if column is shaded.

Column (E)—Value, f.o.b. plant—Report totals based on net selling values, f.o.b. plant. Net selling values should not include discounts, allowances, freight charges, and excise taxes.

Companies transferring products from this establishment to other manufacturing plants, sales branches, retail stores, or warehouses, should carefully study and follow instructions appearing in the Instruction Manual.

Installation (or construction of product)—See Supplemental Instructions on Page 6.

Report on Line 26 the selling value, f.o.b. plant, of products which were resold as originally purchased and not used in further manufacturing, processing, or assembling of products made in this establishment.

NOTE: Value figures preferably should be rounded to THOUSANDS OF DOLLARS. If you wish, you may report to the nearest dollar. **Please be careful to enter your figures in the CORRECT COLUMNS.**
(See example at right)

If the value of products for Line 3 is \$1,125,328.28:

EXAMPLE

Preferred method →
Acceptable method →

Value, f.o.b. plant (E)			
Mil- lions	Thou- sands	Dol- lars	Cen- ts
000	000	000	XX
\$ 1	125		XX
\$ 1	125	328	XX

Line number	Products and services		Census product code (B-1)		Quantity (Number of units) (D)	Value, f.o.b. plant (E)			
	(A)		(B-1)			Mil- lions	Thou- sands	Dol- lars	Cen- ts
1	ELECTRIC INDUSTRIAL FURNACES	Electric furnaces (excluding induction)	35671	11 45					
2	AND OVENS, METAL PROCESSING	Metal melting Metal processing and heat treating (such as annealing, hardening, carburizing, and porcelain enameling furnaces)	35671	21 35					
3		Electric, including infrared, industrial ovens	35671	43 75					

Please continue on Page 5

100147 OF-4

13		Parts, attachments, and components for industrial furnaces and ovens, including electric heating units (sold separately)	35673 91 25						XX
14	Electric nonmetallic processing industrial furnaces and ovens, including kilns and lehrs		35595 91 72						XX
15	Fuel fired kilns (cement, wood, and chemical processing)		35595 92 52						XX
16	Other nonmetallic processing industrial furnaces and ovens, including kilns and lehrs		35595 33 82						XX
17	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	Describe and report separately for each product whose value was \$50,000 or more and not listed above. (Specify unit of measure for quantity.) For all remaining products describe and report a single total value.							
18									XX
19									XX
20									XX
21	CONTRACT WORK	Receipts for work done for others on their own materials. (Describe products worked on and kind of work)	93000 00 85						XX
22	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse	99980 13 86						XX
23		Receipts for repair work	99980 61 76						XX
24		Receipts for installation (or construction of products of this establishment) (See instructions on Page 6 for reporting of installation costs in Items 2, 3, 5, and 18)	99980 31 06						XX
25		Other miscellaneous receipts	99980 98 96						XX
26	RESALES	Sales of products bought and resold without further manufacture, processing or assembly in this establishment. (The cost of such items should be reported in Item 5b.)	99989 00 66						XX
27		TOTAL (Sum of figures on Lines 1-26, Column (E))	77000 00 88						XX

Please complete form, including Item 13, and sign certification on Page 6

ITEM 19

FACTORY AND FIELD ASSEMBLY OF INDUSTRIAL FURNACES AND OVENS

Page 6

Report the 1963 value of shipments for field and factory assembly of industrial furnaces and ovens reported in Item 18, Column (E), Lines 1-16. (See example on Page 4, Item 18 (Instructions), for reporting value of shipments in Column (C).)

Line No.	Industrial furnaces and ovens (A)	Code (B)	Value of shipments (C)	
			Mil- lions	Thou- sands
1	Field assembled	44	\$	
2	Factory assembled	55	\$	

ITEM 20

SELECTED METALWORKING AND RELATED OPERATIONS PERFORMED IN THIS ESTABLISHMENT DURING 1963

Section A— Were any of the specified metalworking operations listed below performed in this establishment in 1963?

9	Key	
	Yes	No
9	9-1 20	
	9-2 <input type="checkbox"/> 1 <input type="checkbox"/> 2	

(Check one box.)

Section B— If "Yes," indicate in Column (C) by checking appropriate boxes, which of the specified operations were performed in this establishment during 1963. A check should be entered either in the "Yes" box or "No" box for each operation. Where the "Yes" box is checked, show in Column (D) the approximate number of production workers on all shifts usually engaged in the specified operation.

Line number	Operation (A)	Census Code (B)	Was this operation performed in this estab- lishment during 1963? (C)		Number of pro- duction workers (on all shifts) usually employed when operated (estimate if necessary) (D)
			Yes	No	
1	Machine shop	09	<input type="checkbox"/> 1	<input type="checkbox"/>	
2	Plate or structural fabrication	12	<input type="checkbox"/> 1	<input type="checkbox"/>	
3	Stamping, blanking and forming of metals	13	<input type="checkbox"/> 1	<input type="checkbox"/>	
4	Painting, lacquering and enameling on metals	14	<input type="checkbox"/> 1	<input type="checkbox"/>	

ITEM 21

Not applicable to this form.

REMARKS

PERIOD OF REPORT	This report covers the period from _____ to _____		
ITEM 22	Name of person to be contacted regarding this report	Address	Telephone No.
ITEM 23	CERTIFICATION —This report is substantially accurate and has been prepared in accordance with instructions.		
	Name of company	Address	
	Signature of authorized official	Title	Date

Supplemental Instructions

The following instructions supplement the "General Instructions to Manufacturers for Preparing Reports"

INSTALLATION (OR CONSTRUCTION) OF PRODUCTS OF YOUR OWN MANUFACTURE

(These instructions apply to companies engaged in installing or erecting their own manufactured products)

Where your product is installed or erected by a labor force separate from the regular force attached to your manufacturing establishment, do not include installation costs.—The separate labor force may consist either of a distinct group of your employees not attached to your manufacturing plant, or of local labor hired by you in the field, or a combination of both of these. This labor force should be omitted from the sections on employment and payrolls (Items 2 and 3); the value of the installation services should not be included in the section on products shipped (Item 18); and, the amounts reported for cost of materials, etc. (Item 5), should be restricted to factory operations. However, include in Items 2g and 3b engineering and supervisory personnel on your regular plant payroll who may be engaged in installing or testing your products. If your records do not provide exact figures to serve as the basis for segregating these installation costs, carefully prepared estimates will be acceptable.

When your product is installed or erected by the regular labor force of your manufacturing plant, operating out of the plant itself, installation costs and the value of installation services should be included.—In installations of this type the employees will not be a separate group of workers located away from the premises of the manufacturing plant.

Include these workers engaged in installing your products in Items 2 and 3, "Employment and Payrolls 1963."

Receipts for installation services should be reported separately on Line 24, Item 18.

Do not include these receipts in the value of industrial furnaces and ovens as reported on Lines 1-16, Item 18.

If your records do not provide exact figures on the value of installation work, carefully prepared estimates will be acceptable.

In no case should installation costs (or the value of the service) be included in your report where the installing or erecting is performed by a separate company, whether the services of that company have been contracted for by your customer or by yourself.

Please state in the Remarks Section of this form whether you install or erect your manufactured products.—If you do such installing or erecting, you should further indicate whether or not the installation costs and value of such services are included in your report (using the above instructions as the basis for reporting).

1963 CENSUS OF MANUFACTURES

REPORTING INSTRUCTIONS

In all correspondence with the Census Bureau, please include the 11-digit file number which appears in the address box of the report form. High-speed electronic equipment will be used to identify both the correspondence and the reports in the 1963 Economic Censuses. If your correspondence does not include the Census file number, it will be returned for the addition of that number. Address all correspondence to JEFFERSONVILLE CENSUS OPERATIONS OFFICE, 1208 East 10th Street, Jeffersonville, Indiana.

Please do not mark or mar the two lines of symbols above the address on each form. These symbols or rectangles which are unique to each establishment will be photographed and used to record mechanically the receipt of your report form.

As you complete the reports for each establishment, please enter the 11-digit file number at the top of the odd numbered pages as requested.

This booklet is provided to assist you in filling out the enclosed Census of Manufactures form(s) MC19A through MC39L. Please read these instructions and those appearing on the individual report forms for each item before entering your figures.

A. Who Should Report?

The Census of Manufactures reports are required by an Act of Congress (13 U.S.C.). The reports submitted are confidential and may be seen only by sworn Census employees. They may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.

Every concern is required to submit a separate Census report for each of its manufacturing establishments in the United States, the Virgin Islands, and Guam. Enterprises with more than one establishment must submit a separate report for each establishment operated during all or any part of 1963. Reports should be returned to the Jeffersonville Census Operations Office as shown on the enclosed envelope.

Based on Census Bureau records, a report form is provided for each establishment which your company operated in 1963. If you have not received sufficient forms to cover all the manufacturing establishments operated by your company, write for additional copies. Be sure to describe the type of activity carried on at the establishments for which you request additional forms.

1. What Is a Manufacturing Establishment?

For purposes of the Census, a manufacturing establishment is defined as a single physical location where manufacturing operations are performed; for example, a factory, mill, or plant. Since the information reported will be summarized to totals for each industry, State, county and standard metropolitan statistical area, separate reports are required for different physical locations even though the establishments may be engaged in the same line of manufacturing.

If your company operates two or more units in distinctly different lines of manufacturing at the same location, you should also file a separate establishment report for each unit, provided separate records are maintained or substantially accurate reports for these separate activities can be prepared. It is not necessary to file separate reports for departments or organizational subdivisions within an establishment.

In completing your reports, a limited amount of prorating or estimating is acceptable when book records are not readily available.

2. How To Report for Establishments not in Operation During 1963?

If any of your company's manufacturing establishments were not in operation at all during 1963, you should nevertheless return the report for each such establishment with a notation as to its status in Item 12 "Changes in ownership or operation of the establishment." If a manufacturing location was not in production, but had custodial employees, maintained inventories, or made shipments during the year, the information should be reported in the appropriate section of the report form.

B. What Activities Should Be Reported?

Each report should cover all the activities (manufacturing, fabricating, processing, and assembling) conducted within the establishment. The reported figures should also include activities such as the maintenance of plant and equipment, receiving, shipping, warehousing, storage, research, record keeping, health, safety, cafeteria, and other services, when carried on at the same physical location by the manufacturing establishment. The manufacturing establishment reports should exclude sales branches, sales offices, research laboratories, retail stores, mining activities, and general administrative offices, if they are operated as separate establishments. However, separate Census of Business, Census of Mineral Industries, or Central office or auxiliary reports should be submitted for each of these establishments.

Please note that establishments engaged in the activities listed below are considered to be manufacturing for the purposes of this Census:

Apparel jobbing and contracting
Assembling from purchased components
Commission processing of materials owned by others
Job casting, stamping, machinery
Lapidary work
Logging camps and logging
Machine shops, including those operating on a job order basis
Manufacturing and delivering ready-mixed concrete
Milk pasteurizing and bottling
Plating, galvanizing, polishing materials owned by others etc.
Poultry dressing
Printing
Publishing: Book, magazine, periodical, etc.
Rebuilding on a factory basis
Sawmills
Seafood, fresh packaged or frozen
Ship and boat repairing
Wood preserving

C. What Period Should Each Report Cover?

Each report should cover the calendar year 1963. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable. If reporting on a calendar year basis will involve considerable additional costs, and your fiscal year covers at least 10 months of calendar year 1963 (i.e., ends between October 31, 1963 and February 29, 1964), you may report on a fiscal basis. However, all employment, payroll, and man-hour figures should relate to the calendar year rather than the fiscal year. (These calendar year payroll records should be available from your tax records.)

In the certification, the dates should show the exact period which the report covers. Thus, if an establishment began to operate or ceased to operate within the year, the dates should span only that part of the year during which the plant was in operation. If the ownership changed during the year, complete the report only for that part of 1963 in which your company owned and operated the establishment. Report in Item 12 the appropriate information on changes in ownership or operations.

D. How Should Multiple Establishment Companies Determine Transfer Values of Products and Materials from One Establishment to Another ("Interplant Transfers")?

One of the important statistical measures of manufacturing activity is "value added by manufacture," which is derived by the Census Bureau from the figures reported for value of shipments, cost of materials and inventories.

In order for statistics on value added and other subjects to be comparable from industry to industry or area to area, it is necessary that the operations of each establishment of a multiple establishment organization be reported as though the establishment were a separate "economic" unit. This means that the value of interplant transfers within a company should include, in addition to

direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." The establishments receiving such transfers should report them as materials consumed (or inventories of materials, etc.) at the same value plus costs of freight and other direct handling charges. (See Item 5.)

ITEMS ON THE REPORT FORM

Item 1. (See instructions on Form.)

Item 2. Number of employees.—(You may follow the definition of employees specified by your State Employment Security Agency.)—Report employees at the establishment who worked or received pay for any part of the pay period (preferably one week) ending nearest the 15th of the specified months (i.e., March, May, August, and November of 1963 for "production workers" and March only for "all other employees"). Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods; exclude members of armed forces and pensioners carried on your active rolls. Include officers at this establishment, if a corporation; if an unincorporated concern, exclude proprietor or partners.

Items 2e and 2f.—Divide the total on Line 2e by FOUR and enter the result on Line 2f; divide by FOUR even if the establishment did not operate in all four periods.

Item 3. Payrolls. (You should follow the definition of salaries and wages that is used for calculating the withholding tax.) Report the gross earnings paid in calendar year 1963 to employees on the payroll at the establishment prior to such deductions as employee's Social Security contributions, withholding taxes, group insurance premiums, union dues, and savings bonds. Include in gross earnings commissions, dismissal pay, pay bonuses, vacation and sick-leave pay, and the cash equivalent of compensation paid in kind. Include salaries of officers of this establishment, if a corporation; if an unincorporated concern, exclude payments to proprietor or partners. Exclude payments to agricultural employees, fishermen, members of armed forces, and pensioners carried on your active payroll.

Item 4. Plant Man-Hours of Production Workers, by Quarter.—"Plant man-hours" of production workers are designed to measure the over-all activity of the plant during each quarter. The figures should include all man-hours worked or paid for, except hours paid for vacations, holidays, or sick leave. If an employee elects to work during the vacation period, report only actual hours worked by such employee. Overtime hours should be reported as actual hours worked, not straight-time equivalent hours.

Item 5. Cost of Materials, Fuels, Electricity and Contract Work.—The entries in this item are used by the Census Bureau to calculate the 1963 value added by manufacture. The figures reported, therefore, should represent the total cost of materials, supplies, semi-finished goods, fuels, etc., actually consumed or put into production during 1963.

If your records do not show the amounts actually consumed or put into production during 1963, the reported figures may be derived from purchase and other records. Cost of purchases may be used if these do not differ significantly from the amounts actually used. However, if

consumption of any major item differs significantly from purchases, the amount used may be estimated by adding beginning inventories to the amounts purchased and subtracting from this total the cost of goods on hand at the end of the year.

Cost is delivered cost and should be the amount actually paid or payable after discounts and should include freight and other direct charges incurred by the establishment in acquiring materials and supplies consumed. The cost figures for consumption should represent receipts from all sources, i.e., amounts purchased from other establishments, withdrawn from inventories, or obtained from other establishments of the same company. However, if intermediate products were made in this establishment in 1963 and incorporated into other products also made in this establishment, the reported figures should only include the costs of the materials from which the semi-finished items were made.

For materials, parts, and supplies received from other establishments of your company, cost should be checked against the values reported for the plant producing and transferring the codes (see Item D above). Freight and other direct handling charges should be added.

Item 5a. Cost of Materials, Parts, Components, Containers, Supplies, Etc., Consumed.—The delivered cost figures reported in Item 5a should cover all raw materials, containers, scrap, and supplies, etc., which were: (1) put into production, (2) used as operating supplies, (3) used in repair and maintenance. Include also cost of materials owned by you but consumed by other companies to make products for your establishment under contract. Amounts paid to other companies for such contract work should be reported on Line 5e and should include freight in and out. If semi-finished goods, parts, or components were produced during 1963 and incorporated into finished products at the same plant during 1963, include the cost of raw materials used rather than the value of the intermediate products.

Include only physical goods used or put into production. Exclude services used or overhead charges. Exclude cost of such services as advertising, telephone, telegram and cable, insurance, developmental and research services or engineering, management, marketing and other professional consultants, etc., unless charges for such services are included in the prices paid for materials. Exclude also such overhead items as depreciation charges against plant and equipment; rent and rental allowances, interest payments, royalties, and patent fees. Exclude materials, supplies, machinery, and equipment which were used in the construction of new structures or additions to your plant, or new machinery and equipment, and which are chargeable to fixed assets accounts. Exclude products purchased and resold without further manufacture or processing or assembly; their costs should be included in Item 5b.

Item 5b. Cost of Goods Sold Without Further Manufacture, Processing or Assembly in this Establishment.—Report the cost of all products bought and resold in the same condition as when purchased and not made part of another product manufactured by this establishment. (Total sales value of all products resold is to be reported in Item 18 on the line for "Resales.")

Item 5c. Fuel Consumed.—Report the total amount actually paid or payable during 1963 for all fuels consumed for heat, power, or the generation of electricity. Do not include the estimated cost of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel, oil, liquefied petroleum gas, gasoline, and all other fuels including purchased steam. For selected industries, such as Carbon Black, Blast Furnaces and Coke Ovens, special reporting instructions on the report form provide that the above fuel types should be reported as materials in Item 5a rather than as a fuel Item 5c.

Item 5d. Purchased Electric Energy.—Report the total amount actually paid or payable for electric energy purchased during 1963 from other companies, or received from other establishments of your company. Exclude the value of electricity generated and used at this establishment.

Item 5e. Cost of Work Done for You by Others on Your Own Materials (Contract Work).—If any work was done by others on materials furnished by your establishment, report the total payments made during 1963 for such work, including freight out and in. Exclude the cost of materials worked on, which should be included in Item 5a.

Item 6. Inventories of this Establishment.—See report form.

Item 7. Capital Expenditures for This Establishment (Exclude Expenditures for Land).—Capital expenditures during 1963 may be determined by the following computation: The cost of additions completed during the year, plus construction-in-progress at the end of the year, minus construction-in-progress at the beginning of the year.

Item 7a. New Structures and Additions to Plant.—Report total expenditures during 1963 for new construction, (whether constructed on contract or by your own forces) major alterations, capitalized repairs, and improvement of buildings (including all new elevators, cranes, heating and ventilating equipment, essentially a part of the buildings), other fixed structures (such as blast furnaces, brick kilns, fractionating towers, shipways, and similar types of structures), and site improvements (such as roads, docks, tracks, parking lots, fences, utilities.)

Item 7b. New Machinery and New Equipment.—Report total expenditures at this establishment for new production machinery and equipment and other new machinery and equipment. Include replacements as well as additions to capacity. Include the value of improvements and capitalized repairs to machinery and equipment transferred from other establishments of this company or produced and used at this establishment. Include all new motors, lathes, punch presses and similar machinery and equipment for use in production, as well as all new office machines and fixtures, furniture, cafeteria and dressing room furnishings, automobiles and trucks, and other similar equipment.

Item 7c. Used Plant and Used Equipment Acquired from Others.—Report total expenditures at this establishment for old or existing plants and for second-hand equipment acquired from others (including the U.S. Government). Include at approximate market value machinery or equipment transferred from other plants of your company.

Item 8. Quantity of Electricity.—All quantities for electricity preferably should be reported in thousands of kilowatt hours. Please be careful to enter your figures in the CORRECT COLUMNS.

Item 8a. Purchased Electricity.—Report the quantity for which cost is reported in Item 5d.

Item 8b. Generated Electricity.—Enter the total quantity of electric energy generated in this plant (gross less generating station use) during 1963.

When totals are reported on this line, data relating to the activity of the power stations would also be included in other sections of this report. For example, the number of employees assigned to the power station, their wages and man-hours should be included in the figures reported in Items 2, 3, and 4; and the cost of fuels used to generate electricity, in Item 5c.

Item 8c. Electricity Sold or Transferred.—Enter the quantity of electric energy, which was also included in Items 8a and 8b but which was sold to other companies or transferred, to other manufacturing or non-manufacturing establishments of your company.

Items 9-11.—Not applicable to these forms.

Items 12-15.—See Report forms.

Item 16. Industrial Water Use During 1963 (See Instructions on Forms).—A selected group of establishments, consisting mainly of those consuming large quantities of water, will be required to supply the following additional detail on water consumed during 1964: total intake during the year distributed by source and type of use; quantity discharged; quantity recirculated; and quantity treated.

Items 17-23.—(See instructions on form.)

Period of Report.—Enter the month and day of the beginning and the end of period your report covers. If a calendar year report: "From January 1 to December 31, 1963;" if a fiscal year, specify which (such as "From December 1, 1962 to November 30, 1963). If a part year report is submitted because the establishment was not in operation or under your company's control for the entire year, specify the actual period covered: For example, January 1, 1963 to August 15, 1963 or June 1 to December 31, 1963.

FORM MA-100		U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS		CONFIDENTIAL-Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.	
ANNUAL SURVEY OF MANUFACTURES				In correspondence pertaining to this report please refer to the 11-digit file number in the box <input checked="" type="checkbox"/> above your name.	
(For 1963 this is the front sheet of the 1963 Census of Manufactures form)					
DUE 30 DAYS AFTER RECEIPT PLEASE COMPLETE EVERY ITEM TO AVOID CORRESPONDENCE BE SURE TO READ INSTRUCTION MANUAL BEFORE COMPLETING REPORT				V x 1 2 3 4 5 6 7	
ITEM 1 - GENERAL INFORMATION		COMPLETE EVERY ITEM (Enter "0" when appropriate)		(Please correct if mailing address has changed)	
A. NAME OF ESTABLISHMENT		Number of production workers during pay period ended nearest 15th of -		1962 1963 1964	
B. PHYSICAL LOCATION OF ESTABLISHMENT on December 31, 1963. (Your answers to this item should relate to the ACTUAL PHYSICAL LOCATION of this establishment which may be different from the mailing address.)		a. March b. May c. August d. November		Key 0-1 0-2 0-3 0-4 0-5 0-6 0-7 0-8	
(1) Street and number at establishment location *		e. Sum of Lines a through d f. AVERAGE NUMBER (Divide sum on line e by 4 - omit fractions and decimals)			
* If establishment location cannot be described by street and number, give name (and number, if any) of road or highway and sufficient information to locate establishment, e.g., Rt. 25, 3 miles south of Charlottesville.		g. All other employees, March 15th h. TOTAL NUMBER OF EMPLOYEES (Sum of Lines f and g)			
(2) Place (Check type of place and enter name)		IMPORTANT: Report Items 3-11 in thousands. (If total payroll is \$15,662, enter \$16)			
Type (Check first applicable one)		a. Production workers' wages b. All other employees' salaries and wages c. TOTAL PAYROLLS (Sum of Lines a and b)		1-1 1-2 1-3 1-4 1-5 1-6 1-7 1-8	
City		a. January through March b. April through June c. July through September d. October through December			
Village or borough		e. TOTAL PRODUCTION WORKERS' MAN-HOURS (Sum of Lines a-d)			
Town		a. Cost of materials, parts, components, containers, etc., consumed b. Cost of products bought and resold as such c. Cost of fuels consumed d. Cost of purchased electricity e. Cost of contract work done for you by others on your materials f. TOTAL COST (Sum of Lines a-e)		2-1 2-2 2-3 2-4 2-5 2-6★	
Township					
Other (Specify)					

(3) Is the establishment within the legal boundary of the place reported in (2) above? ☐ Yes ☐ No

(4) County

(5) State

C. FORM OF OWNERSHIP AT END OF 1963

- (Check one)
- 1 ☐ Individual proprietor
- 2 ☐ Partnership
- 0 ☐ Corporation (Do not include any form of cooperative association.)
- 8 ☐ Cooperative association (corporate or noncorporate)
- 9 ☐ Other (Specify) _____

D. FEDERAL SOCIAL SECURITY IDENTIFICATION NUMBER

Enter identification number used for this establishment (as shown on Employer's Quarterly Federal Tax Return, Treasury Form 941).

1963

1964

E. COMPANY ORGANIZATION

- (1) Does this company operate more than one place of business under the same Identification Number shown in D above? ☐ Yes ☐ No
- (2) Does this company own or control another company? ☐ Yes ☐ No
- (3) Is this company owned or controlled by another company? ☐ Yes ☐ No
- (If "Yes" is checked in Part (3), give name and address of owning or controlling company.)

FOR CENSUS USE ONLY

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

ITEM 6 INVENTORIES OF THIS ESTABLISHMENT AT END OF YEAR (\$000)	a. Finished products inventories	3-1	3-5
	b. Work-in-process inventories	3-2	3-6
	c. Materials, supplies, fuels, etc., inventories	3-3	3-7
	d. TOTAL INVENTORIES, END OF YEAR (Sum of a-c)	3-4	3-8
ITEM 7 CAPITAL EXPENDITURES DURING YEAR (Exclude land) (\$000)	a. New structures and additions to this plant		4-1
	b. New machinery and new equipment		4-2
	c. Used plant and used equipment acquired from others		4-3
	d. TOTAL CAPITAL EXPENDITURES (Sum of lines a-c)		4-4
ITEM 8 QUANTITY OF ELECTRICITY (Thous. of KWH)	a. Purchased electricity (for which cost is reported in 5d)		4-5
	b. Generated electricity (gross less generating station use)		4-6
	c. Electricity sold or transferred to other establishments		4-7
ITEM 9 VALUE OF PRODUCTS SHIPPED AND OTHER RECEIPTS (\$000)	Product classes of this establishment (Describe)	Product Class Code (See manual) 5	1962 1963 1964
	a.		
	b.		
	c.		
	d.		
	e.		
	f.		
	g.		
	h. Insert total value of shipments reported in Item 9A on reverse side.		
	i. Receipts for work or services performed by you for others on their materials (Describe)	93000	
	j. Miscellaneous receipts (Repair work, installation, sales of scrap, etc.) (Describe)	99980	
	k. Sales of products bought and resold without further manufacture, processing, or assembly. (Report cost in Item 5b)	99989	
	l. TOTAL (Sum of values in lines a-k)	77000	
ITEM 10 QUANTITY OF PRODUCTS SHIPPED (If additional lines are needed, use Item 14 on reverse side.)	Report quantity for products listed in Item 9 only if requested in manual. Repeat product description from Item 9.	Unit of quantity (See manual) 6	1962 1963 1964
	a.		
	b.		
	c.		
	d.		

Please continue on Page 2

Page 2

The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report:

- Review the report carefully to see that no items are omitted for the year being covered.
- Calculate the four "reasonableness" checks described below, entering the figures for each, and review the results.
- Correct your report for any errors you find; explain unusual figures in Item 14.

"Reasonableness" checks	Calculation required for each check	Resulting figures for the year --	
		1963	1964
1. Average hourly wages per production worker	Item 3a (Production workers' wages) ÷ Item 4e (Total man-hours)	\$	\$
2. Hours worked per year per production worker	Item 4e (Total man-hours) x 1000 ÷ Item 2f (Average number of production workers)	Hrs.	Hrs.
3. Salaries and wages per dollar of shipments	Item 3c (Total payroll) ÷ Item 9f (Total value of shipments)	\$	\$
4. Materials cost per dollar of shipments	Item 5f (Total materials cost) ÷ Item 9f (Total value of shipments)	\$	\$
5. Is the total for value of shipments (Item 9f) greater than the sum for payroll (Item 3c) plus total cost of materials, etc. (Item 5f)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No (If "No," please explain in Item 14)

ITEM 14 REMARKS PERTAINING TO THE REPORT FOR THE SPECIFIED YEAR	1963	
	1964	

ITEM 15 CERTIFICATION	Name of person to contact if questions arise regarding this report		Address (Revise when necessary)		Telephone No.
	CERTIFICATION - This report is substantially accurate, and covers --				
	Period covered		Signature of authorized person		Title
	From	To			Date
	From	To	Signature of authorized person		Title
	From	To			Date

FORM MC-36Z
(3630)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1963 CENSUS OF MANUFACTURES

ELECTRICAL MACHINERY, EQUIPMENT AND SUPPLIES

PLEASE NOTE:

- The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. Incomplete and inaccurate answers will result in correspondence which is both costly and time consuming. Be sure to complete every item. Enter "0" in Items B-D, if appropriate.
- If book records are not available, reasonably accurate estimates for most items are acceptable for the statistical purposes of this survey.
- Please complete and return this form in the envelope provided to the Jeffersonville Census Operations Office, Jeffersonville, Indiana. If filing by due date causes an undue burden, a request for extension should be directed to that office.

D. PLEASE READ INSTRUCTIONS BEFORE COMPLETING REPORT
Figures for dollars, (Items C, D, and E) should be rounded to THOUSANDS. If you wish you may report to the nearest unit. In either case, please be careful to enter your figures in the CORRECT COLUMNS. (See example below)

EXAMPLE

If the payroll is \$1,125,628.28:		Census	
Mil- lions	Thou- sands	Dol- lars	Census
000	000	000	XX
\$ 1	126		XX
\$ 1	125	628	XX

Preferred method →
Acceptable method →

ITEM A - GENERAL INFORMATION

- NAME OF ESTABLISHMENT
- LOCATION OF ESTABLISHMENT
 - Street and number at establishment location
 - Place (City, Village, Town, Township)
 - Is the establishment within the legal boundary of the place reported in (b) above?..... ☐ Yes ☐ No
 - County
 - State

3. FORM OF OWNERSHIP AT END OF 1963 (Check one)

- ☐ Individual proprietor
- ☐ Partnership
- ☐ Corporation (Do not include any form of cooperative association)
- ☐ Cooperative association (corporate or noncorporate)
- ☐ Other (Specify) _____

CONFIDENTIAL - Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.

In correspondence pertaining to this report please refer to the 11-digit file number in the box above your name.

MC- 36Z (3630)

(Please correct if mailing address has changed)

ITEM E - VALUE OF ALL PRODUCTS SOLD OR SHIPPED, AND OTHER RECEIPTS

- Please describe the work that is done at this establishment (plant)
Examples: Make mica parts for radios; assemble electric sockets.

2. Not applicable to this form.

3. PRODUCTS AND SERVICES

Line No.	Report the value of products made in this establishment in 1963. (If your products are not printed in the list below, describe them on the blank lines, and enter the amount sold or shipped.) (See instructions on reverse side)	8	8-1XX Census product code (B-1)	8-4 Value of products shipped and other receipts (E)		
				Mil- lions	Thou- sands	Dol- lars
1	Test equipment for testing electrical, radio, and communication circuits, and motors	36112	20	91	\$	XX
2	Electrical measuring instruments, except integrating	36113	30	61	\$	XX
3	Switchgear and switchboard apparatus	36130	00	37	\$	XX
4	Industrial controls	36220	99	48	\$	XX

4. FEDERAL SOCIAL SECURITY IDENTIFICATION NUMBER

Enter identification number used for this establishment (as shown on Employer's Quarterly Federal Tax Return, Treasury Form 941).

ITEM B - NUMBER OF EMPLOYEES (Exclude proprietor and partners)

Report the total number of paid employees during pay period ended nearest the 15th of:

1. March 1963

2. May 1963

3. August 1963

4. November 1963

ITEM C - PAYROLLS

(Exclude payments to proprietor and partners)

Salaries and wages paid in 1963

TOTAL

ITEM D - COST OF MATERIALS, PARTS, SUPPLIES, FUELS, ELECTRICITY, AND CONTRACT WORK

Cost of materials, parts, components, supplies, containers, fuels, and electricity consumed in 1963. (Include the cost of work done for you by others on your own materials, and the cost of products bought and resold without further manufacture, processing, or assembly.)

FOR CENSUS USE ONLY

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized person

Title

Date

5	Small household-electric appliances (Specify kind)	36343 10	\$	XX
6	Parts and attachments for small household electrical appliances	36344 99	\$	XX
7	Portable lamps (residential - table, floor, wall, etc.)	36427 99	\$	XX
8	Current-carrying wiring devices	36430 00	\$	XX
9	Noncurrent-carrying wiring devices and supplies, except transmission hardware and conduit	36443 00	\$	XX
10	Radio and television broadcast equipment, and closed circuit systems	36622 99	\$	XX
11	Electronic components and accessories, including parts for electron tubes (except glass blanks)	36795 00	\$	XX
12	Storage batteries, SLI type	36911 99	\$	XX
13	All other products (List separately and describe)		\$	XX
14			\$	XX
15			\$	XX
16			\$	XX
17	Receipts for work or services performed by you for others on their materials. (Describe operation performed and product)		\$	XX
18	Miscellaneous receipts (Repair work, installation, sales of scrap, etc.) (Describe)	93000 99	\$	XX
19		99980 99	\$	XX
20	Sales of products bought and resold without further manufacture, processing or assembly in this establishment. (The cost of such products should be reported in item D.)	99989 99	\$	XX
21	TOTAL (Sum of Lines 1-20)	77000 99	\$	XX

INSTRUCTIONS

Item B - Number of Employees—Report the total number of employees paid during the pay period ending nearest the 15th of the specified months. If an unincorporated business, exclude proprietor and partners from the reported totals.

Item C - Payrolls—Report the total paid as wages, salaries, bonuses and commission during 1963. If an unincorporated business, exclude payment to proprietor or partners. The definition of salaries and wages used for calculating the withholding tax may be followed.

Item D - Cost of Materials, Parts, Supplies, Fuels, Electricity, and Contract Work—Report the cost of all materials, parts, supplies, and containers consumed during 1963, which were used (a) directly to produce products, (b) as operating supplies, and (c) for repair and maintenance. Include the cost of goods bought for resale, the value for which is reported separately in Item E, Line 20. Include also the cost of fuels and electricity purchased.

The total reported should also include the cost of materials owned by you but processed by other companies which make products under contract for your firm and the cost of such contract work.

Item E-3 - Value of All Products Sold or Shipped, and Other Receipts—Enter on Line 21, Column (E), the total receipts from products sold or shipped, or services performed by this establishment during 1963. Account for all receipts of this establishment. Then report separately on Lines 1-12 in Column (E) the value of shipments of each product listed. Do not combine pre-printed product lines.

Lines 13-17—If some of the products you made in 1963 are not listed, please list each such product on a separate line under "All other products," and enter in Column (E) the 1963 value of shipments.

Line 20—Report sales of products which were resold as originally purchased and not used in further manufacturing, processing, or assembling of products made in this establishment.

After completing this schedule, would you please—

- Review to see that entries have been made for all applicable items.
- Compare the sum reported for payrolls (Item C) and Materials (Item D) with the total reported in Item E-3, Total Value of Products Shipped and Other Receipts.
- If the sum for Items C and D exceeds the total on Line 21, Item E-3, please explain in "Remarks."

Remarks

PLEASE NOTE: In all correspondence with the Census Bureau, please include the 11-digit file number which appears in the address box of the report form. High-speed electronic equipment will be used to identify both the correspondence and the reports in the 1963 Economic Censuses. If your correspondence does not include the Census file number it will be returned for the addition of that number. Address all correspondence to JEFFERSONVILLE CENSUS OPERATIONS OFFICE, 1201 East 10th Street, Jeffersonville, Indiana.

Please do not mark or mar the two lines of symbols above the address on each form. These symbols or rectangles which are unique to each establishment will be photographed and used to record mechanically the receipt of your report form.

DUE DATE: SIXTY DAYS AFTER RECEIPT OF FORM

Form Approved: Budget Bureau No. 41-6244

FORM MC-D3 (12-24-63)		U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	
1963 CENSUS OF MANUFACTURES DEPARTMENT OF DEFENSE ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURING AND ASSEMBLY AND/OR RESEARCH AND DEVELOPMENT OWNED AND OPERATED BY THE DEPARTMENT OF DEFENSE (Includes shipyards)		CONFIDENTIAL - Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.	
INSTRUCTIONS - This report is to be prepared by those Department of Defense establishments whose primary activities are manufacture and assembly and/or research and development. All shipyards are included. The information requested is based upon reports now regularly prepared by most such establishments.		In correspondence pertaining to this report please refer to the 11-digit file number in the box above your name. Form MC-D3	
ITEM 1 - NAME AND PHYSICAL LOCATION OF ESTABLISHMENT ON DECEMBER 31, 1963		KEEP THIS COPY FOR YOUR FILES PLEASE COMPLETE AND RETURN THE FORM WHICH SHOWS YOUR NAME AND ADDRESS (Please correct if mailing address has changed)	
a. Name of establishment Your answers to parts b, c, d, e, and f of this item should relate to the ACTUAL PHYSICAL LOCATION of this establishment which may be different from the mailing address.		d. Is this establishment physically located within the legal boundaries of the place named in "c"? <input type="checkbox"/> Yes <input type="checkbox"/> No	
b. Street and number at establishment location *		e. County in which located	
*If establishment location cannot be described by street and number, give name and number, if any, of road or highway and sufficient information to locate establishment, e.g. Rt. 25, 3 miles south of Charlesville.		f. State	
c. Type and name of place in which located (Check first applicable type and enter name of place.)		g. Telephone number of establishment	
Type	Name of place		
<input type="checkbox"/> City			
<input type="checkbox"/> Village or borough			
<input type="checkbox"/> Town			
<input type="checkbox"/> Township			
<input type="checkbox"/> Other (Specify)			
ITEM 3 - NATURE OF ACTIVITY Describe briefly the kind of activity of this establishment. If a manufacturing plant, list the three most important products.			

ITEM 4 EMPLOYMENT AND PAYROLLS IN CALENDAR YEAR 1963 (Civilian employees only)	Class of employee	Number of civilian employees in 1963					Total wages and salaries of civilian employees (Thousands) (G)	
		At end of month (As reported on Civil Service form SF-113*)				Sum of columns A, B, C, and D (E)		Column E divided by 4 (F)
		March (A)	June (B)	September (C)	December (D)			
	a. Wage Board employees						\$	
	b. All others						\$	
	c. TOTAL CIVILIAN EMPLOYEES (Sum of lines a and b)						\$	

* The number of Wage Board employees (line a) should be the same as reported on line 7 of SF-113. The total (line c) should be the same as reported on line 1 of SF-113.

ITEM 5 MAN-DAYS OF WAGE BOARD EMPLOYEES BY CALENDAR QUARTER 1963	Enter the total number of man-days of Wage Board employees for each calendar quarter of 1963. Do not include days paid for vacations, holidays, or sick leave.	1963 Quarterly period		Estimated number of man-hours** (Thousands) (B)
		Man-days (Thousands) (A)		
	a. January through March			
	b. April through June			
	c. July through September			
	d. October through December			
	e. TOTAL, 1963 (Sum of lines a, b, c, and d)			

** Obtain figure for column (B) by multiplying column (A) by average number of hours per day per Wage Board employees in this establishment

Please continue on page 2

Enter below the specified classes of billings of this establishment for calendar year 1963.		Line No.	Value (Thousands of dollars)
ITEM 6 BILLINGS BY THIS ESTABLISH- MENT DURING CALENDAR YEAR 1963	Billings for products and services (including progress billings)		
	Manufacture and assembly	1	\$
	Construction and conversion	2	\$
	Overhaul, repair and renovation	3	\$
	Alteration and modification	4	\$
	Research and development	5	\$
	Other billings	6	\$
	Total billings for products and services	7	\$
	Increase or decrease in unbilled costs of work in progress	8	\$
ITEM 7 COSTS DURING CALENDAR YEAR 1963	TOTAL EARNED REVENUE —————→	9	\$
	Types of costs incurred	Line No.	Costs (Thousands of dollars)
	Materials, supplies and parts used	1	\$
	Salaries and wages (Same as item 4c, column (G))	2	\$
	Contractual services and other costs	3	\$
	TOTAL COSTS INCURRED —————→	4	\$

**ITEM 8
CHECKS TO
ASSURE A
COMPLETE
AND
ACCURATE
REPORT**

(Please
complete
this item
after you
have answered
all items on
this report.)

The Census Bureau reviews your report for omissions, inconsistencies, and unusual ratios. To save you future correspondence about these problems, please make the following checks before returning your report:

- Review this report carefully to see that no items are omitted.
- Calculate and enter the four "reasonableness" checks (described below), then review the resulting figures.
- Correct your report for any errors you find; explain unusual figures in "Remarks" section.

"Reasonableness" checks	Calculation required for each check	Resulting figures for 1963
(1) Average hourly wages per Wage Board employee	Item 4a, column G (Wages paid Wage Board employees) ÷ item 5e, column B (Total estimated man-hours)	\$
(2) Man-days per year per Wage Board employee	Item 5e, column A (Wage Board man-days in thousands) x 1,000 ÷ item 4a, column F (Average number of Wage Board employees)	Man-days
(3) Wages and salaries per dollar of earned revenue	Item 7, line 2, (Wages and salaries of civilian employees) ÷ item 6, line 9 (Total earned revenue)	\$
(4) Is the total earned revenue (item 6, total) greater than total costs incurred (item 7, total)? <input type="checkbox"/> Yes <input type="checkbox"/> No (If "No," please explain in "Remarks" section.)	

**ITEM 9
REMARKS
PERTAINING
TO THIS
REPORT**

**PERIOD
OF REPORT**

This report covers the period from _____ to _____.

ITEM 10

Name of person to be contacted regarding this report

Address

Telephone No.

ITEM 11

CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.

Name of company

Address

Signature of authorized official

Title

Date

<p>FORM MA-175 (6-29-64)</p> <p>U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS</p> <p align="center">REPORT ON SHIPMENTS TO OR RECEIPTS FOR WORK DONE FOR FEDERAL GOVERNMENT AGENCIES AND THEIR CONTRACTORS AND SUPPLIERS IN 1963</p> <p align="center">(Based on the Total Shipment Figures from the Annual Survey of Manufactures, Census Form MA-100)</p> <p>TO: Bureau of the Census, Industry Division Washington, D.C. 20233</p>	<p>CONFIDENTIAL - Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.</p> <p>ITEM 1 - In correspondence about the report for this establishment, please refer to your 11-digit file number below.</p> <p align="center">(PLEASE RETURN THIS COPY)</p>					
<p>ITEM 2 Please check the box which describes the 1963 receipts for shipments or other work done in this plant for Federal Government agencies and their contractors and suppliers:</p> <p style="text-align: center;"> <input type="checkbox"/> None <input type="checkbox"/> Up to \$100,000 <input type="checkbox"/> \$100,000 or more </p> <p>For purposes of this report, such receipts will include payments received by you for work done by you on Federal Government prime contracts as well as the value of materials, components, subassemblies, and services supplied by you to Federal Government contractors and suppliers for use in their performance of Federal Government contracts.</p> <p>If your response to this question was "\$100,000 or more," please complete the form on the reverse side. Otherwise, sign the form in the space provided below and return it.</p>						
<p align="center">INTRODUCTORY NOTE</p> <p>The Census Bureau is conducting this survey to develop a measure of the level of industrial activity generated by the expenditures made by Federal Government agencies. Special attention is directed toward expenditures made by the Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the Atomic Energy Commission (AEC).</p> <p>Industrial activity generated by Federal Government expenditures is being measured in terms of receipts (including value of shipments) for work done, or for value of products shipped to Federal agencies, their contractors, subcontractors and suppliers. For each plant covered by the report such receipts will consist of two kinds of payments. The first is payments received for work done directly for Federal agencies on Government prime contracts. The second is payments received for work done for other Government contractors and suppliers for use in the performance of Federal Government contracts. Subcontract receipts reported will normally be based on payments made for work done on Government subcontracts when subject to the Renegotiation Act of 1951, as amended. These receipts should include the value of materials, components, subassemblies, and services supplied to other plants of the company (interplant transfers) as well as to contractors and suppliers outside the company for use in the performance of contracts. This is in accord with standard Census reporting procedures.</p> <p>This survey is being conducted on an establishment or plant basis. This method of reporting is necessary so that the data reported by each plant may be tabulated by the geographic area in which the work is actually being performed. Additionally, it will permit the data to be classified by appropriate product class and Standard Industrial Classification.</p>						
<p align="center">SPECIFIC INSTRUCTIONS</p> <p>Except as may be specifically requested, a report should be submitted for each establishment for which you received a preaddressed form. If additional forms are needed, please write to us specifying the address of the establishment for which a blank form is required. If you have any questions about the survey, write to the Bureau of the Census, Washington, D.C., 20233, referring to form MA-175 and to the file number in the upper right-hand corner of the address box. The basic concepts used in this survey (establishment, shipments, receipts, materials consumed, employment, etc.) are the same as those used in the Annual Survey of Manufactures (Form MA-100), and related figures reported on each form should agree.</p> <p>Columns (1), (2), and (3) - These entries--lines a through l--should correspond with those entered in item 9 and item 9A for the Product Class Description, the Product Class Code, and the 1963 data column from the related Census form MA-100 for 1963.</p> <p>The three lines "i," "j," and "k" that follow specific product class entries, are in the same position in which they appear on form MA-100. Only "i" is expected to be of particular importance on form MA-175; "i" is an item primarily of interest to manufacturing industries not covered by form MA-175, such as textiles and apparel, coating and engraving, etc.; "k" is used by manufacturers to list the shipments of products they buy and ship without any manufacturing or assembling, usually to round out a product line. Line "j" on the other hand, can be very important in this survey. Receipts for research and development that have not been separately identified on form MA-100 should be reported here. (Note that research and development receipts for certain aerospace activities are to be supplied in lines "a" - "h" in the appropriate class of product (37216, 37223, 37226, 37293, 37294, 19253).) Line "j" would also be used for reporting receipts for installation or testing. Installation or testing costs of more than \$1 million done at other locations should not be reported on the form for the manufacturing plant. Instead, a separate MA-175 form should be filed for each such installation or test site. If you have such cases, it would be desirable to write to the Census Bureau describing the situation before completing the MA-175 forms.</p> <p>Columns (4) through (7) - Data reported should represent the total value of shipments, billings, or receipts (in \$000) from Federal Government agencies during 1963. For long lead time production or research, development, testing, and evaluation programs, the value of work done during the year is reported on the Annual Survey of Manufactures and on this report. Such a figure is represented by net billings, or payments received by you (including progress payments), for work done during the year. This method of estimating shipments to the Government has frequent application to work done on aircraft, ships, missiles, space vehicles, and the like, as well as work done on related systems.</p> <p>Columns (8) through (13) - Data reported should represent the value of receipts (in \$000) for work done by you for Government prime contractors and subcontractors for use in the performance of Government contracts. It is recognized that indirect Government work is not always identified as such. In view of this, it will be acceptable to use as a base receipts on Government subcontracts subject to the Renegotiation Act of 1951, as amended. Note particularly that the value of transfers to other plants of the company as well as receipts from contractors outside the company are to be included.</p> <p>Columns (8) through (11) - Data entered should represent the value of receipts (in \$000) for work done by you on subcontracts of DOD, NASA, AEC, and other Government agencies when the Government agency placing the prime contract is known to you.</p> <p>Columns (12) or (13) - Receipts for work done by you on Government subcontracts for which Government agency the prime contract is not specifically known to you should be entered. If you know that the subcontract work is for DOD, NASA, or AEC, but you cannot specifically determine which, enter the value of receipts (in \$000) in column (12). If the subcontract work is for another Government agency, or for a Government agency unknown to you, enter the value of receipts (in \$000) in column (13).</p> <p>Column (14) - Data reported should represent the difference between the total values of shipments and/or receipts, column (3), and the sum of entries in columns (4) through (13).</p>						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; height: 30px; vertical-align: bottom;">Name of person to contact regarding this report</td> <td style="width: 33%; height: 30px; vertical-align: bottom;">Address (Number and street, city, State, ZIP code)</td> <td style="width: 33%; height: 30px; vertical-align: bottom;">Telephone No.</td> </tr> </table>		Name of person to contact regarding this report	Address (Number and street, city, State, ZIP code)	Telephone No.		
Name of person to contact regarding this report	Address (Number and street, city, State, ZIP code)	Telephone No.				
<p>CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 30px; vertical-align: bottom;">Name of company</td> <td style="width: 50%; height: 30px; vertical-align: bottom;">Address (Number and street, city, State, ZIP code)</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; height: 30px; vertical-align: bottom;">Signature of authorized official</td> <td style="width: 33%; height: 30px; vertical-align: bottom;">Title</td> <td style="width: 33%; height: 30px; vertical-align: bottom;">Date</td> </tr> </table>		Name of company	Address (Number and street, city, State, ZIP code)	Signature of authorized official	Title	Date
Name of company	Address (Number and street, city, State, ZIP code)					
Signature of authorized official	Title	Date				

REPORT ON SHIPMENTS TO OR RECEIPTS FOR WORK DONE FOR FEDERAL GOVERNMENT AGENCIES AND THEIR CONTRACTORS AND SUPPLIERS IN 1963													
ITEM 3	a. Total employment of this establishment, average for the year 1963 (Same as item 2b, 1963 column, Census form MA-100)	Total employees	b. Total materials, fuels consumed, etc., in 1963 by this establishment for all purposes (Same as item 5f, 1963 column, Census form MA-100)	Thousands of dollars	c. Name of establishment (Enter from address box on front of form)	d. 11-digit file No.							
ITEM 4 - VALUE OF SHIPMENTS AND OTHER RECEIPTS OF THIS ESTABLISHMENT IN 1963 (Report values in thousands of dollars)													
Product classes of this establishment (Describe)	Product class code	Total value of shipments and/or receipts	Shipments to or receipts for work done for Federal Government agencies and their contractors and suppliers in 1963						Other shipments (Column 3 minus column 4 through column 13)				
			Direct on prime contracts				Indirect on subcontracts						
			DOD	NASA	AEC	Other Federal agencies	DOD	NASA		AEC	Other	Government agency specifically known not specifically known	Either DOD, NASA, or AEC	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
a.													
b.													
c.													
d.													
e.													
f.													
g.													
h.													
i. Receipts for work or services performed by you for others on their materials (Describe)													
j. Other receipts - Particularly R and D not identified as to specific product class, and receipts for installation or testing (See instructions)	93000												
k. Shipments of products bought and resold without further manufacture, processing, or assembly	99980												
l. TOTAL (Same as item 9, line 1, 1963 column, Census form MA-100)	99989												
	77000												

FORM MA-175 (6-29-64)

FORM MA-161 (6-23-64) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS <div style="text-align: center;">EXPORTS OF MANUFACTURED PRODUCTS 1963</div> <div style="text-align: center;">PLANT REPORT</div>	CONFIDENTIAL —Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process. Item 1 — Name and address of manufacturing plant (<i>In correspondence pertaining to this report please refer to the 11-digit file number in the box above your name.</i>)	
TO: Bureau of the Census, Industry Division Washington, D.C. 20233	(PLEASE RETURN THIS COPY)	
PLEASE READ INSTRUCTIONS ON REVERSE SIDE BEFORE COMPLETING YOUR REPORT.		
Item 2 Did the plant identified in item 1 produce for export in 1963 more than \$25,000 worth of products? (i.e., did it export this amount either directly or through some other parts of your company or its affiliates, or do you know that shipments of the plant to others were for export without further processing?) <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If your response to this question is "No," sign the form in the space provided below and return it.</i>		
Item 3 Total value of products shipped and other receipts in 1963, and exports in 1963 a. Total value of products shipped and other receipts of this establishment in 1963 (Same as item 9, total for 1963 on your file copy of Form MA-100, Annual Survey of Manufactures) \$ b. Products of this establishment exported by your company including products of this establishment shipped to others for export, 1963. (Included in 3a, above) \$	(Thousands of dollars)	
Item 4 Number of employees at this plant in 1963 (Same as your file copy of Form MA-100, Annual Survey of Manufactures, item 2, line h, 1963 column. The figure is an average of production workers plus all other employees.)	(Number)	
Item 5 Products of this establishment exported by your company in 1960 (Please be sure the figure posted for 1960 is consistent with the 1963 figure entered in item 3b, above. Make revision, if necessary.) → \$	(Thousands of dollars)	
FOR CENSUS USE ONLY		
Remarks		
Name of person to contact regarding this report	Address (Number and street, city, State, ZIP code)	Telephone No.
CERTIFICATION — This report is substantially accurate and has been prepared in accordance with instructions.		
Name of company	Address (Number and street, city, State, ZIP code)	
Signature of authorized official	Title	Date

INSTRUCTIONS

INTRODUCTORY NOTE

We are conducting this survey to obtain statistics on the origin of exports of manufactured goods by States and smaller areas. This information is needed by various branches of government to assess the impact of foreign trade on the economy. If you have any questions about the survey, please write to the Bureau of the Census, Washington, D.C., 20233, referring to form MA-161 and to the 11-digit file number in the address box.

This survey is being conducted on an establishment or plant basis. This method of reporting is necessary so that export figures reported by each plant may be tabulated in the proper geographic area. A report is required for each establishment for which you received a preaddressed form. If additional forms are needed, please write to us, specifying the address of the establishment for which a blank form is required.

If the figures requested are not readily available from your records, carefully prepared estimates will be accepted.

DEFINITION OF EXPORTS

The following description of exports is consistent with definitions used in compiling official foreign trade statistics of the United States. It is provided as a guide for respondents. A manufacturer would be expected to report according to his own definitions except where major differences might be expected. In such cases, he would be expected to estimate rather than compile revised data from detailed records.¹

Exports as understood in this survey include shipments from the United States to foreign countries of products which are not subjected to further manufacture, fabrication, or assembly in this country before being shipped abroad. Exports include shipments to foreign subsidiaries or divisions of your company and its affiliates. Sales to the United States Government for shipment abroad are considered an export if the products are for a foreign nation. They are not classified as an export if for use by the United States Armed Forces.

¹ For example, some manufacturers are known to treat sales to Post Exchanges or to Puerto Rico differently than here described. These differences in most cases are not statistically significant.

Sales (shipments) to customers in Canada are classified as exports. Shipments to Alaska and Hawaii are not exports. Shipments to Puerto Rico are not classified as exports.

Exports do not include products shipped to domestic customers or other plants of your company who will further manufacture, fabricate, or assemble them. Please note, however, that the breaking down of bulk shipments of your products into smaller lots or packages by a wholesale exporter or by other units of your company is not considered to be further manufacturing, processing, or assembly.

EXPORT VALUES

The export values to be reported on this form should be on the same basis as the values in item 3a, total shipments of the plant in 1963.

EXPORTS OF THE PRODUCTS OF THIS PLANT BY THIS FIRM (item 3b)

Item 3b will include—Export shipments of your products by this establishment and export shipments of the products of this establishment by or on order of other parts of your company or its affiliates such as sales branches, sales offices, warehouses, export offices, and export subsidiaries.

It will also include—Sales for export of your products to or on order of export firms, and other sales known to you to be for export. Also, sales to the United States Government in this country for shipment abroad under military and economic assistance programs.

1960 EXPORTS

The value of products shipped for export by this establishment in 1960 has been entered in item 5, wherever the 1960 report form could be precisely matched. Please be sure the figure posted for 1960 is consistent with the 1963 figure entered in item 3b. Make revision, if necessary.

If no figure has been posted but the 1960 export figure is readily available, please enter the 1960 figure in item 5, otherwise leave the item blank.

Appendix E

AUTHORITY FOR CENSUS: TITLE 13, UNITED STATES CODE

(Codification of August 1954 amended by Acts of August 1957, September 1960, and June and October 1962)

Collection and publication: Five-year periods (131)

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses . . . in the year 1954 and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof: **Provided**, That the censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades and service establishments, directed to be taken in the year 1954 relating to the year 1953, shall be taken instead in the year 1955 relating to the year 1954.

Geographic scope of censuses (191a)

Each of the censuses authorized by this chapter (other than censuses of population) shall include each State, the District of Columbia, Alaska, Hawaii, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States

exercises jurisdiction, control, or sovereignty. Censuses of population shall include all geographic areas referred to in the preceding sentence. Inclusion of other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.

Failure to answer questions affecting companies, businesses, religious bodies, and other organizations: False answers (224)

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by certified mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than \$500 or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000 or imprisoned not more than one year, or both.

Appendix F

STANDARD METROPOLITAN STATISTICAL AREAS

(Area titles and definitions of the 2 Standard Consolidated Areas and the 217 Standard Metropolitan Statistical Areas in the United States established by the Bureau of the Budget as of August 4, 1964)

Chicago, Ill.-Northwestern Indiana Standard Consolidated Area	Consists of Chicago, Ill., and Gary-Hammond-East Chicago, Ind., Standard Metropolitan Statistical Areas
New York, N.Y.-Northeastern New Jersey Standard Consolidated Area	Consists of the following Standard Metropolitan Statistical Areas: New York, N.Y.; Newark, N.J.; Jersey City, N.J.; Paterson-Clifton-Passaic, N.J.; and of Middlesex and Somerset Counties, N.J.
Abilene, Tex.	Consists of Jones and Taylor Counties, Tex.
Akron, Ohio	Consists of Portage and Summit Counties, Ohio
Albany, Ga.	Coextensive with Dougherty County, Ga.
Albany-Schenectady-Troy, N.Y.	Consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, N.Y.
Albuquerque, N. Mex.	Coextensive with Bernalillo County, N. Mex.
Allentown-Bethlehem-Easton, Pa.-N.J.	Consists of Lehigh and Northampton Counties, Pa.; and Warren County, N.J.
Altoona, Pa.	Coextensive with Blair County, Pa.
Amarillo, Tex.	Consists of Potter and Randall Counties, Tex.
Anaheim-Santa Ana-Garden Grove, Calif.	Coextensive with Orange County, Calif.
Ann Arbor, Mich.	Coextensive with Washtenaw County, Mich.
Asheville, N.C.	Coextensive with Buncombe County, N.C.
Atlanta, Ga.	Consists of Clayton, Cobb, De Kalb, Fulton, and Gwinnett Counties, Ga.
Atlantic City, N.J.	Coextensive with Atlantic County, N.J.
Augusta, Ga.-S.C.	Consists of Richmond County, Ga., and Aiken County, S.C.
Austin, Tex.	Coextensive with Travis County, Tex.
Bakersfield, Calif.	Coextensive with Kern County, Calif.
Baltimore, Md.	Consists of Baltimore city and Anne Arundel, Baltimore, Carroll, and Howard Counties, Md.
Baton Rouge, La.	Coextensive with East Baton Rouge Parish, La.
Bay City, Mich.	Coextensive with Bay County, Mich.
Beaumont-Port Arthur, Tex.	Consists of Jefferson and Orange Counties, Tex.
Billings, Mont.	Coextensive with Yellowstone County, Mont.
Binghamton, N.Y.-Pa.	Consists of Broome and Tioga Counties, N.Y., and Susquehanna County, Pa.
Birmingham, Ala.	Coextensive with Jefferson County, Ala.
Boise City, Idaho	Coextensive with Ada County, Idaho
Boston, Mass.	Consists of all of Suffolk County; Beverly, Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Quincy city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Mass.
Bridgeport, Conn.	Consists of Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; and Milford town in New Haven County, Conn.
Brockton, Mass.	Consists of Easton town in Bristol County; Avon and Stoughton towns in Norfolk County; and Brockton city, and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County, Mass.
Brownsville-Harlingen-San Benito, Tex.	Coextensive with Cameron County, Tex.
Buffalo, N.Y.	Consists of Erie and Niagara Counties, N.Y.
Canton, Ohio	Coextensive with Stark County, Ohio
Cedar Rapids, Iowa	Coextensive with Linn County, Iowa
Champaign-Urbana, Ill.	Coextensive with Champaign County, Ill.
Charleston, S.C.	Consists of Berkeley and Charleston Counties, S.C.
Charleston, W. Va.	Coextensive with Kanawha County, W. Va.
Charlotte, N.C.	Consists of Mecklenburg and Union Counties, N.C.
Chattanooga, Tenn.-Ga.	Consists of Hamilton County, Tenn., and Walker County, Ga.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Chicago, Ill. _____	Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Ill.
Cincinnati, Ohio-Ky.-Ind. _____	Consists of Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; and Dearborn County, Ind.
Cleveland, Ohio _____	Consists of Cuyahoga, Geauga, Lake, and Medina Counties, Ohio
Colorado Springs, Colo. _____	Coextensive with El Paso County, Colo.
Columbia, S.C. _____	Consists of Lexington and Richland Counties, S.C.
Columbus, Ga.-Ala. _____	Consists of Chattahoochee and Muscogee Counties, Ga., and Russell County, Ala.
Columbus, Ohio _____	Consists of Delaware, Franklin, and Pickaway Counties, Ohio
Corpus Christi, Tex. _____	Coextensive with Nueces County, Tex.
Dallas, Tex. _____	Consists of Collin, Dallas, Denton, and Ellis Counties, Tex.
Davenport-Rock Island-Moline, Iowa-Ill. _____	Consists of Scott County, Iowa, and Henry and Rock Island Counties, Ill.
Dayton, Ohio. _____	Consists of Greene, Miami, Montgomery, and Preble Counties, Ohio
Decatur, Ill. _____	Coextensive with Macon County, Ill.
Denver, Colo. _____	Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colo.
Des Moines, Iowa _____	Coextensive with Polk County, Iowa
Detroit, Mich. _____	Consists of Macomb, Oakland, and Wayne Counties, Mich.
Dubuque, Iowa _____	Coextensive with Dubuque County, Iowa
Duluth-Superior, Minn.-Wis. _____	Consists of St. Louis County, Minn., and Douglas County, Wis.
Durham, N.C. _____	Coextensive with Durham County, N.C.
El Paso, Tex. _____	Coextensive with El Paso County, Tex.
Erie, Pa. _____	Coextensive with Erie County, Pa.
Eugene, Oreg. _____	Coextensive with Lane County, Oreg.
Evansville, Ind.-Ky. _____	Consists of Vanderburgh and Warrick Counties, Ind., and Henderson County, Ky.
Fall River, Mass.-R.I. _____	Consists of Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; and Tiverton town in Newport County, R.I.
Fargo-Moorhead, N. Dak.-Minn. _____	Consists of Cass County, N. Dak., and Clay County, Minn.
Fitchburg-Leominster, Mass. _____	Consists of Shirley and Townsend towns in Middlesex County; and Fitchburg and Leominster cities, and Lunenburg and Westminster towns in Worcester County, Mass.
Flint, Mich. _____	Consists of Genesee and Lapeer Counties, Mich.
Fort Lauderdale-Hollywood, Fla. _____	Coextensive with Broward County, Fla.
Fort Smith, Ark.-Okla. _____	Consists of Crawford and Sebastian Counties, Ark.; and LeFlore and Sequoyah Counties, Okla.
Fort Wayne, Ind. _____	Coextensive with Allen County, Ind.
Fort Worth, Tex. _____	Consists of Johnson and Tarrant Counties, Tex.
Fresno, Calif. _____	Coextensive with Fresno County, Calif.
Gadsden, Ala. _____	Coextensive with Etowah County, Ala.
Galveston-Texas City, Tex. _____	Coextensive with Galveston County, Tex.
Gary-Hammond-East Chicago, Ind. _____	Consists of Lake and Porter Counties, Ind.
Grand Rapids, Mich. _____	Consists of Kent and Ottawa Counties, Mich.
Great Falls, Mont. _____	Coextensive with Cascade County, Mont.
Green Bay, Wis. _____	Coextensive with Brown County, Wis.
Greensboro-High Point, N.C. _____	Coextensive with Guilford County, N.C.
Greenville, S.C. _____	Consists of Greenville and Pickens Counties, S.C.
Hamilton-Middletown, Ohio _____	Coextensive with Butler County, Ohio
Harrisburg, Pa. _____	Consists of Cumberland, Dauphin, and Perry Counties, Pa.
Hartford, Conn. _____	Consists of Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Cromwell town in Middlesex County; and Andover, Bolton, Coventry, Ellington, and Vernon towns in Tolland County, Conn.
Honolulu, Hawaii _____	Coextensive with Honolulu County, Hawaii
Houston, Tex. _____	Coextensive with Harris County, Tex.
Huntington-Ashland, W. Va.-Ky.-Ohio _____	Consists of Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; and Lawrence County, Ohio
Huntsville, Ala. _____	Consists of Limestone and Madison Counties, Ala.
Indianapolis, Ind. _____	Consists of Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties, Ind.
Jackson, Mich. _____	Coextensive with Jackson County, Mich.
Jackson, Miss. _____	Consists of Hinds and Rankin Counties, Miss.
Jacksonville, Fla. _____	Coextensive with Duval County, Fla.
Jersey City, N.J. _____	Coextensive with Hudson County, N.J.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Johnstown, Pa.	Consists of Cambria and Somerset Counties, Pa.
Kalamazoo, Mich.	Coextensive with Kalamazoo County, Mich.
Kansas City, Mo.-Kans.	Consists of Cass, Clay, Jackson, and Platte Counties, Mo., and Johnson and Wyandotte Counties, Kans.
Kenosha, Wis.	Coextensive with Kenosha County, Wis.
Knoxville, Tenn.	Consists of Anderson, Blount, and Knox Counties, Tenn.
Lafayette, La.	Coextensive with Lafayette Parish, La.
Lake Charles, La.	Coextensive with Calcasieu Parish, La.
Lancaster, Pa.	Coextensive with Lancaster County, Pa.
Lansing, Mich.	Consists of Clinton, Eaton, and Ingham Counties, Mich.
Laredo, Tex.	Coextensive with Webb County, Tex.
Las Vegas, Nev.	Coextensive with Clark County, Nev.
Lawrence-Haverhill, Mass.-N.H.	Consists of Lawrence and Haverhill cities, and Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, and West Newbury towns in Essex County, Mass.; and Newton, Plaistow, and Salem towns in Rockingham County, N.H.
Lawton, Okla.	Coextensive with Comanche County, Okla.
Lewiston-Auburn, Maine	Consists of Auburn and Lewiston cities, and Lisbon town in Androscoggin County, Maine
Lexington, Ky.	Coextensive with Fayette County, Ky.
Lima, Ohio.	Coextensive with Allen County, Ohio
Lincoln, Nebr.	Coextensive with Lancaster County, Nebr.
Little Rock-North Little Rock, Ark.	Coextensive with Pulaski County, Ark.
Lorain-Elyria, Ohio	Coextensive with Lorain County, Ohio
Los Angeles-Long Beach, Calif.	Coextensive with Los Angeles County, Calif.
Louisville, Ky.-Ind.	Consists of Jefferson County, Ky., and Clark and Floyd Counties, Ind.
Lowell, Mass.	Consists of Lowell city, and Billerica, Chelmsford, Dracut, Tewksbury, Tyngsborough, and Westford towns in Middlesex County, Mass.
Lubbock, Tex.	Coextensive with Lubbock County, Tex.
Lynchburg, Va.	Consists of Lynchburg city, and Amherst and Campbell Counties, Va.
Macon, Ga.	Consists of Bibb and Houston Counties, Ga.
Madison, Wis.	Coextensive with Dane County, Wis.
Manchester, N.H.	Consists of Manchester city, and Bedford and Goffstown towns in Hillsborough County; and Hooksett town in Merrimack County, N.H.
Memphis, Tenn.-Ark.	Consists of Shelby County, Tenn., and Crittenden County, Ark.
Meriden, Conn.	Coextensive with Meriden city in New Haven County, Conn.
Miami, Fla.	Coextensive with Dade County, Fla.
Midland, Tex.	Coextensive with Midland County, Tex.
Milwaukee, Wis.	Consists of Milwaukee, Ozaukee, and Waukesha Counties, Wis.
Minneapolis-St. Paul, Minn.	Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington Counties, Minn.
Mobile, Ala.	Consists of Baldwin and Mobile Counties, Ala.
Monroe, La.	Coextensive with Ouachita Parish, La.
Montgomery, Ala.	Consists of Elmore and Montgomery Counties, Ala.
Muncie, Ind.	Coextensive with Delaware County, Ind.
Muskegon-Muskegon Heights, Mich.	Coextensive with Muskegon County, Mich.
Nashville, Tenn.	Consists of Davidson, Sumner, and Wilson Counties, Tenn.
New Bedford, Mass.	Consists of New Bedford city, and Acushnet, Dartmouth, and Fairhaven towns in Bristol County; and Marion and Mattapoisett towns in Plymouth County, Mass.
New Britain, Conn.	Consists of New Britain city, and Berlin, Plainville, and Southington towns in Hartford County, Conn.
New Haven, Conn.	Consists of New Haven city, and Bethany, Branford, East Haven, Guilford, Hamden, North Branford, North Haven, Orange, West Haven, and Woodbridge towns in New Haven County, Conn.
New London-Groton-Norwich, Conn.	Consists of New London and Norwich cities, and East Lyme, Griswold, Groton, Ledyard, Lisbon, Montville, Old Lyme, Preston, Sprague, Stonington, and Waterford towns in New London County, Conn.
New Orleans, La.	Consists of Jefferson, Orleans, St. Bernard, and St. Tammany Parishes, La.
New York, N.Y.	Consists of New York City, and Nassau, Rockland, Suffolk, and Westchester Counties, N.Y.
Newark, N.J.	Consists of Essex, Morris, and Union Counties, N.J.
Newport News-Hampton, Va.	Consists of Newport News and Hampton cities, and York County, Va.
Norfolk-Portsmouth, Va.	Consists of Chesapeake, Norfolk, Portsmouth, and Virginia Beach cities, Va.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Norwalk, Conn. -----	Consists of Norwalk city, and Westport and Wilton towns in Fairfield County, Conn.
Odessa, Tex. -----	Coextensive with Ector County, Tex.
Ogden, Utah -----	Coextensive with Weber County, Utah
Oklahoma City, Okla. -----	Consists of Canadian, Cleveland, and Oklahoma Counties, Okla.
Omaha, Nebr.-Iowa -----	Consists of Douglas and Sarpy Counties, Nebr., and Pottawattamie County, Iowa
Orlando, Fla. -----	Consists of Orange and Seminole Counties, Fla.
Paterson-Clifton-Passaic, N.J. -----	Consists of Bergen and Passaic Counties, N.J.
Pensacola, Fla. -----	Consists of Escambia and Santa Rosa Counties, Fla.
Peoria, Ill. -----	Consists of Peoria, Tazewell, and Woodford Counties, Ill.
Philadelphia, Pa.-N.J. -----	Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa., and Burlington, Camden, and Gloucester Counties, N.J.
Phoenix, Ariz. -----	Coextensive with Maricopa County, Ariz.
Pine Bluff, Ark. -----	Coextensive with Jefferson County, Ark.
Pittsburgh, Pa. -----	Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pa.
Pittsfield, Mass. -----	Consists of Pittsfield city, and Dalton, Lanesborough, Lee, and Lenox towns in Berkshire County, Mass.
Portland, Maine -----	Consists of Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Gorham, Scarborough, and Yarmouth towns in Cumberland County, Maine
Portland, Oreg.-Wash. -----	Consists of Clackamas, Multnomah, and Washington Counties, Oreg., and Clark County, Wash.
Providence-Pawtucket-Warwick, R.I.-Mass. -----	Consists of all of Bristol County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; and Narragansett and North Kingstown towns in Washington County, R.I. Also, Attleboro city and North Attleborough, Rehoboth, and Seekonk towns in Bristol County, Mass.; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, Mass.; and Blackstone and Millville towns in Worcester County, Mass.
Provo-Orem, Utah -----	Coextensive with Utah County, Utah
Pueblo, Colo. -----	Coextensive with Pueblo County, Colo.
Racine, Wis. -----	Coextensive with Racine County, Wis.
Raleigh, N.C. -----	Coextensive with Wake County, N.C.
Reading, Pa. -----	Coextensive with Berks County, Pa.
Reno, Nev. -----	Coextensive with Washoe County, Nev.
Richmond, Va. -----	Consists of Richmond city, and Chesterfield, Hanover, and Henrico Counties, Va.
Roanoke, Va. -----	Consists of Roanoke city and Roanoke County, Va.
Rochester, N.Y. -----	Consists of Livingston, Monroe, Orleans, and Wayne Counties, N.Y.
Rockford, Ill. -----	Consists of Boone and Winnebago Counties, Ill.
Sacramento, Calif. -----	Consists of Placer, Sacramento, and Yolo Counties, Calif.
Saginaw, Mich. -----	Coextensive with Saginaw County, Mich.
St. Joseph, Mo. -----	Coextensive with Buchanan County, Mo.
St. Louis, Mo.-Ill. -----	Consists of St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; and Madison and St. Clair Counties, Ill.
Salt Lake City, Utah -----	Consists of Davis and Salt Lake Counties, Utah
San Angelo, Tex. -----	Coextensive with Tom Green County, Tex.
San Antonio, Tex. -----	Consists of Bexar and Guadalupe Counties, Tex.
San Bernardino-Riverside-Ontario, Calif. -----	Consists of Riverside and San Bernardino Counties, Calif.
San Diego, Calif. -----	Coextensive with San Diego County, Calif.
San Francisco-Oakland, Calif. -----	Consists of Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties, Calif.
San Jose, Calif. -----	Coextensive with Santa Clara County, Calif.
Santa Barbara, Calif. -----	Coextensive with Santa Barbara County, Calif.
Savannah, Ga. -----	Coextensive with Chatham County, Ga.
Scranton, Pa. -----	Coextensive with Lackawanna County, Pa.
Seattle-Everett, Wash. -----	Consists of King and Snohomish Counties, Wash.
Shreveport, La. -----	Consists of Bossier and Caddo Parishes, La.
Sioux City, Iowa-Nebr. -----	Consists of Woodbury County, Iowa, and Dakota County, Nebr.
Sioux Falls, S. Dak. -----	Coextensive with Minnehaha County, S. Dak.
South Bend, Ind. -----	Consists of Marshall and St. Joseph Counties, Ind.
Spokane, Wash. -----	Coextensive with Spokane County, Wash.

STANDARD METROPOLITAN STATISTICAL AREAS—Continued

Springfield, Ill. -----	Coextensive with Sangamon County, Ill.
Springfield, Mo. -----	Coextensive with Greene County, Mo.
Springfield, Ohio -----	Coextensive with Clark County, Ohio
Springfield-Chicopee-Holyoke, Mass.-Conn. --	Consists of Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Hampden, Longmeadow, Ludlow, Monson, Palmer, Southwick, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Easthampton, Granby, Hadley, and South Hadley towns in Hampshire County; and Warren town in Worcester County, Mass.; and Somers town in Tolland County, Conn.
Stamford, Conn. -----	Consists of Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County, Conn.
Steubenville-Weirton, Ohio-W. Va. -----	Consists of Jefferson County, Ohio, and Brooke and Hancock Counties, W. Va.
Stockton, Calif. -----	Coextensive with San Joaquin County, Calif.
Syracuse, N.Y. -----	Consists of Madison, Onondaga, and Oswego Counties, N.Y.
Tacoma, Wash. -----	Coextensive with Pierce County, Wash.
Tampa-St. Petersburg, Fla. -----	Consists of Hillsborough and Pinellas Counties, Fla.
Terre Haute, Ind. -----	Consists of Clay, Sullivan, Vermillion, and Vigo Counties, Ind.
Texarkana, Tex.-Ark. -----	Consists of Bowie County, Tex., and Miller County, Ark.
Toledo, Ohio-Mich. -----	Consists of Lucas and Wood Counties, Ohio, and Monroe County, Mich.
Topeka, Kans. -----	Coextensive with Shawnee County, Kans.
Trenton, N.J. -----	Coextensive with Mercer County, N.J.
Tucson, Ariz. -----	Coextensive with Pima County, Ariz.
Tulsa, Okla. -----	Consists of Creek, Osage, and Tulsa Counties, Okla.
Tuscaloosa, Ala. -----	Coextensive with Tuscaloosa County, Ala.
Tyler, Tex. -----	Coextensive with Smith County, Tex.
Utica-Rome, N.Y. -----	Consists of Herkimer and Oneida Counties, N.Y.
Vallejo-Napa, Calif. -----	Consists of Napa and Solano Counties, Calif.
Waco, Tex. -----	Coextensive with McLennan County, Tex.
Washington, D.C.-Md.-Va. -----	* Consists of Washington, D.C.; Montgomery and Prince Georges Counties, Md.; and Alexandria, Fairfax, and Falls Church cities, and Arlington and Fairfax Counties, Va.
Waterbury, Conn. -----	Consists of Thomaston, Watertown, and Woodbury towns in Litchfield County; and Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott towns in New Haven, County, Conn.
Waterloo, Iowa -----	Coextensive with Black Hawk County, Iowa
West Palm Beach, Fla. -----	Coextensive with Palm Beach County, Fla.
Wheeling, W. Va.-Ohio -----	Consists of Marshall and Ohio Counties, W. Va., and Belmont County, Ohio
Wichita, Kans. -----	Consists of Butler and Sedgwick Counties, Kans.
Wichita Falls, Tex. -----	Consists of Archer and Wichita Counties, Tex.
Wilkes-Barre-Hazleton, Pa. -----	Coextensive with Luzerne County, Pa.
Wilmington, Del.-N.J.-Md. -----	Consists of New Castle County, Del., Salem County, N.J., and Cecil County, Md.
Winston-Salem, N.C. -----	Coextensive with Forsyth County, N.C.
Worcester, Mass. -----	Consists of Worcester city, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Shrewsbury, Spencer, Sterling, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Mass.
York, Pa. -----	Consists of Adams and York Counties, Pa.
Youngstown-Warren, Ohio -----	Consists of Mahoning and Trumbull Counties, Ohio

Appendix G

CURRENT INDUSTRIAL REPORTS (CIR) COMMODITY STATISTICS

This appendix lists the 1963 Current Industrial Reports (CIR), a series of commodity surveys conducted by the Bureau of the Census, together with their frequency of publication. From many of these CIR's, selected data for 1963 were included in table 6 of the industry chapters of Volume II of the 1963 Census of Manufactures. The extreme right column lists the page numbers in the volume, including page numbers for data-containing footnotes, where

CIR data (as published in the 1963 census) may be found. Where the column for page number reference is blank, it signifies that no data from that CIR were published in the 1963 Census of Manufactures. It is to be noted that the CIR numbers and titles in this appendix relate to designations as separate published reports. References in the 1963 census volume itself will usually be in terms of the number and title of the CIR survey forms as mailed to the respondent for reporting in 1963.

For "frequency of publication," the letter symbols have the following meaning: M = Monthly; Q = Quarterly; SA = Semiannually; and A = Annually. In the extreme right column "Ftn." represents "footnote," on the page shown immediately to the left.

Current Industrial Reports Commodity Statistics Included in Volume II of 1963 Census of Manufactures

CIR series number	Title	Frequency of publication	Pages of Volume II containing CIR data	CIR series number	Title	Frequency of publication	Pages of Volume II containing CIR data
M20A	Flour Milling Products	M		M30E	Plastics Bottles	M	
M20C	Confectionery (Including Chocolate Products)	M		M31A	Shoes and Slippers	M	
M20E	Poultry and Livestock Feed Production	A		M31E	Luggage, Briefcases, and Personal Leather Goods	M	31B-16
M20F	Salad Dressing, Mayonnaise, and Related Products	A	20C-24	M32C	Refractories	Q	32B-17; 32E-21, 23
M20J	Fats and Oils - Vegetable Oil Crushers	M		M32D	Clay Construction Products	M	32B-19, Ftn. 3
M20K	Fats and Oils - Production, Consumption, and Factory and Warehouse Stocks	M	20A-16, Ftn. 4	M32E	Pressed and Blown Glassware (Except Glass Containers)	A	32A-15, 16, 18
M22A	Woven Fabrics: Production, Inventories, and Unfilled Orders	M		M32G	Glass Containers	M	
M22D	Consumption on the Woolen and Worsted Systems	M	22F-23, Ftn. 6	M32J	Fibrous Glass	A	32A-18
M22E	Woolen and Worsted Machinery Activity	A		M33A	Iron and Steel Foundries and Steel Ingot Producers (Report on Products Shipped and Materials Used)	M	
M22F	Yarn Production	M	22E-14, Note and Ftn. 7	M33-1	Iron and Steel Castings	M	33B-13, Ftn. 1
M22G	Narrow Fabrics	A	22A-21	M33-2	Aluminum Ingot and Mill Products	M	33D-35, Ftn. 5
M22K	Knit Cloth for Sale	A	22B-29, 30	M33-3	Inventories of Steel Mill Shapes	M	
M22L	Tufted Textile Products	SA	23E-19	M33B	Steel Mill Products	A	33A-23-26, 29, 32, 34, 36, 38
M22M	Stocks of Carpet Wool and Related Fibers	Q		M33C	Commercial Steel Forgings	M	33A-26, Ftn. 5; 33E-12, Ftn. 2
M22P	Cotton, Man-Made Fiber Staple, and Linters	M		M33E	Nonferrous Castings	M	
M22Q	Rugs, Carpets, and Carpeting	A	22D-9	M33G	Magnesium Mill Products	M	33D-38
M22S	Cotton, Silk, and Man-Made Fiber Woven Goods Finished	A	22C-14, Ftn. 2	M34D	Metal Cans	M	33A-38; 34A-16
M22T.1	Cotton Broad-Woven Goods	Q	22A-22, Ftn. 2	M34E	Plumbing Fixtures	Q	24-C-17; 32C-13; 34B-12
M22T.2	Man-Made Fiber Broad-Woven Goods	Q		M34G	Steel Power Boilers	A	
M22T.3	Wool Broad-Woven Goods	Q	22A-22, Ftn. 7	M34H	Closures for Containers	M	34D-22, Ftn. 5
M22T.4	Tire Cord and Tire Cord Fabrics	Q	22F-20	M34K	Steel Shipping Barrels, Drums, and Pails	M	34E-25
M22T.5	Nonwoven Fabrics (Bonded Fiber Fabrics and Conventional Felts)	A	22F-22	M34N	Heating and Cooking Equipment	M	34B-13-17; 36B-17, 20, 25
M22T.6	Felts, Except Woven Felts and Hats	Q	23A-36-43, 43, Ftn. 4, 5; 23B-23-26, 26, Ftn. 9; 23C-31-37, 37, Ftn. 20; 23D-29	M34P	Aluminum Foil Converted	A	
M23A	Apparel	A		M35A	Farm Machines and Equipment	Q	35A-16, 43; 37C-24
M23B	Men's Apparel	M		M35C	Typewriters	M	
M23C	Knit Underwear and Nightwear	Q		M35D	Construction Machinery	Q	35B-19-23, 29
M23D	Gloves and Mittens	A	23D-28; 31B-16	M35F	Mining Machinery and Equipment	A	35B-24; 37C-22
M23H	Women's, Misses', and Juniors' Apparel	M		M35G	Farm Pumps	M	35E-19, 26
M23J	Brassieres, Corsets, and Allied Garments	A	23C-33, 37, Ftn. 12, 13, 23C-39; 23D-30	M35H	Fans, Blowers, and Unit Heaters	Q	34B-15, 16; 35E-21, 26
M23X	Sheets, Pillowcases, and Towels	A	22A-18; 23E-19, 20	M35L	Internal Combustion Engines	A	35A-15, 19-23, 43
M24C	Red Cedar Shingles	A		M35M	Air-Conditioning and Refrigeration Equipment	A	35G-18-24, 28
M24F	Hardwood Plywood: Production and Shipments	A	24B-12	M35P	Pumps and Compressors	A	35E-18-20, 26
M24H	Softwood Plywood and Veneer	A		M35R	Office, Computing, and Accounting Machines	A	35F-12, 13, 15
M24T	Lumber Production and Mill Stocks	A		M35S	Tractors (Except Garden Tractors)	M	35A-16, 40; 35B-19, 29
M25D	Household Furniture and Bedding Products	A		M35U	Vending Machines	A	35G-18
M25E	Mattresses and Bedsprings	M	25A-19	M35W	Metalworking Machinery	Q	35C-17, 27
M25H	Office Furniture	A	25B-21	M36A	Switchgear, Switchboard Apparatus, Relays, and Industrial Controls	A	36A-27, 36, 39, Ftn. 5, 36A-41; 36D-39, Ftn. 5
M26A	Pulp, Paper, and Board	M		M36B	Electric Lamps	Q	36C-14
M26F	Converted Flexible Packaging Products	M		M36C	Fluorescent Lamp Ballasts	Q	36A-26
M28A	Inorganic Chemicals and Gases	M	28A-20-31	M36D	Electric Lamps	M	
M28D	Superphosphate and Other Phosphatic Fertilizer Materials	M		M36E	Electric Housewares and Fans	A	36B-19, 25
M28F	Paint, Varnish, and Lacquer	M		M36H	Motors and Generators	A	36A-29, 41
M28G	Pharmaceutical Preparations, Except Biologicals	A	28C-9-13	M36K	Wiring Devices and Supplies	A	36C-17, 18
M28W	Animal Glue	M		M36L	Electric Lighting Fixtures	A	36C-15
M29A	Asphalt and Tar Roofing and Siding Products	M		M36M	Home-Type Radio Receivers and Television Sets, Automobile Radios, Phonographs, and Record Player Attachments	A	36D-27, 32
M30A	Rubber (Supply and Distribution for the United States)	M		M36N	Selected Electronic and Associated Products	A	36A-24; 36D-27-29, 32; 36E-15, 19
M30D	Shipments of Selected Plastics Products	A	30A-19-22	M37D	Backlog of Orders for Aerospace Companies	Q	
				M37E	Aircraft Propellers	SA	
				M37G	Complete Aircraft and Aircraft Engines	M	37B-18, Ftn. 3, 5
				M37L	Truck Trailers	M	37A-13, 14
				M38B	Selected Instruments and Related Products	A	19A-14; 36A-23, 41; 38A-25, 32
				M38Q	Atomic Energy Products	A	

Appendix H

COMPARABILITY OF PRODUCT CLASSES BETWEEN THE 1963 AND 1958 CENSUSES OF MANUFACTURERS

This appendix list those classes of products which were changed in coverage and/or in code between the 1958 and 1963 censuses of manufactures. Part 1 traces the comparability of classes as defined in 1963 and as changed from 1958; Part 2 shows comparability of classes as existing in 1958, and as altered for 1963.

The changed relationship between the classes of products between 1958 and 1963 resulted partly from a revision of the Standard Industrial Classification (SIC) (published early in 1963 as a supplement to the SIC Manual), on which classification codes and procedures employed by the Bureau of the Census are based. The supplement and manual referred to are published by the Bureau of the Budget and are available from the U.S. Government Printing Office, Washington, D.C. 20402. The 1963 revision was a limited one, confined to some reordering of 4-digit industries within 3-digit groups. In addition to product class changes resulting from the deletion of some industries defined in the Manual in 1958, and the defining of new industries out of existing industries, there were a considerable number of changes in product classes within the boundaries of unchanged 4-digit industries. These resulted from (1) an effort to isolate important product classes in growing areas, (2) a desire to recognize different end-uses or markets, and (3) a reexamination of the detailed commodity structure of some industries (for example, 2821, plastics materials, etc., and 2834, pharmaceutical preparations). All of these changes

are reflected in the accompanying tabular presentation of product class comparability.

Product classes, coded to five digits, represent an intermediate level of classification between the 4-digit establishment industry coding of the SIC and the 7-digit level used for product coding by the Bureau of the Census for the census of manufactures and for the more than 100 Current Industrial Reports published by the Bureau. Product classes, representing relatively homogeneous groupings of products, are utilized for requesting output data in the Annual Survey of Manufactures (ASM). In addition to data published in the ASM, production and/or shipments information for product classes are shown in the table 6 series of the industry chapters of the Census of Manufactures for 1963 (Volume II, **Industry Statistics**) and, for product-class specialization, in the general statistics in table 8. Production, shipments, inventory, and other data by product class will be found in numerous publications in the Current Industrial Reports series. Where applicable, table 6A of the industry chapters of the census of manufactures carries product data obtained from the Current Industrial Reports.

In the two parts of this appendix, the codes and descriptions of product classes affected by revision between 1958 and 1963 are given. In each of the parts, the product class or classes shown on the left are comparable to the class or classes shown on the right. For example, in Part 1, product classes 20221 and 20222 for 1963 are the equivalent in coverage to classes 20220 and 20252 for 1958. In Part 2, the reverse situation is the case. Where a product class shown in the left column is part of a product class in the right column, the class code in the right column contains an asterisk (*). Thus, it is evident that a product class in one year may be a part of several product classes in the other year. Where such situations exist, comparability between the censuses becomes difficult at the product class level.

Comparability of Product Classes

Part 1. 1963 Census of Manufactures as Related to 1958 Census of Manufactures

1963		1958 equivalent	
Product class code	Product class description	Product class code	Product class description
19291	Ammunition except for small arms, n.e.c.	19210	Artillery ammunition over 30 mm.(or over 1.18 inches)
19292	Receipts for ammunition loading and assembly, over 30 mm. (or over 1.18 inches)	19220	Receipts for ammunition loading and assembly, over 30 mm. (or over 1.18 inches)
19253	Research and development on guided missiles and space vehicles	19253	Research and development on guided missiles (complete)
19255	All other services on complete missiles and space vehicles		
19293	Ammunition, n.e.c.	19290	Ammunition, n.e.c.
20221	Natural cheese, except cottage cheese	20220 20252	Cheese, except cottage cheese Process cheese (from purchased cheese)
20222	Process cheese and related products		
20341	Dried and dehydrated fruits and vegetables and freeze dried products	20340	Dried and dehydrated fruits and vegetables and soup mix
20342	Soup Mixes		
20943	Animal and marine oil mill products, including foots	20950	Animal and marine oil mill products, including foots
20951	Roasted coffee, whole bean or ground	20995	Roasted coffee
20952	Concentrated coffee		
22513	Finished seamless hosiery, full-length and knee-length (women's)	22521	Women's finished seamless hosiery, except anklets
22514	Women's full-fashioned hosiery shipped in the greige	22512	Women's full-fashioned hosiery shipped in the greige
22515	Women's seamless full-length and knee-length hosiery shipped in the greige	22524	Seamless hosiery shipped in the greige
22524	Seamless hosiery shipped in the greige (except women's)		
24996	Hard pressed wood fiber board	26613	Hard pressed wood fiber board
26471	Sanitary napkins and tampons	26494	Sanitary napkins and tampons
26472	Sanitary tissue health products	26493	Sanitary tissue health products
28211	Unsupported plastics film, sheets, rods, tubes, from resins made in same establishment	28211*	Cellulose plastics materials, except from scrap
		28213*	Synthetic resins, except resins for protective coatings
		28214	Vinyl and polyethylene unsupported film and sheeting from resins manufactured in same establishment
28213	Thermoplastic resins, except resins for protective coatings	28211*	Cellulose plastics materials, except from scrap
		28213*	Synthetic resins, except resins for protective coatings
28214	Thermosetting resins, except resins for protective coatings	28213*	Synthetic resins, except resins for protective coatings
		28215*	Plastics and resin materials, n.e.c.
28215	Adhesives made from plastics and resin materials produced in same establishment	28211*	Cellulose plastics materials, except from scrap
		28213*	Synthetic resins, except resins for protective coatings
		28215*	Plastics and resin materials, n.e.c.
28216	Synthetic resins for protective coatings	28215*	Plastics and resin materials, n.e.c.
28217	Custom compounding of purchased resins	28215*	Plastics and resin materials, n.e.c.
28219	Plastics and resin materials, n.e.c.	28211*	Cellulose plastics materials, except from scrap
		28213*	Synthetic resins, except resins for protective coatings
		28215*	Plastics and resin materials, n.e.c.
28331	Synthetic organic medicinal chemicals in bulk	28331 28332	Medicinal and botanical drugs, uncompounded, for human use Medicinal drugs for veterinary use
28332	Other medicinal chemicals and botanical products, n.e.c. (in bulk)		

* Represents part.

Comparability of Product Classes

Part 1. 1963 Census of Manufactures as Related to 1958 Census of Manufactures--Con.

1963		1958 equivalent	
Product class code	Product class description	Product class code	Product class description
28341	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic disease, for human use	28348 28349*	Hormone preparations Other pharmaceutical preparations
28342	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use	28346* 28347* 28349*	Analgesics, including narcotics Tranquilizers, sedatives, and hypnotics Other pharmaceutical preparations
28343	Pharmaceutical preparations acting on the cardio-vascular system, for human use	28347* 28349*	Tranquilizers, sedatives, and hypnotics Other pharmaceutical preparations
28344	Pharmaceutical preparations acting on the respiratory system, for human use	28343	Cough and cold preparations for human use
28345	Pharmaceutical preparations acting on the digestive or genito-urinary systems, for human use	28344 28349*	Laxatives and stomach and ulcer preparations for human use Other pharmaceutical preparations
28346	Pharmaceutical preparations acting on the skin, for human use	28346* 28349*	Analgesics, including narcotics Other pharmaceutical preparations
28347	Vitamin, nutrient and hematinic preparations, for human use	28345 28349*	Vitamins for human use Other pharmaceutical preparations
28348	Pharmaceutical preparations affecting parasitic and infective diseases, for human use	28342 28349*	Antibiotic preparations for human use Other pharmaceutical preparations
28349	Pharmaceutical preparations for veterinary use	28341	Pharmaceutical preparations for veterinary use
28511 28512 28513 28514	Exterior oil-type trade sales paint products Exterior water-type trade sales paint products, including tinting bases Interior oil-type trade sales paint products Interior water-type trade sales paint products, including tinting bases	28511	Paints, varnishes, and enamels - trade sales products
28515 28516 28517	Trade sales lacquers Industrial product finishes, except lacquers Industrial lacquers	28512	Industrial product finishes and special coatings
28518	Putty, caulking compounds and allied products	28520	Putty, caulking compounds and allied products
28519	Miscellaneous paint products	28514	Miscellaneous paint products
28790	Agricultural pesticides and other agricultural chemicals	28730 28790	Agricultural pesticides, herbicidal preparations, and similar agricultural chemicals Agricultural chemicals, n.e.c.
28921 28922	Industrial explosives Explosives produced in government-owned, contractor-operated plants	28920	Explosives
28992	Fatty acids	28940	Fatty acids
30791	Unsupported plastics film, sheets, rods, tubes, from purchased resins	30793* 30794 30799*	Molded plastics products, n.e.c. Unsupported vinyl and polyethylene film and sheeting made from purchased resins Fabricated plastics products, n.e.c.
30792	Foamed plastics products	30796	Expanded or foamed plastics
30793	Laminated plastics sheets, rods, tubes	30797 30798	High pressure laminated plastics sheets Laminated plastics sheets, rods, tubes, other than high pressure
30794	Packaging and shipping containers, plastics	30793* 30799*	Molded plastics products, n.e.c. Fabricated plastics products, n.e.c.
30795	Industrial plastics products	30793* 30799*	Molded plastics products, n.e.c. Fabricated plastics products, n.e.c.

* Represents part.

Comparability of Product Classes

Part 1. 1963 Census of Manufactures as Related to 1958 Census of Manufactures--Con.

1963		1958 equivalent	
Product class code	Product class description	Product class code	Product class description
30796	Construction plastics products	30792* 30793* 30795 30799*	Plastic pipe, hose, tubing, and fittings Molded plastics products, n.e.c. Unsupported plastics floor and wall covering Fabricated plastics products, n.e.c.
30797	Plastics dinnerware, tableware, and kitchenware	30791* 30799*	Plastics dinnerware and housewares, except sheet goods products Fabricated plastics products, n.e.c.
30798	Consumer and commercial plastics products, n.e.c.	30791* 30792* 30793* 30799*	Plastics dinnerware and housewares, except sheet goods Plastic pipe, hose, tubing, and fittings Molded plastics products, n.e.c. Fabricated plastics products, n.e.c.
32722	Precast concrete products	32722	Precast and prestressed concrete products, except concrete pipe
32723	Prestressed concrete products		
32950	Minerals and earths, ground or otherwise treated	32950 32961* 32962*	Minerals and earths, ground or otherwise treated Mineral wool for structural insulation Mineral wool for industrial and equipment insulation
33347	Aluminum ingot made in primary aluminum industry	33341 33342 33411	Primary aluminum-base alloys (pig, ingot, shot, etc.) Primary unalloyed aluminum Secondary aluminum base alloys (ingot, shot, etc.)
33348	Aluminum extrusion billet made in primary aluminum industry		
33417	Aluminum ingot made by secondary smelters		
33418	Aluminum extrusion billet made by secondary smelters		
33527	Aluminum ingot made in aluminum rolling mills	33520 ¹	Aluminum-base alloys made in aluminum rolling mills
33528	Aluminum extrusion billet made in aluminum rolling mills		
33573	Nonferrous metal wire, except insulated (excluding aluminum and copper)	33573	Nonferrous metal wire, except insulated, but including woven wire products (other than aluminum and copper)
33575	Nonferrous wire cloth and other woven wire products made in nonferrous wire drawing plants		
34432	Fabricated steel plate, including stacks and weldments	34434	Gas cylinders and other boiler shop products
34434	Gas cylinders		
34435	Metal tanks complete at factory (standard line, pressure)	34435	Metal tanks complete at factory (standard line, pressure and nonpressure) and metal septic tanks
34437	Metal tanks complete at factory (standard line nonpressure)		
34438	Metal tanks and vessels, custom fabricated at the factory	34436	Metal tanks and vessels, custom fabricated at the factory
34439	Metal tanks and vessels, custom fabricated and field erected		
34460	Ornamental and structural metal work	34491	Ornamental and structural metal work
34522	Special industrial fasteners	34522	Special industrial fasteners, other than standard types
34523	Headed products (produced by cold and hot heading) other than industrial fasteners		
34814	Ferrous wire cloth and other woven ferrous wire products, from purchased wire	34817	Wire cloth and other woven wire products, not produced by wire drawers
34815	Nonferrous wire cloth and other woven nonferrous wire products		

*Represents part.

¹Did not exist as a product class in 1958. This code was utilized especially to accommodate the products indicated.

Comparability of Product Classes

Part 1. 1963 Census of Manufactures as Related to 1958 Census of Manufactures--Con.

1963		1958 equivalent	
Product class code	Product class description	Product class code	Product class description
35323	Mining machinery and equipment (other than underground equipment and crushing, pulverizing, and screening plants, stationary)	35323	Mining machinery and equipment (other than underground equipment and crushing, pulverizing, and screening plants, stationary)
35324	Parts and attachments for mining machinery and equipment		
35811	Automatic vending machines (complete units)	35811	Automatic merchandising machines, refrigerated
35812	Coin-operated mechanisms and parts for automatic vending machines		Automatic merchandising machines, except refrigerated
35893	Commercial and industrial vacuum cleaners, including parts and attachments	35840	Commercial and industrial vacuum cleaners, including parts and attachments
36421	Residential type electric fixtures (except portable)	36421	Residential type electric fixtures
36427	Residential type electric fixtures (portable)		
36621	Radio and television commercial communication equipment	36621	Commercial, industrial, and military electronic communication equipment, except broadcast equipment and home-type intercommunication equipment
36627	Space satellite-borne communication systems (complete package)		
36624	Electronic navigational aids (except missile-borne and space vehicle-borne equipment)	36624	Electronic navigational aids
36628	Missile borne and space vehicle borne navigation and guidance systems and equipment		
36740	Solid state semiconductor devices	36791	Solid state semiconductor devices
37221	Aircraft engines for United States military customers	37221	Aircraft engines for United States military customers and all missile engines
37225	Complete missile or space vehicle engines and/or propulsion units		
37223	Research and development on aircraft engines	37223	Aeronautical services on aircraft and missile engines
37226	Receipts for research and development on complete missile or space vehicle engines and/or propulsion units		
37227	All other services on complete missile or space vehicle engines and/or propulsion units		
37224	Aircraft engine parts and accessories	37224	Aircraft engine parts (including parts for missile engines)
37228	Missile and space vehicle engine and/or propulsion unit parts and accessories		
38112	Laboratory and scientific instruments	38112	Engineering, laboratory, and scientific instruments (except aircraft flight, nautical, and navigational instruments and automatic pilots)
38113	Survey and drafting instruments and laboratory furniture		
38311	Optical and analytical instruments and lenses	38310	Optical instruments and lenses
38312	Sighting and fire control equipment made from lenses, prisms, etc. produced in same plant		

Comparability of Product Classes

Part 2. 1958 Census of Manufactures as Related to 1963 Census of Manufactures

1958		1963 equivalent	
Product class code	Product class description	Product class code	Product class description
19210	Artillery ammunition over 30 mm (or over 1.18 inches)	19291	Ammunition except for small arms, n.e.c.
19220	Receipts for ammunition loading and assembly, over 30 mm (or over 1.18 inches)	19292	Receipts for ammunition loading and assembly, over 30 mm (or over 1.18 inches)
19253	Research and development on guided missiles (complete)	19253	Research and development on guided missiles and space vehicles
		19255	All other services on complete missiles and space vehicles
19290	Ammunition, n.e.c.	19293	Ammunition, n.e.c.
20220	Cheese, except cottage cheese	20221	Natural cheese, except cottage cheese
20252	Process cheese (from purchased cheese)		Process cheese and related products
20340	Dried and dehydrated fruits and vegetables and soup mix	20341	Dried and dehydrated fruits and vegetables and freeze dried products
		20342	Soup mixes
20950	Animal and marine oil mill products, including foots	20943	Animal and marine oil mill products, including foots
20995	Roasted coffee	20951	Roasted coffee, whole bean or ground
		20952	Concentrated coffee
22512	Women's full-fashioned hosiery shipped in the greige	22514	Women's full-fashioned hosiery shipped in the greige
22521	Women's finished seamless hosiery, except anklets	22513	Finished seamless hosiery, full-length and knee-length (women's)
22524	Seamless hosiery shipped in the greige	22515	Women's seamless full-length and knee-length hosiery shipped in the greige
		22524	Seamless hosiery shipped in the greige (except women's)
26493	Sanitary tissue health products	26472	Sanitary tissue health products
26494	Sanitary napkins and tampons	26471	Sanitary napkins and tampons
26613	Hard pressed wood fiber board	24996	Hard pressed wood fiber board
28211	Cellulose plastics products, except from scrap	28211*	Unsupported plastics film, sheets, rods, tubes, from resins made in same establishment
		28213*	Thermoplastic resins, except resins for protective coatings
		28215*	Adhesives made from plastics and resin materials produced in same establishment
		28219*	Plastics and resin materials, n.e.c.
28213	Synthetic resins, except resins for protective coatings	28211*	Unsupported plastics film, sheets, rods, tubes, from resins made in same establishment
		28213*	Thermoplastic resins, except resins for protective coatings
		28214*	Thermosetting resins, except resins for protective coatings
		28215*	Adhesives made from plastics and resin materials produced in same establishment
		28219*	Plastics and resin materials, n.e.c.
28214	Vinyl and polyethylene unsupported film and sheeting, made from resins manufactured in same establishment	28211*	Unsupported plastics film, sheets, rods, tubes, from resins made in same establishment

*Represents part.

Comparability of Product Classes

Part 2. 1958 Census of Manufactures as Related to 1963 Census of Manufactures--Con

1958		1963 equivalent	
Product class code	Product class description	Product class code	Product class description
28215	Plastics and resin materials, n.e.c.	28214*	Thermosetting resins, except resins for protective coatings
		28215*	Adhesives made from plastics and resin materials produced in same establishment
		28216	Synthetic resins for protective coatings
		28217	Custom compounding of purchased resins
		28219*	Plastics and resin materials, n.e.c.
28331	Medicinal and botanical drugs, uncompounded, for human use	28331	Synthetic organic medicinal chemicals in bulk
28332	Medicinal drugs for veterinary use	28332	Other medicinal chemicals and botanical products, n.e.c. (in bulk)
28341	Pharmaceutical preparations for veterinary use	28349	Pharmaceutical preparations for veterinary use
28342	Antibiotic preparations for human use	28348*	Pharmaceutical preparations affecting parasitic and infective diseases, for human use
28343	Cough and cold preparations for human use	28344	Pharmaceutical preparations acting on the respiratory system, for human use
28344	Laxatives and stomach and ulcer preparations for human use	28345*	Pharmaceutical preparations acting on the digestive or genito-urinary systems, for human use
28345	Vitamins for human use	28347*	Vitamin, nutrient and hematinic preparations, for human use
28346	Analgesics, including narcotics	28342*	Antibiotic preparations for human use
		28346*	Pharmaceutical preparations acting on the skin, for human use
28347	Tranquilizers, sedatives, and hypnotics	28342*	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use
		28343*	Pharmaceutical preparations acting on the cardiovascular system, for human use
28348	Hormone preparations	28341*	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic disease, for human use
28349	Other pharmaceutical preparations	28341*	Pharmaceutical preparations affecting neoplasms, endocrine system and metabolic disease, for human use
		28342*	Pharmaceutical preparations acting on the central nervous system and the sense organs, for human use
		28343*	Pharmaceutical preparations acting on the cardiovascular system, for human use
		28345*	Pharmaceutical preparations acting on the digestive or genito-urinary systems, for human use
		28346*	Pharmaceutical preparations acting on the skin, for human use
		28347*	Vitamin, nutrient and hematinic preparations, for human use
		28348*	Pharmaceutical preparations affecting parasitic and infective diseases, for human use
28511	Paints, varnishes, and enamels—trade sales paint products	28511	Exterior oil-type trade sales paint products
		28512	Exterior water-type trade sales paint products, including tinting bases
		28513	Interior oil-type trade sales paint products
		28514	Interior water-type trade sales paint products, including tinting bases
28512	Industrial product finishes and special coatings	28515	Trade sales lacquers
		28516	Industrial product finishes, except lacquers
		28517	Industrial lacquers
28514	Miscellaneous paint products	28519	Miscellaneous paint products

*Represents part.

Comparability of Product Classes

Part 2. 1958 Census of Manufactures as Related to 1963 Census of Manufactures--Con

1958		1963 equivalent	
Product class code	Product class description	Product class code	Product class description
28520	Putty, caulking compounds and allied products	28518	Putty, caulking compounds and allied products
28730	Agricultural pesticides, herbicidal preparations, and similar agricultural chemicals	28790	Agricultural pesticides and other agricultural chemicals
28790	Agricultural chemicals, n.e.c.		
28920	Explosives	28921	Industrial explosives
		28922	Explosives produced in government-owned, contractor-operated plants
28940	Fatty acids	28992	Fatty acids
30791	Plastics dinnerware and housewares, except sheet goods	30797*	Plastics dinnerware, tableware, and kitchenware
		30798*	Consumer and commercial plastics products, n.e.c.
30792	Plastic pipe, hose, tubing, and fittings	30796*	Construction plastics products
		30798*	Consumer and commercial plastics products, n.e.c.
30793	Molded plastics products, n.e.c.	30791*	Unsupported plastics film, sheets, rods, tubes, from purchased resins
		30794*	Packaging and shipping containers, plastics
		30795*	Industrial plastics products
		30796*	Construction plastics products
		30798*	Consumer and commercial plastics products, n.e.c.
30794	Unsupported vinyl and polyethylene film and sheeting made from purchased resins	30791*	Unsupported plastics film, sheets, rods, tubes, from purchased resins
30795	Unsupported plastics floor and wall coverings	30796*	Construction plastics products
30796	Expanded or foamed plastics	30792	Foamed plastics products
30797	High pressure laminated plastics sheets	30793*	Laminated plastics sheets, rods, tubes
30798	Laminated plastics sheets, rods, tubes, other than high pressure	30793*	Laminated plastics sheets, rods, tubes
30799	Fabricated plastics products, n.e.c.	30791*	Unsupported plastics film, sheets, rods, tubes, from purchased resins
		30794*	Packaging and shipping containers, plastics
		30795*	Industrial plastics products
		30796*	Construction plastics products
		30797*	Plastics dinnerware, tableware and kitchenware
		30798*	Consumer and commercial plastics products, n.e.c.
32722	Precast and prestressed concrete products, except concrete pipe	32722	Precast concrete products
		32723	Prestressed concrete products
32950	Minerals and earths, ground or otherwise treated	32950*	Minerals and earths, ground or otherwise treated
32961	Mineral wool for structural insulation	32950*	Minerals and earths, ground or otherwise treated
		32961	Mineral wool for structural insulation
32962	Mineral wool for industrial and equipment insulation	32950*	Minerals and earths, ground or otherwise treated
		32962	Mineral wool for industrial and equipment insulation
33341	Primary aluminum-base alloys (pig, ingot, shot, etc.)	33347	Aluminum ingot made in primary aluminum industry
33342	Primary unalloyed aluminum	33348	Aluminum extrusion billet made in primary aluminum industry
33411	Secondary aluminum base alloy: (ingot, shot, etc.)	33417	Aluminum ingot made by secondary smelters
		33418	Aluminum extrusion billet made by secondary smelters

*Represents part.

Comparability of Product Classes

Part 2. 1958 Census of Manufactures as Related to 1963 Census of Manufactures--Con.

1958		1963 equivalent	
Product class code	Product class description	Product class code	Product class description
33520 ¹	Aluminum-base alloys made in aluminum rolling mills	33527 33528	Aluminum ingot made in aluminum rolling mills Aluminum extrusion billet made in aluminum rolling mills
33573	Nonferrous metal wire, except insulated, but including woven wire products (other than aluminum or copper)	33573 33575	Nonferrous metal wire, except insulated (excluding aluminum and copper) Nonferrous wire cloth and other woven wire products made in nonferrous wire drawing plants
34434	Gas cylinders and other boiler shop products	34432 34434	Fabricated steel plate, including stacks and weldments Gas cylinders
34435	Metal tanks complete at factory (standard line, pressure and nonpressure) and metal septic tanks	34435 34437	Metal tanks complete at factory (standard line, pressure) Metal tanks complete at factory (standard line, nonpressure)
34436	Metal tanks and vessels, custom fabricated at the factory	34438 34439	Metal tanks and vessels, custom fabricated at the factory Metal tanks and vessels, custom fabricated and field erected
34491	Ornamental and structural metal work	34660	Ornamental and structural metal work
34522	Special industrial fasteners, other than standard types	34522 34523	Special industrial fasteners Headed products (produced by cold and hot heading) other than industrial fasteners
34817	Wire cloth and other woven wire products, not produced by wire drawers	34814 34815	Ferrous wire cloth and other woven ferrous wire products, from purchased wire Nonferrous wire cloth and other woven nonferrous wire products
35323	Mining machinery and equipment (other than underground equipment and crushing, pulverizing, and screening plants, stationary)	35323 35324	Mining machinery and equipment (other than underground equipment and crushing, pulverizing, and screening plants, stationary) Parts and attachments for mining machinery and equipment
35811 35812	Automatic merchandising machines, refrigerated Automatic merchandising machines, except refrigerated	35811 35812	Automatic vending machines (complete units) Coin-operated mechanisms and parts for automatic vending machines
35840	Commercial and industrial vacuum cleaners, including parts and attachments	35893	Commercial and industrial vacuum cleaners, including parts and attachments
36421	Residential type electric fixtures	36421 36427	Residential type electric fixtures (except portable) Residential type electric fixtures (portable)
36621	Commercial, industrial, and military electronic communication equipment, except broadcast equipment and home-type intercommunication equipment	36621 36627	Radio and television commercial communication equipment Space satellite-borne communication systems (complete package)
36624	Electronic navigational aids	36624 36628	Electronic navigational aids (except missile-borne and space vehicle-borne equipment) Missile-borne and space vehicle-borne navigation and guidance systems and equipment
36791	Solid-state semiconductor devices	36740	Solid-state semiconductor devices
37221	Aircraft engines for United States military customers and all missile engines	37221 37225	Aircraft engines for United States military customers Complete missile or space vehicle engines and/or propulsion units

*Represents part.

¹Did not exist as a product class in 1958. This code was utilized especially to accommodate the products indicated.

Comparability of Product Classes

Part 2. 1958 Census of Manufactures as Related to 1963 Census of Manufactures--Con

1958		1963 equivalent	
Product class code	Product class description	Product class code	Product class description
37223	Aeronautical services on aircraft and missile engines	37223	Research and development on aircraft engines
		37226	Receipts for research and development on complete missile or space vehicle engines and/or propulsion units
		37227	All other services on complete missile or space vehicle engines and/or propulsion units
37224	Aircraft engine parts (including parts for missile engines)	37224	Aircraft engine parts and accessories
		37228	Missile and space vehicle engine and/or propulsion units parts and accessories
38112	Engineering, laboratory, and scientific instruments (except aircraft flight, nautical, and navigational instruments and automatic pilots)	38112	Laboratory and scientific instruments
		38113	Survey and drafting instruments and laboratory furniture
38310	Optical instruments and lenses	38311	Optical and analytical instruments and lenses
		38312	Sighting and fire control equipment made from lenses, prisms, etc. produced in same plant

Appendix I

ALPHABETIC INDEX OF MANUFACTURED PRODUCTS

This index is designed to assist in locating statistics on manufactured products as published in table 6A, "Products and Product Classes—Quantity and Value Shipped by All Manufacturing Establishments: 1963 and 1958," in the respective industry chapters of the 1963 Census of Manufactures volumes. The product code or codes and the page or pages in the industry chapters where statistics will be found are shown for each of the products or groups of products. The index covers the almost 6,000 coded products as reported in the 1963 Census of Manufactures and several thousand products covered by the Bureau of the Census Current Industrial Reports series of commodity surveys for 1963, which are also included in table 6A. Typically, the products alphabetized in this index are of a broad nature; more detail by size, material components, end use, etc., will be found in

table 6A itself. Occasionally, the same product or group of products will appear under more than one industry; page numbers so indicate. To assist in locating statistics for particular products, cross references or alternate ways of describing products are included in this index.

Product codes are based on the 1957 revised edition of the **Standard Industrial Classification Manual** (SIC), as amended, issued by the Bureau of the Budget. Bureau of the Census expansion of the 4-digit industry coding of the SIC to 5-digit product classes and 7-digit products, as published in table 6A, is used as the basis for this alphabetic index.

Assorted product information is contained in tables other than 6A but no references to such other tables are shown here. For example, summary product information at the industry level may be found in table 5A and at the product class level in table 5B. Product class information may also be found in tables 6B to 6D and in table 8. Occasionally, detailed product information may be contained in tables other than 6A, typically in the table 6 series.

Alphabetic Index of Manufactured Products

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lation.....	2861261	28E-11	Ammunition.....	19291--,	19A-14
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Acrylic yarn.....	2824245	28B-15	Ammunition boxes and chests, metal....	3499059	34E-29
ACTH, pharmaceutical preparations.....	2834125	28C-9	Amusement machines, coin-operated....	3999212, 98	39D-24
Acyclic chemicals, miscellaneous.....	2818211	28A-23	Amusement park equipment.....	3599096	35C-26
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	79		Animal feeds, prepared.....	2042101-435	20D-17
Adhesives, synthetic resin (from resins			Anklets.....	2252333-39	22B-24
produced in same establishment).....	2821511-98	28B-13	Anti-freeze.....	2899326-37	28C-17
Adobe brick.....	3259298	32B-18	Anti-infective agents.....	2834811-98	28C-13
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Advertising specialties.....	3993311	39D-24	Antibiotics, bulk.....	2833110	28C-9
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aircraft.....	3721110-912	37B-16	Aprons, smocks, hoovers, women's,		
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	3722321-33		Aprons, waterproof.....	2385098	23D-29
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	3729313, 15		Arctic and gaiters (rubber).....	3021041-45	30A-16
Propellers and parts.....	3723010-51	37B-17	Argon.....	2813415	28A-21
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	63		Brake linings.....	3292211-55	32E-19
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	3391942		Products.....	3292211-798	32E-19
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